

## Editorial Introductions

*Medical Veritas*<sup>®</sup> was launched in 2004. Its unique format is designed to provide balanced peer-reviewed manuscripts that appeal to both patients and healthcare professionals alike. Here we are pleased to introduce a few of the Journal's editors.



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Kenya, Africa



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India



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Massachusetts, United States



**Walter R. Schumm, PhD**  
Kansas, United States



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Australia



**Michel Odent, MD**  
United Kingdom



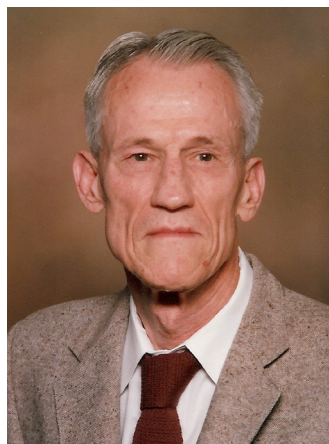
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New Jersey, United States



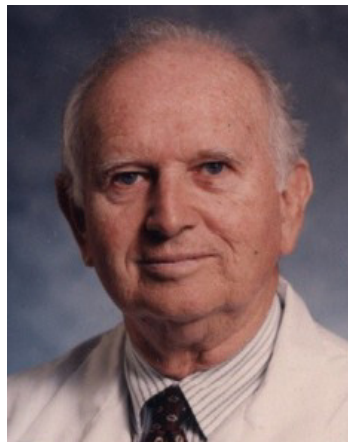
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California, United States



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**Boyd E. Haley, PhD**  
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Colombia, South America



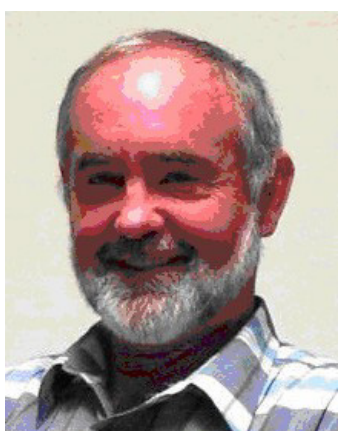
**Sarah J. Buckley, MD**  
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New Mexico, United States



**Marc Girard, MSc, MD**  
France



**John Jacob Cannell, MD**  
California, United States



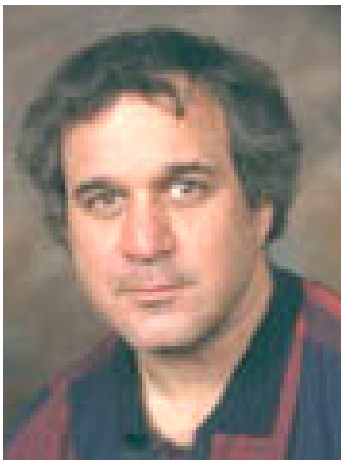
**Garth L. Nicolson, PhD**  
California, United States



**Lorène Amet, DEA, DipBiotechnol, PhD**  
Edinburgh, United Kingdom



**Andrew J. Wakefield, MB BS, FRCS, FRCPath**  
Surrey, United Kingdom



**Andrew Maniotis, PhD**  
Illinois, United States



**Ali Saber Mohamed, MB,  
BCH, D Psych**  
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**Betsy Hicks**  
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**Jack D. Thrasher, PhD**  
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Arizona, United States



**Leo Rebello, ND, PhD, DSc**  
Bombay, India



**Paul J. Rosch, MD, FACP**  
New York, United States



**Igor G. Bondarenko, MD, PhD**  
St. Petersburg, Russia



**Toni Krehel, AP**  
Florida, United States

We are pleased to present detailed biographies of each editor comprising the Medical Veritas Editorial Board alphabetized by last name.

## **Editor (Edinburgh, United Kingdom)** **Lorène Amet, DEA, DipBiotechnol, PhD**

Dr. Amet is trained as a neuroscientist (brain development, brain ischemia and epilepsy), and has worked in Edinburgh, Oxford and Princeton before being fully involved with a home-education and treatment of her son affected by autism. Currently, Dr Amet has recently opened the ATT clinic in Edinburgh UK, working with a medical doctor and psychologist ABA therapist to provide biomedical testing and treatments together with educational support and psychological monitoring of treatment outcomes. Dr. Amet is involved in several autism research projects, on both medical/scientific and educational issues. Dr Amet has over the past three years organized and contributed to several conferences and events on autism, the latest being organized together with ATT and Ariane, *Treating Autism*, held at the Royal College of Physicians in Edinburgh, in October 2005. Dr. Amet has recently received DAN! accreditation. She is also doing a Masters in Special Education - Autism at the University of Birmingham. She has also been involved in promoting art expression from children with autism and has organized several art exhibitions in Edinburgh on the subject. Her work made from her son's early drawing has been published in Artism in Canada.

### **Education/Position**

2005- 2006	Postgraduate diploma (Master), Special Education Autism Children, Birmingham University. Second year.
2004-2005	Postgraduate diploma (Master), Special Education Autism Children, Birmingham University.
1998-2002	Post-doctoral position, Fujisawa Institute of Neuroscience Edinburgh, Apoptosis in brain ischemia and neurodegenerative disorders.
1994-1998	Post-doctoral position, Princeton Univ., USA. Roles played by the conserved Midkine secreted molecules in brain development and synaptic plasticity.
1990-1994	D.Phil. Oxford University, UK. Thesis entitled: The role of the subcellular localisation of HIV-1 Tat protein in viral gene expression. Thesis supervisor Dr. S. Kingsman. Financial support: British Biotechnology Plc. Oxford, UK.
1989-1990	Diplome d'Etude Approfondies (DEA) in Molecular Biology, University of Strasbourg, France: Cloning of equine EGF.
1988-1990	Diplome d'Ingenieur en Biotechnologie, Ecole Supérieure de Biotechnologie (E.S.B.S), Strasbourg, France.
1987-1988	Maitrise de Biochimie, Univ. of Strasbourg, France.
1986-1987	Licence de Biochimie, Univ. of Strasbourg, France.
1984-1986	Diplome d'Etude Universitaire Generales biologie, D.E.U.G. B, University of Strasbourg, France.
1984	Baccalauréat, serie D (Science), Nancy, France.

### **Autism**

- In the process of setting up an Autism Treatment clinic with the charity Autism Treatment Trust (former Action Against Autism). Principal Scientist.

- Received DAN! (Defeat Autism Now) doctor accreditation, Dec., 2005.
- Initiated and organised with Action Against Autism a conference called *Treating Autism*, Edinburgh UK, October 14-15, 2005.
- Participated to two clinic days with Dr. McCandless and Dr. Usman (16 children with autism). October 16-17, 2005.
- Initiated a research project: Two UK clusters with very high incidence of autism; exploration into a possible environmental link to heavy metals. L. Amet (PI), G. Bell, B. Pease, K. Aitken.
- Organised an Autism Family summer vacations in France for 2 weeks, each year, with a total of 12 families with children with autism (1 week with French families, 1 week with British families).
- Elected as chairman of ART (Autism Research Treatment)/ subgroup of Action Against Autism.
- Elected secretary Ariane- Research treatments in autism, France Paris, Feb., 2005. Chairperson Dr. Skorupka.
- Publication joint art work from my son and I in Artism, Canada. Artism is a compilation of masterpieces from artists within the AutismToday™ including works by Mark Rimland, Donna Williams.
- Elected on the board of Directors of Action Against Autism—Research treatments Intervention in autism. Chairman Bill Welsh. May, 2004.
- Home education of son affected by autism (Son-Rise, moving on to Growing Minds, ABA and VB).

### **Courses/ Further training**

- 2004 Autism: Verbal Behaviour.
- 2003 Autism: Growing Minds Comprehensive programme with my son Lloyd, Florida Sept 03.
- 2003 Autism: Growing Minds programmes, Steven Wertz- Florida/ UK course- March 02.
- 2002 Autism: Son-Rise programme Start up training. Option Institute USA- London Jan 02
- 2001 Autism Conference, Aberdeen- Organised by Strathclyde University.
- 1999 Cold Spring Harbor Laboratory, 1999 Summer Course: Molecular Mechanisms of Human Neurological Diseases, June 24-30, 1999.
- 1991 Advanced course on subcellular fractionation and immunoelectron microscopy, Oslo University.

### **Research Publications**

- [1] Amet L. Critical evaluation of Defeat Autism Now! (DAN!) biomedical intervention in autism: a parent perspective. Dissertation submitted to the MSc programme (Special Education—Autism) at the University of Birmingham; Medical Veritas, 2006;3(1):753–66.
- [2] Amet L. Detailed assessment of communication skills of a child with autism, a parent perspective. University of Birmingham, Good Autism Practice, 2005 May; 16(1):57–70.
- [3] Nataf R, Skorupka C, Lam, Alain, Springbett A, Amet L, Lathe R. Porphyrinuria in childhood autism. Manuscript Submitted Toxicol Appl Pharmacol., 2006;
- [4] Kerr LE, McGregor AL, Amet LE, Asada, T, Spratt C, Allsopp TE, Harmar AJ, Shen, S, Carlson G, Logan N, Kelly JS, Sharkey J. Mice overexpressing human caspase 3 appear phenotypically normal but exhibit increased apoptosis and larger lesion volumes in response to transient focal cerebral ischaemia. Cell Death Differ., 2004; 11 (10):1102–11.
- [5] Amet LE, Lauri SE, Hienola A, Croll SD, Lu Y, Levorse JM, Prabhakaran B, Taira T, Rauvala H, Vogt TF. Enhanced hippocampal long-term potentiation in mice lacking heparin-binding growth-associated molecule. Mol Cell Neurosci., 2001 Jun;17(6):1014–24.
- [6] White MRH, Masuko M, Amet LEA, Elliot G, Braddock, M, Kingsman, AJ, Kingsman SM. Real time analysis of the transcriptional regulation of HIV and hCMV promoters in single mammalian cells. Journal of Cell Science, 1995;108:441–5.



- [7] Amet LEA. The role of the subcellular localisation of the HIV-1 Tat protein in viral gene expression. Ph.D. Thesis, 1995.
- [8] Stewart F, Power CA, Lennard SN, Allen WR, Amet LEA, Edwards RM. Identification of the horse epidermal growth factor (EGF) coding sequence and its use in monitoring EGF expression in pregnant mare. *Journal of Molecular Endocrinology*, 1994;12(3): 344–50.
- [9] Amet LEA, White MRH, Sutton JA, Caspey LJ, Braddock M, Kingsman AJ, Kingsman SM. Quantitative localisation of HIV proteins in mammalian cells. In *Biotechnology Application of Microinjection, Microscopic Imaging and Fluorescence*, Bach P, Poole P, Mottley J, ed., Plenum Press, New York, 1993:173–84.
- [10] White MRH, Braddock M, Byles ED, Amet LEA, Kingsman AJ, Kingsman SM. Application of the firefly luciferase reporter gene to microinjection experiment in *Xenopus* oocytes. In *Biotechnology Application of Microinjection, Microscopic Imaging and Fluorescence*, Ed. P. Bach, P. Poole and J. Mottley, Plenum Press, New York, 1993:19–28.

#### **Publications/exhibitions and meetings in relation to Autism**

- *The Attic Salt*- Art Exhibition Autism January, 2006.
- *Edinburgh International Conference Centre*: See The Bigger Picture was a conference on living with learning difficulties- April 2-3, 2003. *Mindroom Our Art work: Inside out*—autism and perception was presented.
- French Institute: Edinburgh Dec. 2-7, 2002 Organised an Art exhibition with conference on Art Therapy- Prof Colwyn Trevarthen (Psychology, Language Science), Prof Nigel Osborne (Music therapy, Edinburgh U.), Dr. James Roberston (Music therapy, Edinburgh U.), Mr. Simon Willoughby-Booth (Visual therapy, Edinburgh Royal Hospital).
- *Round table on Autism*, Edinburgh University Sept 02- Organised a meeting with 15 autism professionals, including Raun Kaufman (USA, Option Institute) to discuss key issues for treatments and educational interventions.
- *Traverse Theatre*: Autism, Inside Out. Art exhibition. Edinburgh May 19 - June 8, 2002.
- *Images of a Boy's Life by Susan Mansfield*. The Scotsman, June, 2002.

#### **Editor (St. Petersburg, Russia)**

#### **Igor G. Bondarenko, MD, PhD**

Igor G. Bondarenko was born May 12, 1959. He presently serves as Research Officer at North West Russian Research Centre for Hygiene and Public Health, St. Petersburg, Russia. Dr. Bondarenko received his Medical Doctor's Diploma in 1982 from Military Medical Academy, St. Petersburg. In addition to Russian, he is fluent in English and basic Finnish.

Dr. Bondarenko has for the past ten years developed curricula and teaching basic biochemistry and clinical/nutritional chemistry to the undergraduates and postgraduates at the Military Medical Academy and St. Petersburg Therapeutic Institute.

#### **Postgraduate education**

- PhD studentship in Biochemistry, Military Medical Academy, St. Petersburg, 1985-1988;
- Certification course in Immunodiagnosis, Military Medical Academy, St. Petersburg, 1993;
- Certification course in Clinical Laboratory Diagnosis, State Medical University, St. Petersburg, 1997
- Over 370 hours of international seminars in Functional/Nutritional Biochemistry, 1998-2004

#### **Academic appointments**

- Reader, Department of Clinical Biochemistry and Laboratory Diagnosis, Military Medical Academy, St. Petersburg, 1988-1994;
- Reader, Department of Biochemistry, St. Petersburg Therapeutic Institute, 1996-1998;
- Research Officer, Department of Biology and Biochemistry, University of Bath, United Kingdom, – 1998-2000;
- Research Officer, Department of Laboratory Medicine, North West Russian Research Centre for Hygiene and Public Health, St. Petersburg – 2000-2004;
- Consultant, Nutritional/Clinical Biochemistry, Chydenius Clinic, Helsinki, Finland – 2004-2007.

#### **Memberships and social duties**

- Member, European Committee for Quality Assessment in Laboratory Medicine;
- Member, European Federation of Parasitologists;
- Co-editor, External Quality Assessment News (a journal of International Federation for Clinical Chemistry, Denmark);
- Editorial Board member, Alternative Medicine Reviews journal (Idaho, USA);
- Diplomate and Technical Advisor, Association of Systematic Kinesiology (UK)

#### **Experience**

- **Diagnostic laboratory work and quality control/assessment**

Four years of diagnostic work in clinical diagnostic laboratories in Moscow Region and St. Petersburg. Assessment of the diagnostic reliability of various enzyme immunoassays for the detection of markers of human immunodeficiency virus, hepatitis B and C viruses in serum and dried blood spots. Comparative studies of the second and third generations of screening and confirmatory enzyme immunoassays for the superficial antigen of hepatitis B virus (HBsAg) and antibodies to hepatitis C virus. Performance assays of Russian and Western enzyme immunoassays for markers of viral hepatitis B and C.

- **Research in liver diseases**

Study of pro-oxidant and anti-oxidant enzymes of the liver and blood in viral and toxic hepatitis in order to elucidate biochemical mechanisms of the liver damage in those diseases. Research work in enzyme histochemistry and cytospectrophotometry of the liver, haematological cytochemistry in acute clinical and experimental (toxic) hepatitis. Development of serum tests for the detection of antibodies to hepatitis C virus. In the context of the recent EU-supported joint research project, - development of enzyme immunoassays for the determination of serum xanthine oxidoreductase, its antibodies and xanthine oxidoreductase-containing circulating immune complexes as sensitive serological markers of the damage to the liver. Over 50 publications, mostly on liver diseases.

- **Clinical work and related teaching**

In addition to basic clinical practice, - over eight years of diagnosing and treating patients with integrative non-invasive methodologies of natural medicine that combines functional biochemistry, nutritional biochemistry, acupuncture, botanical therapy. Has been organising seminars for practitioners in Functional Biochemistry and Infectious Diseases in the UK,

Russia, Turkey, Uzbekistan. Has been developing individual nutritional programmes for patients of Chydenius Clinic in Helsinki, Finland.

#### • Participation in multi-centre studies

- Assistant Coordinator of a multi-centre trial of dried blood spot technique in laboratory diagnosis of HIV infection in 50 military hospitals in Russia, 1991-1992;
- Coordinator of regional (30 laboratories in North West Region of Russia) external quality assurance schemes in laboratory diagnosis of viral hepatitis B and C, 1995-1997.
- Regional Coordinator of the European joint research project workshops ("Measuring the usefulness of the EU international database and technology assessment in the eastern language groups, diseases and technologies") arranged by University of Galway, Ireland (Tashkent, 1997; St. Petersburg, 1997).
- Scientific Coordinator of a European Commission-supported international joint research project ("Improving diagnosis and prognosis in viral hepatitis B and C based on novel serum assays", 1998-2001).
- Team Leader of a European Commission-supported joint research project ("Determination of the quality of ground and surface waters suitable for drinking water production in Khorezm Region, Republic of Uzbekistan", 2002-2004) involving University of Helsinki (Finland) and National Institute for Occupational Medicine (Oslo, Norway).

#### Peer-Reviewed Publications

- [1] Bondarenko IG, Karpishchenko AI. Reference panel for internal quality control of assays for the detection of antibodies to hepatitis C virus: an experience of a working model. *External Quality Assessment News*, 1999, 10 (1):5-7.
- [2] Bondarenko IG, Garrett PE, Savinova IN, Sedunova YA. (1999) Lack of correlation between sensitivity characteristics of the tests for hepatitis C virus antibodies estimated with serially diluted and natural low-reactive control specimens. *Scand. J. Clin. Lab. Invest.* 59:153-8.
- [3] Bondarenko IG, Harrison R, Bosmans E, von Bonsdorff CH. Serum xanthine oxidoreductase in acute viral hepatitis. *Scand. J. Clin. Lab. Invest.*, 2000; 60(232):36-7.
- [4] Bondarenko IG, Harrison R, von Bonsdorff CH, Musabayev II, Nemtsova OG, Palgova LA. Serum IgM antibodies to xanthine oxidoreductase in acute viral hepatitis. *Scand. J. Clin. Lab. Invest.*, 2000; 60(232):82.
- [5] Bondarenko IG, Chydenius J. Evaluation of targeted nutritional supplementation aimed at the reduction of homocysteine levels in chronic recurrent pain. *Clin. Chem. Lab. Med.*, 2007; 45(5):48-9.

### Editor (Australia) Sarah J. Buckley, MD

Dr Sarah J Buckley is an Australian-based family physician (GP) with training in GP-obstetrics. Since 1996, she has been writing about pregnancy, birth and mothering for public and professional audiences.

Her writing brings together her medical training and expertise, with her experiences as mother to her four children, all of whom were born at home.

Sarah's articles are meticulously researched and present solid medical evidence as well as trust and acknowledgement of the natural processes of birth and mothering. She critiques ob-

stetric care from the widest possible perspectives, including medical, anthropological, cultural and intuitive.

Her work has been published in parenting and professional magazines internationally, including *Mothering* (US); *Midwifery Today* (US); *Journal of Prenatal and Perinatal Psychology and Health* (US); *MIDIRS midwifery digest* (UK); *Byron Child* (Australia) and *Natural Parenting* (Australia).

#### Professional Background and Experience

- 1978-84 Trained as medical practitioner at University of Otago (Dunedin, New Zealand) and Wellington Clinical School.
- 1984 Graduated MB, ChB (MD equivalent)
- 1985 Internship at Nelson Hospital (NZ), general surgery, paediatrics, general medicine, ENT, accident and emergency.
- 1986 Senior intern at Northland base hospital (NZ) Psychiatry; general surgery; rural medicine; obstetrics
- 1986 Gained Diploma of Obstetrics, University of Auckland
- 1987 Family Medicine Training programme in Palmerston North (NZ), including child psychiatry.
- 1988-97 Worked as family physician/GP in variety of settings in Melbourne Australia, including an inner-city Community Health Centre, a suburban family practice and a homebirth practice.
- 1993 Attended homebirths as family physician locum
- 1997 Moved to Brisbane Australia, on long-term leave to raise family and pursue writing career.

#### Mothering and family experience

Married since 1989 to Nicholas Lennox, Associate Professor in Developmental Disability at University of Queensland

- 1990 Emma born at home
- 1993 Zoe born at home, Lotus Birth (non-severance of cord)
- 1995 Jacob born at home, water birth, Lotus Birth
- 2000 Maia born at home, unassisted breech birth, Lotus Birth.
- 1990-2005 Long-term breastfeeding, each child nursed to about age 4
- 1990-2005 Long-term co-sleeping/family bed.

#### Publications

Sarah's work has been mainly aimed at a lay audience, and has been published in parenting magazines internationally. Her book, *Gentle Birth, Gentle Mothering* is due for publication in Sept./Oct., 2005 (see [sarahjbuckley.com](http://sarahjbuckley.com) for more details).

- [1] *Ultrasound- cause for concern*, *Nexus* Oct-Nov 2002;9(6):17-20,82.
- [2] *Epidurals—real risks for mothers and babies*, *Birthkit*, autumn 2002:1,10,11.
- [3] *Drugs in labour—an overview*, *Midwifery Today*, 2004;71:13-20.
- [4] *Ecstatic birth- nature's hormonal blueprint for labour*, *Mothering*, March-April 2002:111;51-61.
- [5] *Undisturbed birth—nature's hormonal blueprint for ease and ecstasy*, *JOPPPAH* 2003;17(4):261-88.
- [6] *Doing no harm at birth*, *Courier Mail*, Brisbane, Jan 5, 2002.
- [7] *Attachment parenting- an introduction*, *Courier Mail* 17 June 1998.
- [8] *The pleasure of extended breastfeeding*, *Courier Mail* 7 May 1998.
- [9] *The cosiness of co-sleeping*, *Newsletter of Nursing Mothers of Australia*, winter 1999;35(3):4-5.
- [10] *Ten tips for safe sleeping*, *Natural Parenting* spring 2003;4:39-40.
- [11] *The foundations of gentle discipline*, *Natural Parenting* spring 2004:25-9.
- [12] *Prenatal diagnosis- technological triumph or Pandora's box?* *Byron Child* Sept-Nov 2004;11:13-20.
- [13] *Maternity care—risks and benefits*, *Doctor Q*, magazine of the AMA (Australian Medical Association), Dec 2004.

### **Current professional interests**

- Cord clamping, third stage of labour, lotus birth (non-severance of cord)
- Undisturbed birth, hormones of labour
- Impact of obstetric interventions on mother and baby
- Prenatal diagnosis and impact on mother-baby relationship
- Life-long impact of obstetric delivery

### **Memberships and appointments**

- Royal Australian College of General Practitioners
- Australian Medical Association
- Maternity Coalition
- Association for Improvements in the Maternity Services
- Homebirth Australia
- Home Midwifery Association Qld
- Australian Breastfeeding Association
- International College of Spiritual Midwifery
- Association of Prenatal and Perinatal Psychology and Health
- Member of expert panel for Mothering (US) website [www.mothering.com](http://www.mothering.com)
- Involved in political lobbying for improved birth choices for women in Queensland and Australia-wide

On-going interests include nutrition and alternative/complementary health and healing.

### **Editor (California, United States)**

#### **John Jacob Cannell, MD**

Dr. John Jacob Cannell currently serves as president of the Vitamin D Council, a non profit corporation working to end vitamin D deficiency. He has been a member of the American Board of Psychiatry and Neurology (No. 037156) since April 1993 and has added qualification in Forensic Psychiatry (No. 41) since December 1994. Dr. Cannell is a member of the American Medical Association (AMA). During his career, Dr. Cannell has dedicated time and effort to halting injustices and inconsistencies in various governmental programs and agencies, including such diverse areas as the following: (1) the "Black Lung" debate, (2) fraudulent testing in public schools, (3) recovered memory scandals, and (4) invalid nutritional claims and standards.

### **Professional Experience**

#### Current Positions

- President, The Vitamin D Council
- Private Practice, Forensic Psychiatry, 1991-present  
Forensic consultation; including outpatient assessment, consultation and testimony in civil and criminal mental health proceedings.
- Staff Psychiatrist, Atascadero State Hospital, 1996-present  
Clinical and forensic consultation; including inpatient assessment, consultation and treatment of mentally ill criminal offenders.

#### Past Positions

- Adult, Adolescent, Child Psychiatry, San Luis Obispo County, 2000-2002 (part time). Clinical consultation;

outpatient treatment of general psychiatric conditions in adults, adolescents and children including psychopharmacology and psychotherapy.

- Adult, Adolescent, Child Psychiatry, 1993-1996. Clinical and forensic consultation; inpatient and outpatient treatment of general psychiatric conditions in adults, adolescents and children including psychopharmacology and psychotherapy; Principal, Missoula Psychiatric Services, Missoula, Montana.
- Staff Psychiatrist, 1991-1996. Consultation; treatment of inpatients, St. Patrick Hospital, Missoula, Montana.
- Staff Psychiatrist, 1991-1996. Consultation; treatment of inpatients. Community Hospital, Missoula, Montana.
- Adult, Adolescent, Child Psychiatry, 1991-93. Clinical and forensic consultation; inpatient and outpatient treatment of general psychiatric conditions in adults, adolescents and children including psychopharmacology and psychotherapy. Western Montana Clinic, Missoula, Montana.
- Psychiatry Training, 1988-91. Inpatient/outpatient evaluation; treatment of adults, adolescents, and children; clinical and forensic consultation. Department of Psychiatry, University of New Mexico Affiliated Hospitals, Albuquerque, New Mexico.
- Principal, Chief of Medical Staff, 1984-88. Outpatient, general medical facility employing four physicians, two physicians' assistants and 15 support staff. Cannell Clinic Inc., Beckley, West Virginia
- Regional emergency medical director, 1981-82. Five-county area, Southern West Virginia. Emergency Medical Services, Beckley, West Virginia
- General Medicine, 1980-84. Sole rural general practice, including internal medicine, gynecology, pediatrics and home health care. Flat Top Family Clinic, Flat Top, West Virginia
- Advanced Cardiac Life Support (ACLS) Instructor, 1979-82. American Heart Association
- Emergency Room Physician, 1977-80. Emergency medical specialist, working in various emergency rooms in California, Mississippi and West Virginia. Emergency Physicians Inc., San Leandro, California

### **Education**

- Residency, Psychiatry, 1988-91; University of New Mexico, Albuquerque, New Mexico
- Internship, General Surgery, 1977; University of Utah, Salt Lake City, Utah
- M.D., 1976; University of North Carolina, Chapel Hills, North Carolina
- B.S., Zoology, 1972; University of Maryland, College Park, Maryland

### **Honors/Grants**

- Honored for research on educational attainment in school children during psychiatry postgraduate training; School of Medicine Affiliated Hospitals, 1991. University of New Mexico, Albuquerque, NM.

- \$48,000 grant, 1989; Continuing research in standardized testing. The Kettering Family Foundation, Dayton, Ohio.
- \$25,000 grant, 1988; Continuing research in standardized testing. The Kettering Family Foundation, Dayton, Ohio
- Phi Beta Kappa, 1972; University of Maryland, College Park, Maryland
- Graduated with high honors, 1972; University of Maryland, College Park, Maryland

## Publications

- [1] Vasquez A, Manso G, Cannell J, The clinical importance of vitamin D (cholecalciferol): a paradigm shift with implications for all healthcare providers. *Altern Ther Health Med.* 2004 Sep-Oct;10(5):28-36; quiz 37, 94.
- [2] Cannell, J, The Vitamin D Newsletter, [www.cholecalciferol-council.com](http://www.cholecalciferol-council.com)
- [3] Cannell J, Hudson J, Pope H. Standards for informed consent in recovered memory therapy. *Journal of the American Academy of Psychiatry and the Law*, 2001;29(2).
- [4] Beahrs J, Cannell J, Gutheil T. Delayed traumatic recall in adults: A synthesis with legal, clinical and forensic recommendations. *Journal of the American Academy of Psychiatry and the Law*, March 1996.
- [5] Educational Resources Information Center, Clearinghouse on Tests, Measurements and Evaluations. Resources in Education, December 1990, Testing Ethics Model Legislation. (Paper presented at the National Council of Measurement in Education annual meeting, Boston, Massachusetts, April 19, 1990.)
- [6] Educational Resources Information Center, Clearinghouse on Tests, Measurements Evaluation. Resources in Education, May 1990, The 'Lake Woebegone' Report: How public educators cheat on Standardized Achievement Tests.
- [7] Friends for Education, 1989, The 'Lake Woebegone' Report: How public educators cheat on Standardized Achievement Tests.
- [8] Educational Measurement, Issues and Practice, 1989, Vol. 7(4), The 'Lake Woebegone' Effect revisited."
- [9] Educational Measurement, Issues and Practice, 1988, 7(2), Nationally normed achievement tests in America's public schools.
- [10] Friends for Education, 1987, How all 50 states are above the National average.
- [11] The Pahlavi Medical Journal, 1976, 7:1-17. The effects of prolonged consumption of wholemeal bread upon metabolism of calcium, magnesium, zinc and phosphorous of two young American adults.

## Memberships/Offices/Public Service

- The American Medical Association, 1981-present
- The American Psychiatric Association, 1991-1999
- The California Medical Association, 1997-1999
- The American Academy of Forensic Science, 1994-1997
- The American Psychology-Law Society, 1993-1995
- Chairperson, Department of Psychiatry, 1997-1998, Atascadero State Hospital
- Chairperson, Credentials Committee, 1997-1998, Atascadero State Hospital
- Chairperson, Interdisciplinary Practice Committee, 1997-1998, Atascadero State Hospital
- Montana Psychiatric Association, 1992-1996, Secretary/Treasurer, 1993
- American College of Emergency Physicians, 1977-82
- VISTA Volunteer, 1969, Inner city community organizing, Waterbury, Connecticut

## Editor (Pennsylvania, U.S.) Harold E. Buttram, MD, FAAEM

Dr. Harold E. Buttram specialized in general internal/family practice and environmental medicine until his retirement on January 1, 2008. He held a state license that was active from Sept. 26, 1969 though Dec. 31, 2008 in the Commonwealth of Pennsylvania State Board of Medicine (#MD 011389-E). From May 31, 1989 to January 1, 2008 he served as a Diplomate on the International Board of Environmental Medicine (ID#30) and from Oct. 2003 to Dec. 2004 served as a Diplomate (Grandfathered) on the American Board of Clinical Metal Toxicology. Since 1999 Dr. Harold E. Buttram has submitted over 90 medical reports in defense of parents accused of child abuse by Shaken Baby Syndrome and/or non-accidental trauma and has appeared in court over 20 times in their behalf. Although he has not served as a witness for the prosecution in any case, he has rejected cases in which there were doubts about the innocence of the accused.

## Professional practice

1962-1966	Family Practice, Richardson, Texas
1966-1970	Family Practice, Portales, New Mexico
1970-1974	Family Practice, Blooming Glen, PA
1974-Dec. 31, 2007	Family Physician, Woodlands Healing Research Center, 5724 Clymer Road, Quakertown, PA 18951.

## Hospital affiliations

1970-1974	Grandview Hospital, Active Staff General Medical and Obstetrical Privileges Voluntary resignation (no longer doing obstetrics)
1998 – Jan. 1, 2008	Lehigh Valley Hospital, Allentown, PA, Affiliate Staff, Family Medicine Department

## Education and training

1946-1950	Undergraduate Education: Texas Western College, Texas Bachelor of Arts Degree in Psychology
1954-1958	Professional Education: University of Oklahoma School of Medicine, OK <b>Doctor of Medicine</b>

## Internship and residency

07/1/58-6/30/59	Rotating Internship  <i>Parkland Memorial Hospital/ Dallas County Hospital</i>
07/1/59-6/30/60	Internal Medicine Residency, PGY1 <i>Parkland Memorial Hospital/Dallas County Hospital</i>
07/01/60-06/30/61	Internal Medicine/Nephrology Fellowship, PGY2 <i>University of Texas Southwestern Medical Center, Dallas</i>
07/1/61-06/30/62	Internal Medicine Residency, PGY3 <i>Baylor University Medical Center</i>

## Military assignments

12/50-12/52	<b>Corpsman, U.S. Army Medical Corp</b>
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## Previous positions

1962-1966	Private Practice, Internal Medicine, Richardson, TX
1966-1970	Private Practice, General Internal Medicine and Obstetrics, Portales, New Mexico
1970-Jan. 1, 2008	Private Practice, Family Practice and Environmental Medicine, Quakertown, PA



## Appointments and positions

Nov. 1996 -present Humanitarian Society, Quakertown, PA

## Membership in professional organizations

1985-present Fellow, American Academy of Environmental Medicine (FAAEM)

## Community service

March 2003-present Estimated 500 hours of pro bono medical-legal work in defense of parents or caretakers whom I believed to have been falsely accused of Shaken Baby Syndrome/non-accidental trauma.

## Publications and presentations

- [1] Freedom of Choice in the Healing Arts, Humanitarian Publishing Co., 1980.
- [2] Today's Health Movement and the Future of America. Humanitarian Publishing Co., 1982.
- [3] Vaccinations and Immune Malfunction. Humanitarian Publishing Co., 1983.
- [4] Vaccinations and Immune Malfunction. Section IV, Chpt. VaccIM, in A Textbook of Natural Medicine. Pizzorno J, Murray M, eds. John Bastyr College Publications, 1987.
- [5] For Tomorrow's Children, A Manual for Future Parents. Preconception Care, Inc., 1990.
- [6] Contributing author to It's Only Natural. Humanitarian Publishing Co., 1996.
- [7] Our Toxic World, Who Is Looking After Our Kids? Foresight America Foundation for Preconception Care, 1996.
- [8] If We Are to Save a Generation of Children, We Must Do Better Than We Are Doing Now. Townsend Letter for Doctors and Patients, Oct. 1997.
- [9] MMR Vaccine As a Possible Cause of Encephalitis in Children. Townsend Letter for Doctors and Patients, Dec. 1997.
- [10] National Childhood Vaccine Injury Act: A Critique. Townsend Letter for Doctors and Patients, Oct. 1998.
- [11] Vaccine Scene 1999: Overview and Update. Townsend Letter, Dec. 1999.
- [12] Vaccine Scene 2001 Update and Overview. Townsend Letter for Doctors and Patients, June 2001.
- [13] Shaken Baby Syndrome or Vaccine Induced Encephalitis. Medical Sentinel, Fall, 2001.
- [14] Shaken Baby Syndrome or Vaccine Induced Encephalitis? The Story of Baby Allen. The Journal of Degenerative Diseases, July 1, 2001.
- [15] An Appeal for Clean Air in the Workplace. Townsend Letter, Aug./Sep. 2002.
- [16] Are Vaccines Sowing Seeds of Genetic Change? Philosophical Publishing Co., 2002.
- [17] Shaken Baby Syndrome or Vaccine-induced Encephalitis? Townsend Letter, Oct. 2003.
- [18] Vaccines and Genetic Mutation, Townsend Letter, Oct. 2003.
- [19] Vaccines, Vitamin C Depletion, and Shaken Baby Syndrome. www.Redflagsdaily.com, Nicholas Regush Editor, 2003.
- [20] Rules of Evidence in the Courts. www.Redflagsdaily.com, Nicholas Regush Editor, 2003.
- [21] Childhood Immunizations and Abrupt-Onset Apnea www.Redflagsdaily.com, 2004.
- [22] Vaccine Scene, 2004 Update: Still MMR Vaccination, Mercury, and Aluminum. Medical Veritas, April, 2004; 1(1):130-5.
- [23] Superficial and Misleading Critique. British Medical Journal, Letter-to-Editor, Oct. 5, 2004. bmj.bmjournals.com/cgi/eletter
- [24] Superficial and Misleading Critique. British Medical Journal, Letter-to-Editor, Oct. 5, 2004. bmj.bmjournals.com/cgi/eletters/325/7373/1134/a#76534.
- [25] Presentation on Environmental Medicine, Holistic Moms Network, Natural Living Conference. Nov. 6, 2004, Fairfield, New Jersey.
- [26] Presentation on Shaken Baby Syndrome. Missouri State Public Defender Workshop. Dec. 3, 2004, Lodge of Four Seasons on Lake of the Ozarks.
- [27] Does free iron in the brain interact with vaccines to trigger lipid peroxidation and hemorrhagic encephalopathy? Journal of the American Physicians and Surgeons, Fall, 2004.

- [28] Vaccine Safety Tests: What Are They? Why Do We Need Them? Why Are They Not Being Done? Vaccine Risk Awareness Network Inc (VRAN), Spring/Summer 2005. (also www.redflagsdaily.com in 2004)
- [29] Food Processing and Commercial Chemicals: Their Potential Effects on the Brain, Nervous system, and Psyche during Childhood, Latitudes ONLINE, www.latitudes.org/membership/1/vol07/chemicals001.html, Dec. 27, 2005; 7(1)
- [30] Shaken Baby Syndrome: A phantom diagnosis without scientific basis. Latitudes, Mar. 31, 2006. Available online at www.latitudes.org/member-ship/1vol107/shakenbaby.html
- [31] Vaccines, Mercury, and Genetic Change, Vaccine Risk Awareness Network Inc (VRAN), Winter-Spring, 2007.
- [32] Reminiscences of America's children in the 1930s as compared with today, and the possible role of vaccines in causing retrogressive changes, prepared in support of Vaccine Information Center. Medical Veritas, 2007 Nov; 4(2):1520-1
- [33] Vaccines and inflammatory lipid peroxidation of the brain. Prepared for medical-legal purposes.
- [34] Abrupt onset apnea and/or seizures attributed to Shaken Baby Syndrome, more likely caused by vaccines: report of 56 cases. Prepared for medical-legal purposes.
- [35] Declining child health and the role of vaccines. Vaccine Risk Awareness Network Inc (VRANewsletter), Fall, 2007.
- [36] Mandatory childhood vaccine programs: are they becoming America's Trojan Horse? Available online at vaccinationnews.com/Scandales/2008/Feb\_08/Scandal87.htm

## Editor (Australia)

### Mark Joseph Donohoe, MB BS

Dr. Donohoe graduated from the Faculty of Medicine at Sydney University in 1980, and has worked in private general practice since 1983.

He has specialized in environmental and nutritional medicine for eighteen years. He is a Fellow of the Australasian College of Nutritional and Environmental Medicine (FACNEM), a member of the Australian Integrative Medicine Association (AIMA), a member of the National Scientific Advisory Committee on Complementary Medicine (NSACCM), and was a member of the NSW Health Claims and Consumer Protection Advisory Committee (HCCPAC) from 2002-4.

In 1994, he was elected founding president of the Australian Comprehensive Medicine Association (ACMA). Its mission was to foster the incorporation of safe and effective complementary and alternative medicine modalities into medical practices in Australia.

In 1998, he was appointed to the editorial board of FACT (Focus on Alternative and Complementary Therapies), an international medical journal reviewing the research and evidence in the field of complementary and alternative medicine.

Dr. Donohoe is currently president of the Natural Health Care Alliance (NHCA), a national umbrella body representing the Natural Healthcare/Complementary Medicine profession, and committed to establishing Australia's first true health care system, based on natural healthcare.

Dr. Donohoe practices with a variety of orthodox and complementary practitioners in Australia's premier integrative medicine practice, *YourHealth Manly*.

## Education and professional appointments

- Faculty of Medicine, University of Sydney, Bachelor of Medicine, Bachelor of Surgery. Graduated 1980
- Inaugural president, Australian Comprehensive Medicine Association. 1994-1997

- Member Royal Australian College of General Practitioners (RACGP) committee for review of complementary and alternative medicine. November 1995
- Fellowship of Australian Society of Environmental Medicine, 1996
- Member of Editorial Board, FACT Journal. University of Exeter UK. 1998-2001
- Fellowship of Australian College of Nutritional & Environmental Medicine. 2001
- Member, NSW Government Health Claims and Consumer Protection Advisory Committee, 2002-2004
- Member National Scientific Advisory Committee on Complementary Medicine (NSACCM), 2003-present

### Professional Medical Career

- 2004-present. Medical Practitioner, YourHealth Manly integrative medical practice. Allergy Clinic specialist
- 1996-2004 Referral based medical practice, specialised in environmentally induced illness, allergy, chemical sensitivities and chronic fatigue syndrome. Mosman, Sydney
- 1991-1999 Clinical researcher associated with University of Newcastle (Clinical research and publications in peer reviewed medical literature, primarily related to chronic fatigue syndrome and chemical injury)
- 1992-1994 Referral based specialised medical practice, 17 Cowles Rd, Mosman 1989-1992
- 1989-1992 Medical Director, Environmental Medicine Centre (referral-based, three doctor medical practice specialised in environmental medicine)
- 1989-1992 Medical Director, Special Environment Allergy Clinic, Manly Waters Hospital (inpatient multidisciplinary hospital unit)
- 1986-1990 Medical Consultant, Complementary Medicine Centre, Rushcutters Bay
- 1983-1989 Solo General Practice, Central Coast, NSW
- 1982 Medical Resident & Surgical Registrar, Gosford Hospital
- 1980 - 1981 Medical Intern and Resident, Lidcombe Hospital

### Peer Reviewed Medical Publications

- [1] Dunstan RH, Donohoe M, Taylor W, Roberts TK, Murdoch RN, Watkins JA, McGregor NR. A preliminary investigation of chlorinated hydrocarbons and chronic fatigue syndrome *Med J Aust* 1995; 163:294-297.
- [2] Dunstan RH, Roberts TK, Donohoe M, McGregor NR, Hope D, Taylor WU, Watkins JA, Murdoch RN, Butt H. Bioaccumulated chlorinated hydrocarbons and red/white blood cell parameters. *Biochem Molec. Med.* 1996; 58:77-84.
- [3] Roberts TK, McGregor NR, Dunstan RH, Donohoe M, Taylor W, Murdoch RN, Hope D, Zhang S, Butt HL, Watkins JA, Taylor WU. Immunological and haematological parameters in patients with chronic fatigue syndrome. *J. Chronic Fatigue Syndrome* 1998; 4(4):51-65.
- [4] McGregor NR, Dunstan RH, Donohoe MJ, Roberts TK, Butt HL, Watkins JA, Murdoch RN, Taylor WG. Assessment of Plasma Fatty Acids and Sterols in Sudden- and Gradual-Onset Chronic Fatigue Syndrome Patients. *J Nut Envir Med* 2000; 10:13-23.
- [5] Evidence-based medicine and shaken baby syndrome: part I: literature review, 1966-1998. *Am J Forensic Med Pathol.* 2003 Sep;24(3):239-42.

### Other medical Publications

- [1] The cost of CAM - debates and issues. Donohoe MJ. *Journal of Comp Med* Jan-Feb 2003;46-8.
- [2] Introduction to the indoor environment and health. Donohoe MJ *Environment Design Guide*, Royal Australian Institute of Architects (RAIA). 1997, revised 2002.
- [3] Multiple chemical sensitivities - debate. Donohoe MJ *Australian Doctor* June 1998.
- [4] 1995 Proceedings of the Complementary Medicine in Chronic Fatigue Syndrome National Consensus Conference Donohoe MJ. Editor 1995.
- [5] Doctors talk to doctors about CFS. Donohoe MJ. In: *Chronic Fatigue*. Vayda W. Simon & Schuster 1991:208-231
- [6] *Environmental Medicine 1991 Seminar Handbook*, Donohoe MJ. Ed. Macquarie Health Corp 1991.

### Other Publications

- [1] Immig J, Corbett A, Donohoe MJ. Application for inclusion of diagnosis of multiple chemical sensitivities (MCS) in ICD-10 (Australia), March 2002.
- [2] Donohoe MJ. From disease care to health care -the place of complementary & alternative medicine in Australia, September 2001.
- [3] Donohoe MJ..Multiple chemical sensitivities - State of the Science (Review) *Continuing Legal Education*, May 2001.
- [4] Donohoe MJ. Critique of the Draft Clinical Practice Guidelines for Chronic Fatigue Syndrome. Submission to the RACP Working Group. 1998 and 2000.
- [5] Donohoe MJ Scott's Creek storage tunnel vent health risk assessment report, August 1999.
- [6] Donohoe MJ. Senate Air Safety Inquiry - submission regarding safety of BAe-146 aircraft, May 1999.
- [7] Donohoe MJ.Submission to Cosmetic Surgery Inquiry of Health Care Complaints Commission, 1999.
- [8] Donohoe MJ. Community exposure to agricultural chemicals - report on medical issues and summary of medical and toxicological literature. Report commissioned by the Total Environment Centre for mediation in Gunnedah, September 1997.
- [9] Donohoe MJ. Centre for Disease Control CFS diagnostic checklist (from outcomes of the Complementary Medicine in CFS National Consensus Conference), 1995.
- [10] Donohoe MJ. ACMA Directions and opportunities position paper v 2.6, 1994-98.

## Editor (Kenya, Africa) Bonnie S. Dunbar, PhD

Bonnie S. Dunbar was born in 1948 in Sterling, Colorado, USA. She graduated from the University of Colorado (Boulder) with a B.A. in Zoology in 1970 and M.A. in Physiology in 1971. She earned a Ph.D. in Zoology in 1977 at the University of Tennessee (Knoxville) and engaged in postdoctorate work in Biochemistry and Biophysics at the University of California (Davis). Her professional positions include serving in the following capacities:

1. 1971-1973 Scientist, Oceanography Mariculture, Inc. West Palm Beach, Florida.
2. 1973-1975 Staff Scientist, The Harbor Branch Foundation, Smithsonian Institution Marine Laboratory, Fort Pierce, Florida
3. 1978-1981 Staff Scientist, The Population Council, The Rockefeller University, New York, New York.
4. 1981-1984 Assistant Professor, Department of Cell Biology, Baylor College of Medicine, Houston, Texas.
5. 1984-1994 Associate Professor, Department of Cell Biology and Department of Obstetrics and Gynecology, Baylor College of Medicine, Houston, Texas.
6. 1994—2004 Professor, Department of Molecular and Cellular Biology, Baylor College of Medicine, Houston, Texas (Currently Adjunct Professor)
7. 2001-2002 Fulbright Scholar to Africa (Kenya)
8. 2003-Present Honorary Lecturer, University of Nairobi, Kenya

Dr. Dunbar is a member of the following societies: American Association for the Advancement of Science; Society for the Study of Reproduction; Endocrine Society; American Society for Cell Biology; Electrophoresis Society (Charter Member); International Society of Reproductive Immunology; New York Academy of Sciences; The Enzyme Club of New York; American Society of Anatomists; American Society of Reproductive Immunology.

She has served as a member on the editorial boards of *Biology of Reproduction*, *International Journal of Reproductive*

Immunology, and Journal of Reproductive Immunology. She is a regular reviewer for American Journal of Reproductive Immunology, Biochemistry, Developmental Biology, Electrophoresis, Endocrinology, Gamete Research, Journal of Cell Biology, Journal of Clinical Endocrinology and Metabolism, Journal of Experimental Biology and Medicine, Journal of Fertility and Sterility, Journal of Histochemistry and Cytochemistry, Journal of Reproduction and Fertility, Obstetrics and Gynecology, Science, Molecular Endocrinology, Molecular Reproduction, and BioTechniques.

She has participated on the following committees and study sections:

- 1978-1981 The Population Council, The Rockefeller University - Policy Impact Committee.
- 1983 Society for the Study of Reproduction - Education Committee.
- 1982-1986 Baylor College of Medicine, Animal Resources Committee: Chairman of Subcommittee for Internal Facility Inspection for NIH Reports; Subcommittee for Satellite Animal Facility. Committee for Publicity on Animal Research. (Including professional media training by Ogilvy & Mather Public Relations)
- 1984-1985 Society for the Study of Reproduction - Program Committee.
- 1984-1986 CBH - Graduate Student Advisory Panel (Chairman 1985-1986)
- 1984-1985 World Health Organization Task Force and Advisory Panel on Reproductive Immunology; World Health Organization Site Visit Team, Family Planning Institute, Guangzhou, China.
- 1986-1989 Graduate Student Admissions Committee.
- 1985-1997 Baylor College of Medicine Patent and Copyright Committee, Chairman, Subcommittee on Technology Transfer Policies.
- 1983-1987 Society for the Study of Reproduction - Reproductive Cell Biologists (Chairman); Program Committee; Education Committee.
- 1987 NIH Special Study Section on Immunological Contraceptive Development.
- 1987 NIH Study Section on Shared Instrumentation (Ad Hoc member).
- 1988 NIH Study Section on University-Industry grant (SIBR) project (Chairman).
- 1988-1990 National Science Foundation Study Panels, Regulatory Biology, Training Grant Program.
- 1988 NIH Study Special Study Section on Reproductive Biology
- 1990 Committee for Evaluation of Medical Student Liaisons
- 1990 Chairman, Committee of LCME Evaluation of Immunology and Microbiology
- 1991 NIH Site visit team for Technology Development panel.
- 1991 Medical Research Council of Canada, Site visit team for center project on reproductive biology.
- 1991 NIH Study section for Interinstitutional Contraceptive Center Projects
- 1991 NIH Study section for Prostate Cancer Center evaluation
- 1991 NIH Review Panel Site Visit - Harvard University Population Centers Grant
- 1991-1992 Ad hoc reviewer, USDA Reproductive Sciences Division
- 1993 NIH Study Panel, Molecular Immunology of Sexually Transmitted Diseases
- 1993-1995 Baylor College Medicine, Medical School Curriculum Retreat Committee, Extramural Graduate School committee, Cell Biology Graduate Student, Education committee, Adopt a Graduate Student Committee; Graduate, School Curriculum

Committee; High School Summer Science Student Committee

- 1994-1999 NIH Study Section of Reproductive Biology- Regular Member
- 1997 Advisor to National Institute of Health Contraceptive Development Branch
- 1999 NIH Working group on Global Health Issues
- 1999-2002 Advisor for NIH Joint working group for US/Indo Program (invited organizer of workshop in New Delhi, 2002 on role of Reproductive Tract in Sexually Transmitted Diseases)

Dr. Dunbar has been the recipient of the following honors and awards:

- Award for best paper and presentation, Southwest Developmental Biology Symposium, Atlanta, GA, 1973.
- Honorary Advisor to Guang Zhou Committee of Science and Technology, City Government of Guang Zhou, 1984.
- World Health Organization Advisory Panel, 1984-1988. repeat Site Visits of Institutes in Guangzhou, Chengdu and Beijing, China.
- Nominated from Baylor College of Medicine for PEW Scholar Award.
- Participant in NIH-Reagan-Ghandi Initiative Program.
- Thesis Advisor for Graduate (M.D., Ph.D.) Student (Kenneth Washenik) who won 1987 award for the American Medical Association for Overall Excellence of Research and the Mead Johnson Excellence of Research Award for Graduate Student Division at the 28th Annual National Student Research Forum.
- Nominated for Director of Society for the Study of Reproduction
- Postdoctoral fellow (Dr. Vaughn Lee) nominated for Young Investigator Award - Society for the Study of Reproduction. August 1991 meeting.
- Griff T. Ross Memorial Lecturer (National Institutes of Child Health and Development) October, 1991
- American Society of Cell Biology - Summer Fellowship to Sponsor High School Biology, (Two awards for two high school teachers,
- Expert Panel for US Department of Agricultural, Division of Wildlife. May, 1992.
- Workshop speaker for Techniques symposia on techniques, Society for the Study of Reproduction, July, 1992
- Methodist Hospital Oncology Symposia - Award for best clinical research, April, 1993
- Dr. Eric Schwoebel, former graduate student and director of students at the Institute of Primate Research in Nairobi, Kenya. Student of twinning institute award between BCM and the Institute of Primate Research in Kenya, Student, Dr. Mary Oguna awarded "Best young scientist researcher at the Pan-African meeting of Biochemistry and Molecular Biology.
- National Institutes of Health - Honored as First Margaret Pittman Lecturer in recognition of pioneering work on contraceptive vaccine development - (October, 1994).
- Advisory board of scientific research for the National Vaccine Information Center. (1998-present)
- Advisory board of the National Humane Society. (1999- present)
- Founding member of Baylor Research and Science Scholars (BRASS) (1995- present).
- Advisory board of National Institutes of Health on International Development (Sept. 1999).
- US/India Joint working group on Population I - January 2000 - present
- Consultant to the United States Humane Society August 1999 to present
- Fulbright Scholarship to Africa (Kenya) August 2001 to August 2001

Dr. Dunbar has assisted with the following television productions and programs:

- WFAA-TV: American Broadcasting Company affiliate in Dallas, Texas as Association for the Advancement of Science Mass Media Intern (1976).
- Cancer: The Clues in the Cell, B. Dunbar, Writer, Producer, and Narrator (30 minute documentary). WFAA, 1976
- Children's Series on "Biology of the Cell" and "Marine Biology" for the Mr. Peppermint Show. B. Dunbar, Producer (10 programs). WFAA, 1976
- Live Morning Talk Shows on Medical Research, WFAA, 1976
- Channel 8: Joyce Gay Report - Interview, Houston, Texas, September, 1990
- Channels 2, 11, 29. Multiple evening news reports - Houston, Texas, 1991-1998. ABC affiliate, Miami, 1998 (Emmy award winning series on adverse reactions to Hepatitis B vaccine.
- Discovery Channel - Beyond 2000 - 20 min. segment on contraceptive vaccine research and interview (International - US 1993)
- Interview for ABC 20/20 on autoimmune reactions following Hepatitis B vaccination and viral molecular mimicry and autoimmune diseases

Patent and patient expert witness experience includes the following:

- Method of Preparation and Use for Zona Pellucida Antigens and Antibodies for Sterilization and Contraception (Patent #4,996,297 issued, 1991)
- Monoclonal antibody for diagnostic and therapeutic use in ovarian cancer. (patent issued 1995)
- Contraceptive vaccine comprising a glycosylated 55 kDa zona pellucida protein immunogen and method of use of the same in contraception (Patent #US5,637,300, 6/10/97)
- Methods of preparation and use for zona pellucida antigens and antibodies for sterilization and contraception (Patent # 5820863 issued 10/13/1998)
- Expert witness for Praxis/American Cyanamide. Successful defense of patent on Hibtiter vaccine

Dr. Dunbar is credited with over 100 peer-reviewed publications and reviews and has written the following books:

1. Dunbar BS. (sole author) (1987) Two-Dimensional Gel Electrophoresis and Immunological Techniques, 372 pages, Plenum Press, New York. (over 6000 copies sold) (Edition Two, In preparation)
2. Dunbar BS, O'Rand M. (Eds.) (1991) A Comparative Overview of Mammalian Fertilization (23 chapters, Plenum Press, NY).
3. Dunbar BS. (Ed.) (1993) Protein Blotting Techniques. At request of Series Editors R Rickwood and D Hames; IRL Series on Practical Approaches in Biochemistry.
4. Dunbar BS (1995-future) Series Editor on Methods in Cell and Molecular Biology Series, Plenum Press, NY. (2 books currently in print and 4 others in preparation)

Dr. Dunbar has authored or co-authored the following book chapters and reviews:

- [1] Dunbar BS, Shivers CS. Immunological aspects of sperm receptors on the Zona Pellucida of mammalian eggs. *Immunol. Commun*, 1976;5(5):375-86.
- [2] Dunbar BS. Model systems to study the relationship between antibodies to zona and infertility: Comparison to rabbit and porcine Zonae Pellucidae. Ninth Inter. Cong. on Animal Repro. and Artificial Insemination II, 1980:191-99.
- [3] Dunbar BS. Characterization of antibodies to Zonae Pellucidae antigens and their role in fertility. Proceedings of the International Conference on Reproductive Immunology. T Gill, T Wegmann, eds., Oxford Univ. Press, England, 1982:505-35.
- [4] Dunbar BS. Morphological, biochemical and immunochemical characterization of the mammalian Zonae Pellucidae. In: *Mechanisms of Mammalian Fertilization*. J Hartmann, ed., Academic Press, 1982:140-67.
- [5] Dunbar BS. Protein analysis using high-resolution two-dimensional polyacrylamide gel electrophoresis. In: *Handbook of Molecular Endocrinology*. W Schrader, B O'Malley, eds., Houston Biol. Assn, 1983-1987.

- [6] Dunbar BS, Wolgemuth D. Structure and function of the mammalian Zonae Pellucidae. In: *Modern Cell Biology*, B Satir, ed., Alan R. Liss, New York, publisher, 1984.
- [7] Skinner S, Dunbar B. Species variation of the morphological, immunochemical, and biochemical properties of mammalian zonae pellucidae. Fogarty Internat. Center Meeting on Reproductive Immun. P Talwar, ed., Plenum Press, New York, 1986.
- [8] Gupta SK, Bhatnagar P, Dunbar BS, Sehgal S. Immunohistological studies during immunization of primates with porcine zona pellucida. Fogarty Internat. Center Meeting on Reproductive Immun. P Talwar, ed., Plenum Press, New York, 1986.
- [9] Timmons TM, Dunbar BS. Antigens of mammalian Zona Pellucida. In: *Current Concepts in Immunoreproduction*. S Mather, CM Fredericks, eds., Hemisphere Publishing Corporation, 1988:242-60.
- [10] Timmons TS, Maresh G, Dunbar BS. Protein Analysis using high-resolution two-dimensional polyacrylamide gel electrophoresis. In: *Handbook of Molecular Endocrinology*. W Schrader, BW O'Malley, eds., Houston Biol. Assoc, 1988.
- [11] Schwoebel E, Dunbar BS. Fertility and infertility studies for benefit of animals and man. *J. Amer. Vet. Med. Assoc.*, 1988; 9:193-205.
- [12] Washenik K, Skinner S, Maresh G, Dunbar BS. Ovarian development and the formation of the Zona Pellucida. In: *The Mammalian Egg Coat: Structure and Function*, J Diet, ed., Springer-Verlag, New York: New York, 1989:49-60.
- [13] Skinner S, Timmons T, Schwoebel E, Dunbar BS. Zona Pellucida antibodies. In: *Fertility and Infertility. Immunology and Allergy Clinics of North America*, 1989;10:185-97.
- [14] Dunbar BS, Schwoebel E. Preparation of polyclonal antibodies. In: *Guide to Protein Purification Techniques. Methods in Enzymology*, M Deutcher, ed., Academic Press, New York, 1990; 128:663-9
- [15] Dunbar BS, Skinner S. Preparation of monoclonal antibodies. In: *Guide to Protein Purification Techniques. Methods in Enzymology*, M. Deutcher, ed., Academic Press, New York, 1989;128:670-8.
- [16] Timmons T, Dunbar BS. Protein blotting techniques and immunodetection. In: *Guide to Protein Purification Techniques. Methods in Enzymology*, M Deutcher, ed., Academic Press, New York, 1990; 128:679-87
- [17] Dunbar BS. Ovarian antigens and infertility. *Am. J. Reprod. Immun.*, 1989;21:28-31.
- [18] Dunbar BS, Washenik K, Skinner S. Methods for the development and use of monoclonal and polyclonal antibodies. In: *Handbook of Molecular Endocrinology*. W Schrader, BW O'Malley, eds., Houston Biological Assn, 1989 and 1990.
- [19] Dunbar BS, Kimura H, Timmons TM. Protein analysis using high resolution two-dimensional polyacrylamide gel electrophoresis. In: *Guide to Protein Purification Techniques. Methods in Enzymology*, M Deutcher, ed., Academic Press, New York, 1990; 28:441-58.
- [20] Dunbar BS, Prasad M, Timmons T. Comparative mammalian Zonae Pellucidae. In: *Comparative Overview of Mammalian Fertilization*, BS Dunbar, M O'Rand, eds., Plenum Press, 1991:97-114.
- [21] Timmons T, Skinner S, Dunbar B. Maturation of the mammalian Zona Pellucida. In: *Proceedings of an International Workshop on Gamete Interaction: Prospects for Immunocontraception*, N Alexander, AA Acosta, eds., 1991:277-92.
- [22] Dunbar BS. Development of contraceptive vaccines. In: *NIH Symposium on Contraceptive Development: Opportunities in Contraception: Research and Development*. F Hazeltine, K Laguardia, eds.; submitted for publication - proceedings still not published, 1992.
- [23] Dunbar BS. Application of immunological contraceptive vaccines in wildlife management. In: *Advances in Reproductive Research in Man and Animals*. Inst. of Primate Res. National Museums of Kenya; Symposia on: Elephant Demography and Fertility Control, 1994.
- [24] Wilkins B, Dunbar BS. Molecular analysis and dissection of antigenic domains of mammalian Zona Pellucida. In: *2nd International Congress on: Advances in Reproductive Research in Man and Animals*. (Nairobi, Kenya,) Animal Reproduction. C Bamba, ed., 1994.
- [25] Lee V, Dunbar B. Sample preparation of immunoblotting procedures. In: *Protein Blotting Techniques (IRL Practical Approach Series)* BS Dunbar, ed. Oxford Press, London England, 1993.
- [26] Dunbar B. Introduction and basic equipment. In: *Protein Blotting Techniques (IRL Practical Approach Series)* BS Dunbar, ed., Oxford Press, London England, 1993.
- [27] Dunbar BS. Immunocontraception in wildlife management. Symposia on Wildlife Contraception. USDA, 1995.



- [28] Dunbar BS. Role of ovarian antigens in fertility and infertility. In: Immunology of Human Reproduction. Kurpisz, Fernandez, eds. BIOS Scientific Publishers LTD, Oxford, England, 1995.
- [29] Skinner S, Prasad S, Ndolo R, Dunbar B. Zona Pellucida antigens: targets for contraceptive vaccines. In: International Congress on Zona Pellucida Antigens and Contraception. Gupta, ed. J Fertil. and Steril. J. Reprod. 1996;Suppl. 35(3):163–74.
- [30] Ndolo R, Oguna M, Bambra C, Dunbar BS, Schwoebel E. Immunogenicity of zona pellucida vaccines. In: International Congress on Zona Pellucida Antigens and Contraception. Gupta, ed., J. Fertil. and Steril. J. Reprod. 1996;Suppl. 50:151–8.
- [31] Prasad SV, Skinner SM, Dunbar BS. Zona Pellucida antigens and the regulation of fertility: An immunocontraceptive approach. In: New Horizons in Reproductive Medicine, C Coutifaris, L Masianni, eds. The International Congress, Symposium and Seminar Series. Vol. 12. The Parthenon Publishing Group, 1997: 129–44.
- [32] Dunbar BS, Prasad S, Carino C, Skinner SM. The ovary as an immune target. J Soc Gynecol Investig, 2001 Jan-Feb;8(1 Suppl.):S43–8.
- [33] Prasad SV, Skinner SM, Carino C, Wang N, Cartwright J, Dunbar BS. Structure and function of the proteins of the mammalian Zona pellucida. Cells Tissues Organs, 2000;166(2):148–64.
- [34] Dunbar BS, Skinner S, Kaul G, Prasad SM. Molecular approaches for the evaluation of responses to Zona Pellucida and development of second generation ZP vaccines. Reprod. Suppl. 2002; 60:9–18.
- [35] Dunbar BS, Skinner SM. The role of the female reproductive system in immunocontraception. In: “The Uterus”. (In Press) 2002.
- [36] Dunbar B, Skinner S. Sécurité et efficacité des vaccins: questions scientifiques en suspens. Les Vaccinations en question. P Lannoye, ed. Editions Frison-Roche, 2003.

## Editor (France)

### Marc Girard, MSc, MD

After a first training leading to a MSc in mathematics (partial differential equations), Marc Girard became a MD in parallel of his research on mathematical modelling. He works on drugs mainly as a consultant for pharmaceutical firms, and also practices as a psychotherapist of Freudian obedience. Besides a number of scientific papers, he published also in literary criticism, especially about Flaubert, Balzac, Zola as well as the Grimm’s tales. As a medical expert witness, he has been commissioned by French judges for reporting on most of the litigations involving drugs (growth hormone, diethylstilbestrol, hepatitis B vaccines, cerivastatine, gulf war syndrome, and others). Unprecedented, the resulting harassment exerted on him by some firms (his former clients) has been given some media coverage in France.

### Professional Experience

- Research in mathematic modelling: 1976-1982
- Project leader in the pharmaceutical industry (R&D): 1982-1987
- Independent consultant (clinical research, drug monitoring, pharmacoepidemiology): since 1988
- Medical expert witness (Drug and biomedical research)
- Psychotherapist

### Memberships

- Association Française de Psychiatrie Biologique
- Association of European Psychiatrists
- British Association for Psychopharmacology
- Royal Society of Medicine
- Institut des Textes et Manuscrits Modernes
- Association of European Recognized Experts

### Awards

- Médaille d’argent of Paris Medical University (1983)
- Depression Organon’s Award (1987)

### Publications

As a number of his reports are secret by Court order and because of repeated litigations by some manufacturers to obtain disciplinary actions against his writings on drugs or pharmaceutical industry (presented as incompatible with the “impartiality” normally expected from an expert...), Dr Girard’s publications corresponds only to a small part of his work.

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### Literary papers

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## Editor-in-Chief (California, United States) Gary S. Goldman, PhD

Dr. Gary S. Goldman served 8 years (1995-2002) as research analyst on the Varicella Active Surveillance and Epidemiological Studies Project conducted by the Los Angeles County Department of Health Services (LADHS), Acute Communicable Disease Control Unit in a cooperative agreement with the Centers for Disease Control and Prevention (CDC, Atlanta, GA).

He graduated with honors from California State University, Fullerton, (CSUF) in 1976 with a double major: Bachelor of Science Degree in Computer Science and B.S. Degree in Engineering. In 1980 he served as Vice-President of Systems Development of Cascade Graphics Development where he produced the first microcomputer-based computer-aided drafting (CAD) system prior to the AutoCAD system. Dr. Gilbert McCann, professor emeritus of CalTech, served on the board of directors of this corporation. Gary S. Goldman received a Ph.D. in Computer Science from Pacific Western University in September, 1982. He served as a part-time associate professor at CSUF instructing both graduate and undergraduate courses in programming and statistics, digital logic design and switching theory, and others. In collaboration with a school psychologist, he developed the Goldman-Blake method for remediation of children with specific visual process deficits which was used in an experimental study program at Hope-Haven Hospital, Florida.

Dr. Goldman enjoys heuristic programming (programs based on knowledge or intuition concerning solutions to a problem). He founded Medical Veritas International (MVI) Inc. and from 2004 to 2009 served as Editor-in-Chief of *Medical Veritas: The Journal of Medical Truth* which was a 2009 Mom's Choice Awards® Silver Recipient in the category of Magazines — Health, Nutrition, Fitness & Safety.

### Recent Publications

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- [18] Infant mortality rates regressed against number of vaccine doses routinely given: Is there a biochemical or synergistic toxicity? Miller NZ, Goldman GS. Hum Exp Toxicol., 2011 Sept.; 30(9):1420-8. (Sage Open Access article: [http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3170075/pdf/10.1177\\_0960327111407644.pdf](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3170075/pdf/10.1177_0960327111407644.pdf))
- [19] Relative trends in hospitalizations and mortality among infants by number of vaccine doses and age, based on the Vaccine Adverse Event Reporting System (VAERS), 1990-2010. Goldman GS, Miller NZ. Hum Exp Toxicol 2012 Oct; 31(10):1012-21.
- [20] Comparison of VAERS fetal-loss reports during three consecutive influenza seasons: Was there a synergistic fetal toxicity associated with the two-vaccine 2009/10 season? Goldman GS. Hum Exp Toxicol 2013 May;32(5):464-75.
- [21] Review of the United States universal varicella vaccination program: Herpes zoster incidence rates, cost-effectiveness, and vaccine efficacy primarily based primarily on the Antelope Valley Varicella Active Surveillance Project data. Goldman GS, King PG. Vaccine 2013 Mar 25; 31(13):1680-94; <http://dx.doi.org/10.1016/j.vaccine.2012.05.050>
- [22] Vaccination to prevent varicella: Goldman and King's response to Myers' interpretation of Varicella Active Surveillance Project data. Goldman GS, King PG. Hum Exp Toxicol. 2014 Aug;; 33(8):886-93.

## Journal Peer-Reviewer

- Journal of the American Medical Association (JAMA)
- The American Journal of Managed Care (AJMC)
- Vaccine
- Expert Review of Vaccines (ERV)
- Expert Review of Dermatology (ERD)
- Research and Reviews in BioSciences
- Journal of the European Academy of Dermatology and Vene-reology (JEADV)
- Epidemiology and Infection
- BioMed Research International (Biomed Res Int)
- British Medical Journal (BMJ)

## Radio Interviews

Date	Station	Location	Host
Feb. 3, 2006	Liberty Radio	Santa Cruz, CA	Dr. Stanley Monteith
Jan. 4, 2007	WFNC AM 620 News Talk	Fayetteville, NC	Jim Cooke
Feb. 21, 2007	AM 1150 KKNW Alternative Talk	Issaquah, WA	Brenda Michaels & Rob Spears
April 11, 2007	AM 1480 WHBC	Canton, OH	Fred Chennevey & Pam Cook
April 13, 2007	Fox News Radio 600 KCOL	Denver / Boul-der, CO	The James Gang
April 18, 2007	KXYL FM 96.9 News Talk	Brownwood, TX	Sam Coursey and Jesse Jones
April 28, 2007	The American Activist, Short Wave 12.180	Galaxy 15 Satel-lite	Ingri Cassel
May 31, 2007	www.Highway2Health.net	In Short Order	Sue Vogan
Nov. 11, 2007	Syndicated Radio	Erskine Radio	Erskine
Mar. 11, 2008	KXYL FM 96.9 News Talk	Brownwood, TX	Sam Coursey and Jesse Jones
Mar. 17, 2008	AM 600 KOGO	San Diego, CA	The Roger Hedgecock Show
Mar. 22, 2008	Syndicated Radio	Erskine Radio	Erskine
Mar. 23, 2008	News Radio 1040 WHO	Des Moines, IA	The Steve Deace Show
April 1, 2008	News Talk 800 WVHU	Huntington, WV	Tom Roten
Oct. 2, 2009	Medical Voices Webnar		Mayer Eisenstein, MD, JD, MPH

## Books Edited

- [1] Orrin M. The Chickenpox Vaccine: A new epidemic of disease and corruption. Goldman GS (ed.). Medical Veritas International Inc. 2006. 296 pages, ISBN 0-9788383-1-9 (paperback); 0-9788383-2-7 (hardcover).
- [2] Givner C. *INJECTION!* Goldman GS (ed.). Medical Veritas Interna-tional Inc. 2006. 320 pages, ISBN 0-9788383-0-0 (paperback).



## Editor (Kentucky, United States) Boyd E. Haley, PhD

Dr. Haley received his BS in Chemistry / Physics from Franklin College in 1963. After a tour in the U.S. Army he completed his M.S. in Chemistry at the University of Idaho (1967) and his Ph.D. in Chemistry / Biochemistry at Washington State University (1971). He was an NIH Postdoctoral Scholar in the Department of Physiology, Yale University Medical School from 1971 to 1974. His first academic appointment was at the University of Wyoming in 1974 where he was promoted to full professor in 1983. In 1985 he was appointed as the first scientist hired in the Markey Cancer Center at the University of Kentucky with academic appointments as professor in the College of Pharmacy and in the Department of Biochemistry of the University of Kentucky Medical Center. In 1996 he was named Professor and Chair of the Department of Chemistry. He is also co-founder and scientific advisor of Affinity Labeling Technologies, Inc., a biotech company that synthesizes and markets to major research institutes nucleotide photoaffinity analogs for biomedical research. This company has developed a diagnostic marker for Alzheimer's disease that is currently under development by others.

In the past 17 years Dr. Haley has emphasized studies on the biochemistry of Alzheimer's disease. His research in the biochemical aberrancies in Alzheimer's disease also lead to his identifying mercury toxicity as a major exacerbating factor, perhaps even a causal factor for this disease. He was one of the first to propose that the organic-mercury preservative (thimerosal) in infant vaccines was the most likely toxic agent involved in Gulf War Syndrome and autism related disorders. He has followed this up with research that demonstrates that several additional factors ( $Al^{3+}$ , certain antibiotics), including testosterone, increase the toxicity of thimerosal. Further, in collaboration with others he has shown using mercury analysis of birth-hair that autistics represent a subset of the population that cannot excrete mercury effectively.

In the past few years Dr. Haley has testified before numerous government agencies on the effects of mercury toxicity from dental amalgams and vaccines. This list includes two times before the Congressional Committee on Government Reform, the Pentagon to Surgeon Generals, the Institute of Medicine of the National Academy of Sciences, and legislative committees of the states of Maine and New Hampshire. In the latter situation, both states enacted legislation requiring dentists to inform patients of the 50% mercury in dental amalgam fillings and the concern of many that emission of mercury from these amalgams affects personal health. This past year he testified before the FDA committee for Review and Analysis of the Literature on the Health Effects of Dental Amalgams and will also present before a new committee of the Institute of Medicine of the National Academy of Sciences regarding vaccines and autism.

Dr. Haley is also a member of the Autism Think Tank of the Autism Association and is on the board of the Swedish Foundation for Metal Biology. He has been invited to present lectures on the subject of mercury toxicity and neurological diseases at international conferences in England, Canada, Italy, Switzer-

land, Australia, Sweden, France, Germany, New Zealand, Mexico and Denmark.

### Education

<u>Institution</u>	<u>Year</u>	<u>Degree/Area</u>
Franklin College	1963	B.A./Chemistry-Physics
University of Idaho	1967	M.S./Organic Chemistry
Washington State University	1971	Ph.D./Chemistry-Biochemistry
Yale University Medical Center	1971-74	Postdoctoral Fellow

### Research and Professional Experience

1963-1964	Research Scholar, Food and Drug Administration.
1964-1966	U.S. Army Medic
1966-1967	Graduate Student, University of Idaho
1967-1971	Graduate Student, Washington State University
1971-1974	Postdoctoral Scholar, Yale University
1974-1979	Assistant Professor, Department of Biochemistry, University of Wyoming, Laramie, WY
1979-1981	Associate Professor, Department of Biochemistry, University of Wyoming, Laramie, WY
1981-1985	Professor, Department of Biochemistry, University of Wyoming, Laramie, WY
1985-1997	Professor of Medicinal Chemistry, College of Pharmacy, University of Kentucky, with joint appointments in Biochemistry & Chemistry
1997-present	Chairman & Professor, Department of Chemistry with joint appointment in College of Pharmacy

### Professional Organizations, Societies, Honors and Responsibilities

1959	President's Scholarship, Franklin College, Indiana
1962	Chi Beta Phi, Franklin College
1962	James M. Sprague Award - \$400 award to outstanding undergraduate junior majoring in science.
1963	Kennedy Scholar, Food and Drug Administration, Washington, D.C.
1970	Sigma Xi
1975	Dreyfus Foundation Visiting Researcher, Enzyme Institute University of Wisconsin
1977	American Society of Biological Chemists
1981	Biophysical Society
1981	Served on NIH Physiological Chemistry Study Section
1981	Research was presented as a "highlight" in NIH report on "Cellular and Molecular Basis of Disease Program"
1984	"TOP" Professor Award, University of Wyoming
1982	Served on NIH Physiological Chemistry Study Section
1983	Served on NIH Physiological Chemistry Study Section
1985	Permanent member NIH Biomedical Sciences, Study Section
1991	Honorary Doctorate in Arts & Sciences, Franklin College
1992	Society for Neuroscience

### Grant Support

1975 - 1978	National Institutes of Health, "Application of Photoaffinity Nucleotide Analogs", \$82,000, Principal Investigator
1975	Research Coordination Committee, University of Wyoming \$1,800
1978 - 1981	National Institutes of Health, "Application of Photoaffinity Nucleotide Analogs", \$183,696, Principal Investigator
1978 - 1981	Eleanor Roosevelt Cancer Institute Grant, \$11,400
1979 - 1983	PHS Research Career Development Award, \$185,000
1981 - 1986	National Institutes of Health, "Application of Photoaffinity Nucleotide Analogs", \$434,000, Principal Investigator

1982	ASBC Travel Award to attend 12th IVB Congress, Perth, Australia
1983 - 1984	National Science Foundation, "Melatonin Photoaffinity Probe", \$84,000, Co-Principal Investigator
1983 - 1985	National Institutes of Health, "Epididymal Sperm Nucleotide Binding proteins", \$190,000, Co-Principal Investigator
1985 - 1988	U.S. Army Mycotoxin Photoprobes, \$390,000, Co-Principal Investigator
1986 - 1989	NIH, "Forskolin Photoaffinity Probes", \$170,000, Co-Principal Investigator
1986 - 1991	NIH, "Application of Photoaffinity Nucleotide Analogs" \$781,661, Principal Investigator
1989 - 1994	NIH, "Nucleotide-Tubulin Interactions in Alzheimer's Disease", \$405,259, Co-Principal Investigator
1990 - 1996	Lexington Clinic Foundation For Medical Education and Research, "Inhibition of Neoplastic Cell Proliferation Through Utilization of Photoactive DNA & RNA Synthesis, \$100,000, P.I.
1990 - 1993	Eli Lilly, "Development of a Diagnostic Test for Alzheimer's Disease, \$378,000, P.I.
1995 - 1997	Wallace Research Foundation, "Development of Diagnostic Tests Using Nucleotide Photoaffinity Probes". \$109,000 for two years.
1997-1998	Wallace Research Foundation, "Development of Diagnostic Tests Using Nucleotide Photoaffinity Probes". \$74,344.
1997-2000	NIH, "Application of Photoaffinity Nucleotide Analogs", \$378,081, P.I.
1997-1998	Isostent, Inc. "Photoattachment of <sup>32</sup> P to angioplastic balloon catheters" \$52,000.
1998-2000	Wallace Research Foundation "Studies on the Neurotoxicity of Mercury" \$150,000
2000-2001	Wallace Research Foundation "Studies on Mercury Neurotoxic Effects at the Cellular Level" \$116,520
2001-2002	Wallace Research Foundation "Vaccine & Thimerosal Toxicity Studies" \$112,720
2002-2003	Wallace Research Foundation "Synergistic Neurotoxicity of Thimerosal & other compounds." \$78,720.
2003-2003	Autism Research Institute "Neurotoxicity of Thimerosal" \$30,000
2003-2004	Wallace Research Foundation "Vaccine thimerosal exposure and its relationship to Autism" \$75,704
2004-2005	Wallace Research Foundation "Synthesis of Biologically Based Mercury Chelators which Cross Cell Membrane and the Blood Brain Barrier" \$109,558 Starts December 2004

### Teaching Experience

- Introductory Comparative Biochemistry
- General Biochemistry
- Problems and Topics in Biochemistry
- Mercury Toxicity: Chemistry and Biochemistry Involved
- Advanced Problems and Topics in Biochemistry
- Nucleic Acids and Protein Biosynthesis
- Nucleotides in Regulation of Biological Phenomena
- Bioenergetics
- Medicinal Chemistry
- Natural Products and Bio-organics
- Graduate level Biochemistry, Protein Chemistry

### Talks Given in 2003

- Wayne State University, Dept. of Chemistry Jan 17th
- Dept. Pediatrics, University of Kentucky, Grand Rounds Speaker Jan 23rd.
- Autism Society of Central Kentucky, Century Methodist Church Jan. 27
- Arizona State University, Department of Bioengineering Feb 23-25
- Mealy Vaccine Conference, Boston MA, March 6-7
- Autism One Political Rally with Congressman Dan Burton, Washington, DC March 19.
- International Academy of Oral & Medical Toxicology, Las Vegas, NV March 28th.
- Autism Society of America/OCC, Pontiac, MI March 29th.
- Zeins's Dental Conference, Newark, NJ. April 11th.

- Greater Louisville Dental Study Group, Louisville, KY April 16th
- Speaker, UK Chemistry Dept. Awards Ceremony, April 25th.
- Autism One Conference, University of Loyola, Chicago, IL May 3-4
- Expert Witness, Congressional Committee on Government Reform, Dan Burton, Washington, DC May 7-8th
- Speaker, UK Superfund Environmental Project, Paducah, KY (by Sandra Bastin) May 13
- Defeat Autism Now (DAN) Conference, Philadelphia, PE 15-18th May
- Wallace Research Foundation, Phoenix, AZ May 19-21st
- Wright State University, graduate recruitment seminar, May 23rd
- Swedish Heavy Metals Biology Research Group, June 11-15. I am a board member. Uppsalla, Sweden
- Heavy Metals Institute Task Force, Washington, DC., 19-22 June
- Missouri University Research Reactor, Columbia, MO, 1-3 July
- Doctors for Disaster Preparedness Conference, Phoenix, AZ, July 12-13
- Autism One Congressional Press Conference, Washington, DC July 23
- Mercury Medical/Neurotoxicology Conference, NY, NY Sept. 10
- American Board of Clinical Medical Toxicology (ABCMT) St. Louis, MO, Sept. 11
- Italian Congress on Metal Toxicity, Teatro congressi P. d'Abano, Largo Marconi n.1-35031 Abano Terme, Italy. November 7-12. I also served as chairman of one of the sessions.

### Invited Symposium Talks, University Invitations and other presentations given in 2004

- Attorney General's Office, State of New York 5 January
- TV Interview WBNS-TV Columbus, OH 16 January
- Student ACS section, Lexington, KY 28 January
- NSF Program Evaluator, Washington, DC 4 February
- NAS Institute of Medicine, 9-10 February
- Dr. Ruth Koslack Talk Show, 11 February
- Congress International Toxicity of the Heavy Metals, Geneva, Switzerland 27 February
- Dipartimento Di Scienze Biomolecolari Biotecnologie, University of Milan, Milan, Italy 28 February
- International Academy of Oral Medicine and Toxicology, Arlington, VA, 25-27 March
- Owensboro Country Club, A&S Fund Raiser, Owensboro, KY 15 April
- American Academy of Environmental Medicine, St Louis, Missouri, 19 April
- Autism One Conference, Chicago, IL 27-30 April
- Shankland Dental Conference, Columbus, OH, 24 March
- American College for the Advancement of Medicine, Orlando, FL 18-20 May
- TV Interview with CBS News in Washington, DC, 26 May
- Autism One, Chicago Illinois, May 28-30
- Congressional/IOM News Conference, Washington, DC 2 June
- Tennessee Autism Association, Chattanooga, TN 4-5 June
- Presentation to Congressman Patrick Kennedy and other US Congressmen, 16 June
- Presentation to California Legislature on Autism 22 June
- Doctors for Disaster Preparedness Conference 26-28 June
- Attorney General's Office, State of California, 9-10 August
- University of Louisville, Department of Chemistry, 10 September
- State of California, expert witness, Sacramento, CA 14-16 September
- Tulane University Conference on Mercury Toxicity, New Orleans, LA 24 September
- Washington State University, Department of Chemistry/Biochemistry 25 September
- Autism Research Institute Think Tank Presenter, San Diego, CA 29 September
- Defeat Autism Now Conference, San Diego, CA 30 September
- International Academy of Oral Medicine and Toxicology, Nashville, TN 7-9 October
- Presentation to Senator Grassley and other Congressional members on Autism, Washington, DC., 12 October
- Pikeville College of Osteopathic Medicine, Pikeville, KY 22 October
- TV Interview WLKY of Louisville, KY 27 October
- Auburn University, Defeat Autism Now Mini-Conference, Auburn, AL 5-6 November
- Geneva Center on Autism Conference, Toronto, Canada 11-12 November

## Some Selected Publications (Refereed Journals)

- [1] Haley B, Yount R. Gamma-fluoradenosine triphosphate, synthesis, properties and interaction with myosin and heavy meromyosin. *Biochemistry* II, 1972;28:63–71.
- [2] Haley B, Yount R, Hoffman J. Selective inhibition of divalent metal ion requiring ATPase activity of human red cell ghost by an analog of ATP. *The Physiologist*, 1973;16:333–4.
- [3] Haley B, Hoffman J. Interactions of photo-affinity ATP analog with cation-stimulated ATPase activities of human red cell ghost. *Proc. Natl. Acad. Sci*, 1974;71:3367–71.
- [4] Staros JV, Haley B, Richards FM. Human erythrocytes and resealed ghost: a comparison of membrane topology. *J. Biol. Chem*, 1974;249:5004–7.
- [5] Pomerantz A, Rudolph SA, Haley B, Greengard P. Photoaffinity labeling of a protein kinase from bovine brain with 8-Azido-adenosine-3', 5'-monophosphate. *Biochemistry*, 1975;14:3852–7.
- [6] Haley B. Photoaffinity labeling of cAMP binding sites of human red blood cell membranes. *Biochemistry*, 1975;14:3852–7.
- [7] Staros JV, Richards FM, Haley B. Photochemical labeling of the cytoplasmic Surface of the membranes of intact human erythrocytes. *J. Biol. Chem.*, 1975;250:8174–8.
- [8] Malkinson AM, Krueger BV, Rudolph SA, Casnelli JE, Haley B, Greengard P. Widespread occurrence of a specific protein in vertebrate tissues and regulation by cAMP of its endogenous phosphorylation and dephosphorylation. *Metabolism*, 1975;24:331–41.
- [9] Haley B. Photoaffinity labeling of adenosine 3', 5'-cyclic monophosphate binding sites. *Methods in Enzymology*, Jacoby and Wilchek, eds., 1976; 46:339–46.
- [10] Owens JR, Haley BE. A study of adenosine 3', 5'-cyclic monophosphate binding sites of human erythrocyte membranes using 8-Azido-adenosine-3'-5' cyclic monophosphate. *J. Supra. Mole. Structure*, 1976;5:91–102.
- [11] Skare K, Black JL, Pancoe WL, Haley B. Determination of the cellular location of cyclic nucleotide binding sites using 8-Azido-adenosine-3', 5'-monophosphate, A photoaffinity probe. *Arch. Biochem. Biophys*, 1977; 180:409–15.
- [12] Lau E, Haley B, Barden R. Interactions of a photoaffinity analog of CoA with CoA enzymes. *Biochemistry*, 1977;16:2581–5.
- [13] Owens JR, Haley B. A study of adenosine 3', 5'-cyclic nucleotide binding sites of human erythrocyte membranes using 8-Azido-adenosine 3'-5'-Cyclic Monophosphate. Cell shape and surface architecture: Progress in Clinical and Biological Research, 1977;17:65–76.
- [14] Lau EP, Haley B, Barden R. The 8-azidoadenine analog of S-benzoyl (3'-dephospho) coenzyme A-A photoaffinity label for Acyl CoA; Glycine N-Acyltransferase. *Biochem. Biophys. Res. Commun*, 1977;76:843–9.
- [15] Geahlen RT, Haley B. Interactions of a photoaffinity analog of GTP with the proteins of microtubules. *Proc. Natl. Acad. Sci*, 1977;74:4375–7.
- [16] Owens JR, Haley B. Use of photoaffinity nucleotide analogs to determine the mechanism of ATP regulation of a membrane bound, cAMP activated protein kinase. *J. Supra. Mole. Structure*, 1978;9:57–68.
- [17] Czarniecki J, Geahlen RT, Haley B. Synthesis and use of Azido photoaffinity analogs of adenine and guanine nucleotides. *Methods in Enzymology*, 1979;56:642–53.
- [18] Marcus F, Haley B. Inhibition of fructose 1,6-biphosphatase by the photoreactive AMP analog, 8-Azido-AMP. *J. Biol. Chem*, 1979; 254:259–61.
- [19] Geahlen R, Haley B, Krebs EG. Synthesis and use of 8-azidoguanosine 3', 5'-cyclic monophosphate as a photoaffinity label for cyclic GMP-dependent protein kinase. *Proc. Natl. Acad. Sci*, 1979; 76:2213–7.
- [20] Geahlen R, Haley B. Use of GTP Photoaffinity probe to resolve aspects of the mechanism of Tubulin polymerization. *J. Biol. Chem*, 1979; 254:11982–7.
- [21] Haley B. Application of photoaffinity nucleotide analogs to biological membrane research. Selected aspects of cancer-related protein, carbohydrate, lipid and other biochemistry, International Cancer Research Data Bank, 1979:87.
- [22] Owens J, Haley B. Mechanism of MgATP regulation of membrane bound type I cAMP activated protein kinase. Transmembrane signaling. Alan R. Liss, Inc. New York, New York, 1979:149–60.
- [23] Forrester IT, Schoff PK, Haley BE, Atherton RG. Determination of protein kinase activity in intact mammalian sperm. *J. of Andrology*, 1980; 1:70.
- [24] Briggs F, Norman, Al-Jumaily W, Haley B. Photoaffinity labeling of the (Ca<sup>2+</sup>Mg) ATPase of skeletal and cardiac sarcoplasmic reticulum with [<sup>32</sup>P]-8-Azido ATP. *Cell Calcium*, 1980;1:205–15.
- [25] Hoyer P, Owens JR, Haley BE. Use of nucleotide photoaffinity probes to elucidate molecular mechanisms of nucleotide Regulated Phenomena. *Annals of New York academy of Science*, 1980;346:280–301.
- [26] Takemoto DJ, Haley BE, Hanse J, Pinnett P, Takemoto LJ. GTPase from rod outer segments: characterization by photoaffinity labeling and tryptic peptide mapping. *Biochem. Biophys. Res. Commun*, 1981;102:341–7.
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- [31] Hoyer PB, Haley BE. Utilization of nucleotide photoaffinity probes to study protein-nucleotide interactions in cell reactions. *J. Cellular Biochemistry*, 1983.
- [32] Haley B. Development and utilization of 8-Azidopurine nucleotide photoaffinity probes. *Federation Proceedings*, 1983;42:2831–6.
- [33] Khatoun S, Atherton R, Al-Jumaily W, Haley BE. Use of nucleotide photoaffinity probes to study hormone action. *Biology of Reproduction*, 1983;28:61–73.
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- [35] Abraham K, Haley B, Modak M. Biochemistry of terminal deoxynucleotidyl transferase: 8-Azido ATP as a substrate binding site-directed photoaffinity labeling prob. *Biochemistr*, 1983;22:4197–203.
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- [38] Owens JR, Haley BE. Synthesis and utilization of [5'-<sup>32</sup>P]-8-Azidoguanosine-3'-phosphate-5'-phosphate: photoaffinity studies on cytosolic proteins of *E. coli*. *J. Biol. Chem*, 1984;259:14843–8.
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- [42] Khatoun S, Haley BE, Atherton RW. A comparative analysis of cAMP-dependent protein kinase regulatory subunits in sea urchin and rat sperm. *J. Andrology*, 1985;6:251–60.
- [43] DeBortoli ME, Issa HA, Haley BE, Cho-Chung YS. Elevated levels of p21<sup>ras</sup> protein in hormone-dependent mammary carcinomas of humans and rodents. *Biochem. Biophys. Res. Commun*, 1985;127:699–709.
- [44] Evans R, Haley B, Roth D. Photoaffinity labeling of a viral induced protein from tobacco. *J. Biol. Chem*, 1985;260:7800–4.
- [45] Nunamaker, R.A., Wilson, W.T. and Haley, B.E. Electrophoretic detection of Africanized honey bees (*Apis mellifera scutellata*) in Guatemala and Mexico based on malate dehydrogenase allozyme patterns. *Journal of the Entomological Society*, 1985;57:622–31.
- [46] Pfister KK, Haley BE, Witman GB. Labeling of Chlamydomonas 18S Dynein polypeptides by 8-Azido-adenosine 5'-Triphosphate, a photoaffinity analog of ATP. *J. Biol. Chem*, 1985;260:12844–50.
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- inhibitory properties with adenylate cyclase. *Arch. Biochem. Biophys.* 1986;245:368–78.
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  - [49] Jeganathan, A., Richardson, S.K., Mani, R.S., Haley, B.E. and Watt, D.S. Selective Reactions of Azide-substituted  $\alpha$ -Diazoamides with Olefins and Alcohols Using Rhodium (II) Catalysts. *J. Org. Chem.* 1986; 51:5362–7.
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  - [51] Evans RK, Haley BE. Synthesis and biological properties of 5-Azido-2'-deoxyuridine-5'-triphosphate: a photoactive nucleotide suitable for making light sensitive DNA. *Biochemistry*, 1987;26:269–76.
  - [52] Richardson SK, Jeganathan A, Mani RS, Haley BE, Watt DS. Synthesis and biological activity of C-4 and C-15 Aryl Azide derivatives of anguidine. *Tetrahedron Letters*, 1987;43:2925.
  - [53] Droms KA, Haley BE, and Malkinson AM. Decreased Incorporation of the Photoaffinity Probe [ $\gamma$ - $^{32}$ P]-8N<sub>3</sub> GTP into a 45KD Protein in Lung Tumors. *Biochem. Biophys. Res. Commun.* 1987;144:591–7.
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  - [55] Suhadolnik RJ, Li Shi Wu, Sobol Jr. RW, Haley BE. 2- and 8-Azido photoaffinity probes. II. Studies on the binding process of 2-5A synthetase. *Biochemistry*, 1988;27:8846–51.
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## Editor (Illinois, United States)

### Betsy Hicks

Betsy Hicks is author of *Cooking Healthy Gluten and Casein-Free Food for Children*, Betsy is a well respected diet counselor hailed as one of the most innovative teachers of diets free of gluten, casein, soy, corn and much more. Either through IgG/IgE testing or through the use of elimination diets, Betsy helps in customizing each individual's diet based on blood type, pH, parasite and bacteria presence, and neuropeptide affected foods. Betsy incorporates aspects of the *Live Right for Your Type* diet by Dr. D'Adamo for protein choices; *Body Ecology* by Donna Gates for cultured and fermented foods; and the *Westin A. Price Foundation* for fat customization. In addition to her professional nutritional expertise, Betsy is co-founder and diet counselor of Pathways Medical Advocates and is responsible for overseeing the day-to-day operations and team at Pathways

with her husband, pediatrician, John H. Hicks, M.D. She develops and coordinates the public education programs offered by this innovative practice including her radio talk show for the Voice America Health and Wellness Channel and Autism One Radio, and is the Nutritional Advisor to the national non-profit organization Autism One. Betsy is the anchor of The GFCF Diet Comprehensive Video and ongoing community lectures and workshops. The mother of a son with autism, she speaks nationally on dietary and holistic interventions for children and adults with disabilities.

### **Editor (Costa Rica, Central America)** **James A. Howenstine, MD**

Dr. James Howenstine attained his M.D. from Northwestern University, Chicago, Illinois in 1954. He had a rotating internship at Indianapolis General Hospital. He served as a Pathology Resident at Chicago Wesley Memorial Hospital and as an Internal Medicine Resident at Veterans Administration Hospital (Denver, CO). From June 1957 to July 1959 Dr. Howenstine served as the Ward Medical Officer for the U.S. Naval Officer in Navy Hospital in Charleston & Beaufort, South Carolina. He then served as Internal Medicine Resident of Boston City Hospital for one year, followed by a year at the National Institute of Health Fellowship in Renal Disease, University of California Hospital (San Francisco, California).

Dr. James A. Howenstine has served as an Assistant Clinical Professor of Medicine at the University of California Medical School in San Francisco, California from May 1963 through July 1991 during which time he engaged in a private practice in Internal Medicine. He served as head of internal medicine section of Thomas Davis Medical Center for July 1991 through July 1997.

During May 1998, Dr. Howenstine delivered lectures for two hours per day on internal medicine for the podiatry students studying to become physicians at Universidad Internacional de las Americas, Apartado 1447-1002 San Jose, Costa Rica.

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Health articles contributed to [www.NewsWithViews.com](http://www.NewsWithViews.com) during 2003 to present included the following:

- [1] Why you should avoid taking vaccines.
- [2] Why do the citizens of the U.S. have such poor health?
- [3] Abortions cause breast cancer.
- [4] 70% of U.S. citizens lack adequate vitamin D—are you one of them?

- [5] Use of CO Q 10 to treat malignancies.
- [6] Why you probably have hypothyroidism.
- [7] The use of natural therapies to treat hypertension.
- [8] How to recover from cancer.
- [9] What causes enlargement and cancer of the prostate gland?
- [10] How to enlarge your brain and improve brain function.
- [11] Are dental amalgams safe?
- [12] What health problem causes arteriosclerosis, Type 2 Diabetes and Cancer?
- [13] Use of cesium chloride to cure malignancies.
- [14] Current concepts about prolonging life.
- [15] Does aspirin prevent heart attacks and strokes?
- [16] How do intestinal bacteria influence brain function?
- [17] The overlooked relationship between infectious diseases and mental symptoms.
- [18] How to decrease your risk of heart attack by 70%.
- [19] Would you like to cure colds in two hours and influenza in three hours?
- [20] What causes gall bladder pain and how to avoid surgery.
- [21] Solved the riddle of eclampsia (toxemia of pregnancy) and birth defects in the newborn.
- [22] The health hazards of blocking acid production by the stomach.

### **Senior Editor (New Jersey, United States)** **Paul G. King, PhD, MS**

Dr. King is an analytical chemist (Ph.D.) and an inorganic chemist (MS) as well as a systems analyst and quality systems professional. His expertise covers the discovery, characterization, development, analysis and manufacture of research chemicals, biocides, drugs, and dietary supplements as well as the quality systems fundamentals and requirements appertaining thereto. He has more than 25 years of accomplishment in analytical research and design development, laboratory and management, process development and validation, quality systems implementation, and innovation. He has more than 30 publications and articles that have provided a significant contribution to the fields they concern. Further, he has provided formal written and oral testimony to Congress, the Institute of Medicine, and the US Food and Drug Administration in areas that directly affect public health and safety and/or bear on current good manufacturing practice (CGMP) for drugs, dietary substances, and devices. Currently, his focus is the public health and safety issues associated with: a) drugs and devices that contain mercury-based compounds, b) systematic knowing non-compliance with CGMP, and c) our current treatment-centric healthcare system.

In 1969, Dr. King was awarded an MS in Inorganic Chemistry by Emory University, Atlanta, Georgia that included the following subjects of study, inorganic chemistry, organic chemistry, physical chemistry, and analytical chemistry. His thesis presented his research on "The Coordination Chemistry of Tantalum (V)."

From mid-1969 to mid-1971, Dr. King served in the Army Medical Corps as a Physical Science Assistant (MOS: 01F20). During his short active service he rose to the rank of Specialist 5 and won the Serviceman of the Quarter Awards for both Walter Reed General Hospital and the Walter Reed Army Medical Center. He received an Honorable Discharge and was awarded a Good Conduct medal.

In 1974, Dr. King was awarded a Ph.D. in Analytical Chemistry from the Emory University in Atlanta Georgia which included the following subjects of study: analytical chemistry, physical chemistry, inorganic chemistry, clinical chemistry, and statistics. His dissertation, "The Automated Development of

Analytical Methods,” won a Sigma Xi award for scientific excellence.

From late-1974 through 1975, Dr. King worked at The University of Georgia in Athens, Georgia as a Graham Perdue Postdoctoral Fellow and Assistant Professor to Dr. L. B. (Buck) Rogers, Graham Perdue Professor. There he was, among other things, the System Manager, Systems Analyst, and Programmer for a Multi-User Hewlett Packard Minicomputer. Research efforts included the design and the construction of a computer-controlled system for constant-temperature ( $\pm 0.01^\circ\text{C}$ ) comparative study of enzymatic reaction rates of immobilized enzymes to the rates using the soluble enzyme.

From 1976 through mid-1981, Dr. King worked for American Cyanamid, West Windsor, NJ in Analytical Research and Development. During his tenure there, he:

- Developed analytical methods and techniques.
- Discovered and developed a low-ppb impurity method for the analysis of N-nitroso-amine impurities in chemical compounds.
- Led team that redeveloped the process and analytical controls for the manufacture of a nitrated herbicide active.
- Supervised the successful overhaul of Puerto Rican laboratory operations for a facility that manufactured the drug LEVAMISOL.
- Developed a modernized, solution-density-based Phase Solubility methodology.

From mid-1981 through mid-1983, Dr. King worked for BASF in Fairfield, NJ as a Senior Research Scientist. While there, he:

- Spearheaded International BASF Corporate Team that selected the Laboratory Information Management System (LIMS) vendor to be used by BASF worldwide.
- Led the successful worldwide round-robin inter-laboratory validation of a key analytical method that he had developed.
- Led the Analytical Method Team that developed innovative sampling and test methods.
- Developed method for manufacturing “acetamide” HPLC columns.

From late-1983 through mid-1984, Dr. King worked for Berlex Laboratories, a subsidiary of Schering Ag in Cedar Knolls, NJ as a Senior Scientist. During his short time there, he:

- Led a reorganization of the laboratory that increased its productivity and raised its stature.
- Developed and improved analytical methods.
- Developed improved operational protocols and test procedures.
- Found novel HPLC separation approaches for chiral compounds and chiral mixtures.

From late-1984 through mid-1985 when the firm ceased operations, Dr. King worked for At-Sea Incineration, Parsippany, NJ as Manager of Laboratory Operations. While he was there, he:

- Oversaw all aspects of both the company’s laboratory operations and the activities of the contract laboratories that performed testing for the company.
- Developed sampling-system designs for a high-temperature shipboard incinerator.

From 1986 through early-1991, Dr. King worked for Biocraft Laboratories (now part of Teva), in Waldwick, NJ for 0.5 year as Manager of the Quality Control laboratory and about 6

years as Director of Laboratory Quality Assurance in Elmwood Park, NJ. During his tenure there, he:

- Managed a Bulk Pharmaceutical Chemical Quality Laboratory.
- Developed improved HPLC, GC, and titrimetric methods for ingredient testing.
- Directed the auditing of the Drug-Product Laboratory
- Implemented a validated “clonable” LIMS system.
- Developed and validated stability-indicating methods and cleaning methods.
- Developed and validated an FDA-accepted sub-ppm HPLC method for detecting possible penicillin contamination.
- Traveled to China and, while there, developed a process, and controls, for the manufacture of the drug Sucralfate.
- Ascertained the solid-state structure of Sucralfate using solid-state NMR; and oversaw the writing and submission of a Type II Drug Master File for this drug.

From 1991 through late-1994, Dr. King worked for Sidmak Laboratories (now Pliva), East Hanover, NJ as their Director of Quality Control. While he was there, he:

- Took charge of the development and validation of methods; reorganized operations; restructured lab audit and control procedures; and upgraded SOPs, training and staff so that operations conformed to the quality systems expectations of ISO Guide 25 (now, ISO 17025).
- Designed, equipped, and staffed two new laboratories.
- Implemented systems for: acquisition, evaluation and archival of all data; qualification of instruments and analysts; demonstration of analyst/equipment “suitability;” and critical evaluation of results.

During 1995, Dr. King worked for Nutro Laboratories (now, a NTBY subsidiary), South Plainfield, NJ as Director of Quality. While he was there, he:

- Improved product quality by starting the critical checking of data and effecting production changes.
- Furnished the President of Nutro with detailed information on quality problems, their root causes and changes that could either eliminate the problem or reduce the risk of a recurrence.

From 1996 early 2000, Dr. King headed Paul G. King Consulting, Lake Hiawatha, NJ. During that period, he:

- Worked with a variety of clients to solve their problems, develop and validate test methods and procedures, design robust processes, and improve their quality.
- Audited proposals, systems, and suppliers as well as generated documents, methods, designs and systems as needed.

From early 2000 through early-2001, Dr. King worked for R & D Scientific Corporation, Flanders, NJ as their VP of Quality management. During his short tenure there, he:

- Spearheaded the conversion of manufacturing systems from *ad hoc* into documented systems that complied with the strictures of ISO 9001:1994.
- Generated requisite policy, SOP, work instruction and tool documents for quality management and related functions.
- Provided guidance to the other personnel.
- Rewrote the Users Manual for their main product to match that system’s functionalities.

From 2001 to the present, Dr. King heads Facility Automation Management Engineering (FAME) Systems, Lake Hiawatha, NJ. During this period, he has been working with clients,

including the US Food and Drug Administration (FDA) and public advocacy groups, to:

- Provide training in, insight into, and analysis of the requirements of the drug CGMP statutes and regulations as well as their impacts and cost effective approaches to pro-active quality-based systems for compliance with said requirements. [Note: Areas addressed include method/process development, validation, and manufacturing, and Electronic Records.]
- Address public health and safety issues associated with current industry practices, FDA guidances and initiatives, and the CDC's handling of the "mercury in medicines" issues.

Dr. King is currently a member of the American Chemical Society (ACS), the American Society for Quality (ASQ), the ISPE, and the PDA.

Dr. King has spent the last thirty plus years in the pursuit of knowledge. His works, writings and teachings strive to make the scientific community aware of the real purpose of its work, understanding. To further the dissemination of this understanding, he has written more than sixty white papers and published parts of some of them.

As a scientist, Dr. King understands that he must accept, as possibly true, any hypothesis, no matter how much it differs from "conventional wisdom," until it is proven to be fatally flawed.

In addition, he accepts the validity of "Ockham's razor" – which, in his view, is the simplest scientific explanation, *no matter how "unconventional"* at the time it is proposed, is often the one that proves to be most valid.

Finally, unlike many with whom he interacts in the government, industry and academia, he truly understands that a high-confidence-level ( $\geq 95\%$ ), population-representative sample must be tested before any valid statistics-based decision can be made about the probable nature of that population.

A more-detailed presentation of Dr. King's credentials, including a list of his publications, white papers and other formal documents, is available through his web site <http://dr-king.com>.

### **Editor (Florida, United States) Toni Krehel, AP**

Toni Krehel, AP is a Chinese medical doctor and holistic physician in Jacksonville, Florida. She is also founder and director of KNOW Vaccines, a non-profit educational organization dedicated to promoting awareness of vaccine issues, informed consent rights, religious freedom rights and health care freedom.

Toni Krehel has been in private practice since 1997, taking a specialty approach to the treatment of immune disorders and pediatrics. Her practice involves three fundamental areas of Energetic Medicine that are complimentary, holistic and curative.

Using Traditional Chinese Medicine as the foundation for diagnosis and treatment of diseases, Toni Krehel has incorporated into her practice other Chinese Medicine teachings and styles of acupuncture including Classical Chinese Medicine (Worsley), Japanese Meridian Acupuncture, Auricular Acupuncture, Korean Hand Acupuncture, and Scalp Acupuncture (Taiwan). She uses both Classical and Clinical Homeopathy in her practice and adheres to the principles of Homotoxicology

in the treatment of all diseases.

Toni Krehel's specialty approach of fusing together Chinese Medicine, Homeopathic Medicine and frequency specific BioEnergetic technology is very effective in the treatment of acute illness, chronic diseases, immune disorders and post vaccine syndromes in both children and adults.

From allergies to auto-immune diseases, Toni Krehel says these diseases share the same underlying patterns and biological mechanisms and involve failure of the non-specific immune system to drive toxicity out of the body. In her work, she has discovered that vaccines are often a causative factor in these toxic syndromes.

Because the concept of immunity is the cornerstone of both Chinese Medicine and Homeopathy, the biomechanics of immune function as it relates to vaccination is well-understood within the context of these comprehensive systems of medicine.

Krehel says that post vaccine syndromes and other immune disorders present unique challenges for a health care system that creates morbidity with vaccines and then treats the toxic disease process with medications or treatments that weaken, suppress or further compromise immune function. Chinese Medicine includes a conceptual framework and treatment protocols for correcting immune regulation problems and curing internal diseases. With immune diseases in our pediatric and adult populations growing at epidemic rates, Chinese Medicine will play a larger role in the treatment of these diseases as patients look outside conventional medicine for better solutions to their chronic health care problems.

Toni Krehel endeavors to educate the general public about the need for alternative perspectives to conventional medical theory in personal as well as public health matters. She is dedicated to promoting informed consent rights, health care freedom and ethics in medicine. As government and modern science exert more power over individuals in health care matters, it is becoming increasingly more difficult for doctors and patients to think or act independently and/or in accordance with their religious/philosophical/spiritual beliefs about health.

Toni Krehel endeavors to be a liaison between the holistic medical community and the medical experts doing independent scientific research on vaccination and immune diseases. Chinese medical doctors and other holistic physicians need to become active players in debating the science, the theories, the ethics and the politics of medicine, especially as it relates to vaccine matters.

#### **Professional**

- Acupuncture & Alternative Health Care Inc. – 1997 to present
- KNOW Vaccines – Vaccine Awareness of Florida, Inc. – 2001 to present

#### **Organizations**

- Florida State Oriental Medicine Association (FSOMA)
- Holistic Pediatrics Association (HPA) -charter member
- National Vaccine Information Center (NVIC) – state affiliate (Florida)
- National Center for Homeopathy
- American Pregnancy Association
- The Liberty Counsel

## Education & Previous Work History

- Mandarin School of Chinese Medicine, Jacksonville FL – 1993 to 1996
- Diskette Shoppe, Montclair NJ – President – 1981 to 1985
- IBM Corporation, Sioux Falls SD – Sales Representative – 1978 to 1981
- University of South Dakota – MBA - 1978
- University of South Dakota – Business Administration - 1976

## Editor (Delhi, India)

### Santosh Kumar Mittal, MB BS, MD

Dr. S.K. Mittal received his M.B. B.S. and M.D. degrees from A.I.I.M.S. in New Delhi, India in 1967 and 1972, respectively. In 1984 he did fellowship training in pediatric gastroenterology at the Birmingham Children Hospital. Presently, Dr. Mittal is Pediatric Gastroenterologist and Head of the Department of Pediatrics at MAX hospital in New Delhi. Previously he was Director Professor and Head of the Department of Pediatrics at Maulana Azad Medical College, also in New Delhi. Dr. S.K. Mittal has served as a member of the Academic Council of the University of Delhi and Medical Council of India. In 1995 he was President, Delhi Medical Association. He has also served as President of IAP Chapter Pediatric Gastroenterology (Indian Society of Pediatric Gastroenterology & Hepatology). Additional, he has been Convenor of CME, CAPGAN, as well as an executive member of IAP for 4 years, secretary of Delhi Branch IAP (1983), president of Delhi Branch IAP (1989), and a member of the National Immunization Committee (IAP) from 1989 to 1993.

Dr. S.K. Mittal was honored with the F.I.A.P. award in 1986 and received the Delhi State Doctors Award in 1997. In 1986 he established the Pediatric G.I. Endoscopy Unit at M.A.M.C. and the Pediatric G.I. & Hepatology Unit at M.A.M.C. & LN Hospital in New Delhi.

## Editorial Experience

- Chief Editor, Pediatrics Today.(1999-2003)
- Member, Editorial Advisory Board Ind. J. Pediatrics.
- Asstt. Editor, Indian Pediatrics (1978-1986).
- Editor,(Pediatric Section)Tropical Gastroenterology.

## Books Written/Edited

- An approach to Pediatric Problem, 4<sup>th</sup> Edition.2001
- Management of Acute & Chronic Diarrhea in children.3<sup>rd</sup> Edition 2003
- Immunization in Practice.2<sup>nd</sup> Edition 1991
- Early Schooling: Problems & Perspective, 1995.
- Update in Pediatric Gastroenterology, 1986.
- Immunization Practices in Children, 2<sup>nd</sup> Edition 1993

## Members of Professional Bodies

- Indian Academy of Pediatrics
- Indian Medical Association.
- Indian Society of Gastroenterology
- Indian Society of Gastrointestinal Endoscopy.
- Common Wealth Association of Pediatric Gastro

- Enterology, Hepatology & Nutrition.(CAPGHAN)
- I.A.P. Chapter, Pediatric Gastroenterology.
- American Academy of Pediatrics (Associate Member).
- I.M.A. Academy of Medical Specialists.

Dr. S.K. Mittal has over 150 peer-reviewed publications to his credit, some of which are given below.

## Publications

- [1] Mittal SK. Chronic diarrhea in tropics [Review]. Indian J Pediatr, 1999; 66(1 Suppl):S4–15.
- [2] Kalra KK, Jain N, Mittal SK. Management of celiac disease [Review]. Indian J Pediatr, 1999;66(1 Suppl):S32–6.
- [3] Thakar R, Rath B, Prakash SK, Mittal SK, Talukdar B. Urinary tract infection in infants and young children with diarrhea. Indian Pediatr, 2000 Aug;37(8):886–9.
- [4] Mittal SK, Kalra KK, Khanijo CM, Rajeshwari K. Benign oesophageal strictures in children of north India. Trop Gastroenterol., 2000 Jan-Mar;21(1):37–40.
- [5] Mittal SK, Aggarwal V, Rastogi A, Saini N. Does B.C.G. vaccination prevent or postpone the occurrence of tuberculous meningitis? Indian J Pediatr, 1996 Sep-Oct;63(5):659–64.
- [6] Mittal SK. Pulse Polio Program--a national perspective [Review]. Indian J Pediatr, 1996 Jan-Feb;63(1):1–8.
- [7] Dutta AK, Seth A, Goyal PK, Aggarwal V, Mittal SK, Sharma R, Bahl L, Thakur JS, Verma M, Chhatwal J, Chacko B, Saini V, Singhal A, Sharma P, Sharma U, Chaturvedi P, Kumar S, Prajapati NC, Vaidya J, Garg N, Basu SN, Lahiri M, Das CK, Pal DK, Lall SB, *et al.* Poisoning in children: Indian scenario. Indian J Pediatr, 1998 May-Jun;65(3):365–70.
- [8] Mittal SK, Rastogi A. Immunogenicity of hepatitis A vaccine in children below 2 years of age. Indian Pediatr, 1999 Jan;36(1):97.
- [9] Maria A, Ramji S, Mittal SK. Prevalence of post partum amenorrhoea and its relation to infant feeding practices in Indian mothers. J Indian Med Assoc, 1999 Jan;97(1):32.
- [10] Rastogi A, Malhotra V, Uppal B, Aggarwal V, Kalra KK, Mittal SK. Aetiology of chronic diarrhoea in tropical children. Trop Gastroenterol, 1999 Jan-Mar;20(1):45–9.
- [11] Rajeshwari K, Mittal SK. Post-transfusion chronic liver disease in thalassemics. Trop Gastroenterol, 1998 Oct-Dec;19(4):159–62.
- [12] Mittal SK, Rastogi A, Rastogi A, Kumar N, Talukdar B, Kar P. Seroprevalence of hepatitis A in children--implications for hepatitis A vaccine. Trop Gastroenterol, 1998 Jul-Sep;19(3):120–1.
- [13] Juneja M, Dubey AP, Kumari S, Prakash C, Mittal SK. Hepatitis B and hepatitis C in multitransfused children. Trop Gastroenterol, 1998 Jan-Mar;19(1):34–6.
- [14] Dangwal TR, Aggarwal V, Malhotra V, Baveja U, Mittal SK. Clinical spectrum of chronic liver disease in north Indian children. Trop Gastroenterol, 1997 Oct-Dec;18(4):174–6.
- [15] Mittal SK, Panicker J, Kalra KK, Kumar N. Endoscopic diagnosis and treatment of an oesophageal bezoar in a child. Trop Gastroenterol. 1997 Jul-Sep;18(3):125–6.
- [16] Mittal SK, Kalra KK, Khanijo CM, Kumar N. Esophageal stenosis. Indian Pediatr, 1996 Oct;33(10):861–3.
- [17] Mittal SK, Rao S, Rastogi A, Aggarwal V, Kumari S. Hepatitis B--potential of perinatal transmission in India. Trop Gastroenterol, 1996 Jul-Sep;17(3):190–2.
- [18] Mittal SK, Aggarwal V. Hepatitis B vaccination in the expanded programme of immunization. Trop Gastroenterol, 1996 Jul-Sep;17(3):188–90.
- [19] Rajeshwari K, Jaggi N, Aggarwal V, Kalra KK, Mittal SK, Baveja U. Determinants of symptomatic giardiasis in childhood. Trop Gastroenterol, 1996 Apr-Jun;17(2):70–6.
- [20] Mittal SK, Aggarwal V, Kalra KK. Gastro-intestinal endoscopy in children. Trop Gastroenterol, 1996 Apr-Jun;17(2):35–42.
- [21] Mittal SK. Heat illnesses in children. Indian Pediatr, 1981 Jun;18(6):401–4.
- [22] Mittal SK, Saxena S, Mundkur N, Srivastava G, Gupta S. Acute diarrhea in malnourished children. Clinical, biochemical and bacteriological profile. Indian Pediatr, 1980 Mar;17(3):247–54.
- [23] Mundkur N, Mittal SK. Isolated pyogenic liver abscess in a child following measles. Indian Pediatr, 1980 Feb;17(2):179–80.



- [24] Saxena S, Anand NK, Saini L, Mittal SK. Bacterial infections among home delivered neonates. Clinical picture and bacteriological profile. *Indian Pediatr*, 1980 Jan;17(1):17-24.
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- [40] Mittal SK, Sinclair S. Crigler-Najjar syndrome. Report of a case. *Indian J Pediatr*, 1971 Jan;38(276):39-41.
- [41] Mittal SK. Upper gastrointestinal endoscopy in children. *Indian Pediatr*, 1989 Feb;26(2):134-8.
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- [54] Nakra SK, Mittal SK, Sarkar R. Enzyme linked immunosorbent assay (ELISA) for detection of rotavirus in acute gastroenteritis. *Indian Pediatr*, 1984 Jun;21(6):457-62.
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- [62] Mittal SK. Pulse immunization against poliomyelitis in India. *Indian Pediatr*, 1995 Aug;32(8):939-40; discussion 940-2.
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- [79] Mittal SK, Ramji S. Health for all and rural Medicare. *Indian J Pediatr*, 1989 Sep-Oct;56(5):559-62.
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- [81] Verma IC, Mittal SK, Ghai OP. Autoimmune hemolytic anemia in infancy and childhood. *Indian J Pediatr*, 1970 Jul;37(270):326-31.
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- [83] Mittal SK. Cerebellar disorders in childhood. A review. *Indian J Pediatr*, 1969 Aug;36(259):294-300.
- [84] Singh M, Mittal SK. Exchange transfusion in the newborn. A four-year experience. *Indian J Pediatr*, 1969 May;36(256):161-8.
- [85] Sethi AS, Verma IC, Mittal SK, Khanna KK. Idiopathic hypoparathyroidism. Report of two cases. *Indian J Pediatr*, 1968 Oct;35(249):490-5.

## **Editor (Illinois, United States)** **Andrew Maniotis, PhD**

Dr. Andrew Maniotis is Program Director in the Cell and Developmental Biology of Cancer, Department of Pathology, Anatomy and Cell Biology, and Bioengineering in the College of Medicine Research Building at the University of Illinois at Chicago.

### **Pre-Graduate Education and Research**

- 1980-1983 A. B., Physical anthropology. Laboratory focus: human osteology. Professors Stephen Molnar, Robert Sussman, directors. Department of Anthropology, Washington University, St. Louis, MO.
- 1983-1985 Research Technician, Laboratory focus: neuroexcitotoxicity, and developmental neurobiology. Dr. John Olney, and Dr. Richard Bunge, directors. McDonnell Center for Higher Brain Function, Departments of Psychiatry, Anatomy Cell Biology, Washington University School of Medicine, St. Louis, MO.
- 1985-1986 Research Technician, Laboratory focus: muscle development. Professor Richard Strohman, director. Department of Zoology, University of California, Berkeley CA.

### **Graduate Education and Postgraduate Research**

- 1986-1991 **Ph.D.**, Cell biology, Laboratory of cytoskeletal biology. Professor Manfred Schliwa, director and graduate advisor. Departments of Zoology, Cell and Molecular Biology, University of California, Berkeley, CA.
- 1991-1992 **NIH-Post-Doctoral Fellow in Cell Biology**, Cell Biology Group, Dr. Thoru Pederson, director. Worcester Foundation for Experimental Biology, Shrewsbury, MA.
- 1992-1997 **Fellow in Surgical Research**, Laboratory of tumor angiogenesis, Dr. Donald Ingber, Post-Doctoral Advisor, Dr. Judah Folkman, director. Department of Surgical Research and Pathology, Harvard Medical School, Boston, MA.
- 1992-1997 **Fellow in surgical Research**. Laboratory of tumor angiogenesis. Dr. Donald Ingber, Post-Doctoral Advisor, Dr. Judah Folkman, director. Department of Surgical Research and Pathology, Harvard Medical School, Boston, MA.
- 1997-2000 **Research Scientist**, Department of Anatomy and Cell Biology, and the Iowa Cancer Center, University of Iowa, Iowa City, IA.
- 2000-2006 **Assistant Professor of Pathology, Anatomy and Cell Biology, and Adjunct Prof. of Bioengineering**. Director of the Program of The Cell and Developmental Biology of Cancer, University of Illinois, Chicago, Chicago IL. 60612.

### **Honors**

- 1988 Stipend for Evolutionary studies, Museum of Vertebrate Zoology, University of California, Berkeley, CA. 1990.
- 1992 USDA Fellowship in the Molecular Biology of Insect Viruses, Department of Entomological Sciences, University of California, Berkeley, CA.
- 1994 Zum Thema Wissensbank Honorarium.
- 1995 Invited speaker, Gordon Conference on "The Biological Basis of Cell and Tissue Structure and Function," Copper Mountain, CO.
- 1997 Work presented by "The Second Annual Videoconference On Space Station Research," NASA.
- 1997 Work presented by The Faraday Society.
- 1998 Work presented by "The Penrose-Hameroff Colloquium."
- 1998 Work cited by The Royal Society, London. 1998.

- 1999 Invited Lectureship: Biological Physics Colloquium, Banff, Canada.
- 2000 Research Colloquium Lectureship on Integrins, Madison, WI.
- 2000 Earnest Orlando Lawrence Berkeley National Laboratory Lectureship, Berkeley, CA.
- 2001 Physicochemical processes in biological systems in space overstudy panel report.
- 2002 Nomination for Bodossaki Foundation Award, Athens, Greece.
- 2003 Who's who in American Science; 2003-2005.
- 2003 Invited Speaker: Gordon Conference on Polyamines, New London, CT.
- 2003 Invited Speaker: FASEB conference on Chromatin Structure and Cancer, Saxon Rivers, VT.
- 2005 Lectureship Colloquium on Polyamines, Cellgate, Pharmaceuticals, Redwood City, CA.
- 2005 First and second place winner, Health and Medicine Engineering, UIC., Chicago, IL.
- 2006 TREC Accelerator Award Recipient on Viral Assays, National Center for Supercomputing Applications, Champaign-Urbana, IL.

**Other Activities:** Invited Member of The Boston Vascular Task Force, Children's hospital, Boston MA. 1995-1997, Judah Folkman, director.

**Study section(s):** Ad Hoc Grant Reviewer: "Therapeutic Modulation of Angiogenesis in Disease." NCI, 1998-9. Invited member: "APA, Screening Technologies Branch DTP, DCTD, NCI." Fall 2000.

**Reviewer:** American Journal of Physiology, Journal of Cellular Biochemistry, FASEB Journal, American Journal of Pathology, British Medical Journal, and others.

**Research Program and Goals:** Melanoma and breast cancer therapeutics; vaccine adjuvants and cancer; tensegrity modeling; biochemical reconstruction of chromosomes; see [mechanogenomics.com](http://mechanogenomics.com).

### **Publications**

- [1] Clifford DB, Olney JW, Maniotis A, Collins RC, Zorumski CF. The functional anatomy and pathology of Lithium-Pilocarpine and high dose pilocarpine seizures. *Neuroscience* 1987;23(3):953-68.
- [2] Strohman RC, Bayne E, Spector D, Obinata T, Micou-Eastwood J, Maniotis A. Myogenesis and histogenesis of skeletal muscle on flexible membranes. *In Vitro Cell Dev. Biology* 1990;26:201-8.
- [3] Maniotis A, Schliwa M. Microsurgical removal of centrosomes blocks cellular reproduction and centrosome regeneration in BSC-1 cells. *Cell* 1991 Nov. 1;67(3):495-504.
- [4] Schutze, K., Maniotis, A., Schliwa, M. The position of the microtubule-organizing center in directionally migrating fibroblasts depends on the nature of the substratum. *Proc. Nat. Acad. Sci.* 1991;88:8367-71.
- [5] Maniotis A, Chen C, Ingber D. Demonstration of mechanical interconnections between integrins, cytoskeletal filaments, and nuclear scaffolds that stabilize nuclear structure. *Proc. Nat. Acad. Sci.* 1997;94:849-54.
- [6] Maniotis A, Bojanowski K, Ingber D. Mechanical continuity and reversible chromosome disassembly within intact genomes removed from living cells. *J. Cellular Biochem.* 1997;65:114-30.
- [7] Bojanowski K, Maniotis A, Ingber D. DNA topoisomerase II can control chromatin topology and drive chromosome condensation without enzymatically modifying DNA. *J. Cellular Biochem.* 1998;69:127-42.
- [8] Eckes B, Dogic D, Colucci-Guyon E, Wang N, Maniotis A, Ingber D, Merckling A, Aumailley M, Delouee M, Koteliensky V, Babinet C, Krieg T. Impaired mechanical stability, migration, and contractile capacity in vimentin-deficient fibroblasts. *J. Cell Science* 1998;111:1897-907.
- [9] Eckes B, Martin P, Smola H, Dogic D, Colucci-Guyon E, Maniotis A, Wang N, Aumailley M, Ingber D, Babinet C, Krieg T. Disruption of tensegrity in vimentin-deficient fibroblasts causes delayed wound healing in fetal and adult mice. *J. of Dermatol. Sci.* 1998 March;16(1001):120.

- [10] Pourati J, Maniotis A, Spiegel D, Schaffer JL, Butler JP, Fredberg JJ, Ingber DE, Stamenovic D, Wang N. Is cytoskeletal tension a major determinant of cell deformability in adherent endothelial cells? *Am. J. Physiol.* 1998 May; 274 (5 Pt 1):C1283-9.
- [11] Maniotis A, Folberg R, Hess A, Seftor E, Gardner L, Pe'er J, Trent J, Meltzer P, Hendrix M. Vascular channel formation by human uveal melanoma cells in vivo and in vitro: Vasculogenic mimicry. *Amer. J. Path.* 1999 Sept.;155(3):739-52.
- [12] Verdolini K, Zeitels S, Maniotis A, Desloge R, Hillman R. Role of mechanical stress in tissue recovery subsequent to acute phonotrauma. *Speech-Language. Path.* 1999 June.
- [13] Warso MA, Maniotis A, Chen X, Majumdar D, Patel NK, Shilkaitis A, Gupta TK, Folberg R. Prognostic significance of periodic acid-Schiff-positive patterns in primary cutaneous melanoma. *Clin Cancer Res.* 2001 Mar;7(3):473-7.
- [14] Folberg R, Chen X, Boldt HC, Pe'er J, Brown CK, Woolson RF, Maniotis AJ. Microcirculation patterns other than loops and networks in choroidal and ciliary body melanomas. *Ophthalmology* 2001;98:996-1001.
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- [20] Maniotis AJ, Valyi-Nagy K, Karavitis J, Moses J, Boddipali V, Wang Y, Nuñez R, Setty S, Arbieva Z, Bissell MJ, Folberg R. Chromatin organization measured by Alu I restriction enzyme changes with malignancy and is regulated by the extracellular matrix and the cytoskeleton. *Am J Pathol.* 2005 Apr.;166(4):1187-203.
- [21] Lin AY, Maniotis AJ, Valyi-Nagy K, Majumdar D, Setty S, Kadkol S, Leach L, Pe'er J, Folberg R. Distinguishing fibrovascular septa from vasculogenic mimicry patterns. *Arch Pathol Lab Med.* 2005 Jul.;129(7):884-92.
- [22] Kadkol SS, Lin AY, Barak V, Kalickman I, Leach L, Valyi-Nagy K, Majumdar D, Setty S, Maniotis AJ, Folberg R, Pe'er J. Osteopontin expression and serum levels in metastatic uveal melanoma: a pilot study. *Invest Ophthalmol Vis Sci.* 2006 Mar.;47(3):802-6.
- [23] Folberg R, Arbieva Z, Moses J, Hayee A, Sandal T, Kadkol S, Lin AY, Valyi-Nagy K, Setty S, Leach L, Chévez-Barrios P, Larsen P, Majumdar D, Pe'er J, Maniotis AJ. Tumor Cell Plasticity in Uveal Melanoma: Microenvironment Directed Dampening of the Invasive and Metastatic Genotype and Phenotype Accompanies the Generation of Vasculogenic Mimicry Patterns. Accepted, June, 2006, *American Journal of Pathology*, In press, October issue, 2006.
- [24] Ingber D, Dike L, Hansen L, Karp S, Liley H, Maniotis A, McNamee H, Mooney D, Sims J, Wang N. Cellular tensegrity: exploring how mechanical changes in the cytoskeleton regulate cell growth, migration, and tissue pattern during morphogenesis. In: *Engineering of the cytoskeleton in developmental biology*. 1994;150:173-224.
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- [26] Chen C, Ingber D, Maniotis A. A strategy for research in space biology and medicine in the new century. *Physiology, Gravity, Space*, Chapter 6, 1998.
- [27] Folberg R, Hendrix M, Maniotis A. Vasculogenic mimicry and tumor angiogenesis. *Am. J. Pathol.* 2000 Feb.; [Review] 156(2):361-81.
- [28] Folberg R, Pe'er J, Maniotis AJ. Extravascular matrix patterns in uveal melanoma: histogenesis, structure, and molecular regulation. In: *Uveal Melanoma: A model for Exploring Fundamental Cancer Biology*. Swets & Zeitlinger, Publishers, 2004.
- [29] Gordon R, Karavitis J, Moses J, Valyi-Nagy K, Maniotis A. Differentiation waves versus positional information of morphogen gradients: which is cause and effect? *Fifth International Workshop on Information Processing in Cells and Tissues*, September 8 - 11, 2003 Lausanne, Switzerland.
- [30] Papadopoulos-Eleopoulos E, Turner VF, Papadimitriou J, Page B, Causer D, Alfonso H, Mhlango S, Miller T, Maniotis A, Fiala C. A critique of the Montagnier evidence for the HIV/AIDS hypothesis. *Med Hypotheses.* 2004; 63(4):597-601.
- [31] Folberg R, Arbieva Z, Moses J, Hayee A, Sandal T, Kadkol S, Lin AY, Valyi-Nagy K, Setty S, Leach L, Chévez-Barrios P, Larsen P, Majumdar D, Pe'er J, Maniotis AJ. Tumor cell plasticity in uveal melanoma: microenvironment directed dampening of the invasive and metastatic genotype and phenotype accompanies the generation of vasculogenic mimicry patterns. *Am J Pathol.*, 2006 Oct.;169(4):1376-89.
- [32] Folberg R, Maniotis A. Vasculogenic mimicry. *Acta Pathologica Microbiologica et Immunologica Scandinavica*, 2004;112:508-25.
- [33] Guzman G, Cotler SJ, Lin AY, Folberg R, Maniotis AJ. Expression of vasculogenic mimicry correlates with earlier hepatocellular carcinoma recurrence after orthotopic liver transplant. Submitted.
- [34] Sandal T, Folberg R, Maniotis A. Targeting the extracellular matrix tumor biofilm: disrupting tumor organization by antibodies to the matrix assembly domains of fibronectin, is accompanied by tumor cell death. Submitted.
- [35] Sandal T, Valyi-Nagy K, Hayee A, Marton LJ, Maniotis AJ. Sensitivity of metastatic cells to polyamine analogs depends upon DNA sequestration and phenotype. Submitted.
- [36] Sandal T, Valyi-Nagy K, Folberg R, Bissell M, Spensor V, Maniotis A. Epigenetic reversion of breast carcinoma phenotype and DNA sequestration. Submitted.
- [37] Valyi-Nagy K, Folberg R, Valyi-Nagy T, Maniotis AJ. Susceptibility of herpes simplex virus type I and II, the role of tumor invasiveness, the extracellular matrix, and chromatin sequestration. Submitted.

## Some expert critiques of primary work

### Work on centrosomes and cellular microsurgery:

- Nature, 1992, 355:300-1. "Centrosome and Cell Division."
- Current Opinions in Cell Biology, 1992; 2(5):243-5. "Double or Nothing."

### Work on cytoskeletal mechanics, tensegrity, and genomics:

- Science, 1997, 276:678-9; "Force-Carrying Web Pervades Living Cell."
- Annu. Rev. of Physiol., 1997, 59:575-99. "Tensegrity: The Architectural Basis of Cellular Signal Transduction."
- Scientific American, January, 1998, pp48-57, "The Architecture of Life."
- Biochem. Cell Biol., 2001, 79:267-74. "The integration of tissue structure and nuclear function."

### Work on cancer:

- Science, September 3rd, 1999. "New type of blood vessel found in tumors." p1475.
- The Lancet, Sept. 13, 1999. "Tumors find another way to feed themselves." p2.
- Amer. J. Path., September, 1999, "Tumor plasticity allows vasculogenic mimicry, a novel form of angiogenic switch." pps. 675-679.
- Focus, Number 38, 20 September, 1999. Nahung fur den Krebs. Cover story.
- Chicago Tribune, September 17, 1999. "Cancer Theory is Questioned." Front page.
- College of American Pathologists, 2000. "Eyeing a new path for tumor growth." Feature story.
- New Scientist: 11 Sept, 1999. "Organized Killers," p11.
- Science, Vol. 287, 4 Feb. 2000. "Face-off over tumor blood supply," pps. 783-4.

- Nature Medicine, Volume 6 Number 4 April 2000. "Mechanisms of angiogenesis and arteriogenesis", p. 392.
- The Lancet Oncology Vol 3 January 2002. Melanoma–stroma interactions: structural and functional aspects. p35-43.
- Basic Pathology, W B Saunders Co. Current 2004 Edition. In: Neoplasia; "Vasculogenic mimicry in Uveal melanomas." V Kumar, R S Cotran and S L Robbins.
- Am J Pathol. 2005 Apr;166(4):959-62. Review. Mechanogenomic control of DNA exposure and sequestration. Stein GS.
- DNA 'Packaging' Linked with Cancer; National Review of Medicine (Canada). May 15, 2005, Vol. 2, No. 9. "Protein markers flag cancer cells that are impervious to chemo."

### Current Grant Support

Project title: **"Microcirculation of Uveal Melanoma"**

Source: NIH RO1 10457-07  
Sponsoring Institution: UIC.  
Dates of project: 1/01/97--12/31/06.  
Total direct costs: \$800,274  
Role: Co-P.I. 50% Effort. Active.

Project title: **"The Rapid Infectivity and Lysis Assay (RILA)"**

Source: Navy  
Sponsoring Institution: UIC  
Dates of project: Aug. 2006-March 2006  
Total direct costs: \$70,000  
Role: P.I. 10% effort. Active.

Project title: **"The action of polyamine analogs"**

Source: Cellgate Pharmaceuticals.  
Dates of project: 6/2006-12/2006  
Total Direct Costs: \$30,000  
Role: P.I. 5% effort. Active.

### Past Grant Support

Project title: **"Determinants of Lung Parenchymal Function"**

Source: NIH-Consortium Grant. PO1 HL33009-11  
Sponsoring Institution: Harvard Medical School  
Dates of project: 1998-2000.  
Total direct costs: \$6,957,825 over 5 years.  
Role: Project co-investigator. Completed.

Project title: **"Novel Inhibitors of Angiogenesis and Tumor Vasculogenesis"**

Source: NCI. R21 CA83137-01  
Sponsoring Institution: University of Iowa.  
Dates of project: 7/01/99--11/30/2001. Extended to August 2002.  
Total direct costs: \$193,256 over 2 years.  
Role: P.I. Completed.

Project title: **"Regulation of Uveal Melanoma Interconverted phenotype"**

Source: NCI. RO1-CA 80318-01  
Sponsoring Institution: University of Iowa  
Dates of project: Began December 1998-2003.  
Total direct costs: \$993,000 over 5 years.  
Role: Co-principal investigator. Completed.

Project title: **"Controlling The Organization Of The Breast Cancer Cell Genome With Extracellular Matrix"**

Source: DOE subcontract.  
Sponsoring Institution: UIC, Lawrence Berkeley Laboratories, Mina Bissell, P.I.  
Dates of project: 1/2003-2/2005  
Total Direct Costs: \$230,000  
Role: P.I. 35% effort. Completed.

### Inventions

- Quantitative chromosome stability assay.
- Cytoplasm morphogenesis assay.
- Three-dimensional gene sequestration and expression assay.
- Rapid Infectivity and lysis assay (RILA).
- Tumor reversion assay.

### Teaching Experience

- Spring, 1983. Instructor: "Osteology". Department of Anthropology, Washington University, St. Louis, MO.
- Fall, 1986, Spring, 1987. Instructor: "Biology 1A, 1B". Department of Zoology, University of California, Berkeley, CA.
- Fall, 1988, Lecturer: "Cytogenetics" 110, Department of Zoology, University of California, Berkeley CA.
- Spring, 1989. Lecturer: "Cytogenetics Laboratory". Department of Zoology, University of California, Berkeley CA.
- Fall, 1989. Instructor, "Molecular Cell Biology". Department of Molecular Biology, University of California, Berkeley CA.
- Spring, 1990. Course Coordinator and Instructor: "Molecular Cell Biology 130". Department of Molecular Cell Biology, University of California, Berkeley, CA.
- May, 1991. Instructor: "Advanced Quantitative Light Microscopy". Woods Hole, MA.
- Fall 1997-8. Research Scientist. "Cell Biology", graduate course. Department of Biochemistry. University of Iowa Medical College, Iowa City, IA.
- Fall 2000. Assistant Professor of Pathology. Bioengineering 1A. Department of Bioengineering, University of Illinois, Chicago, Chicago, IL.
- Spring, 2000. Assistant Professor of Pathology. "Cell Biology". Department of Physiology and Biophysics. University of Illinois, Chicago, Chicago, IL.
- Fall 2001. Assistant Professor of Pathology. "Pathology for 2<sup>nd</sup> Year Medical students". Department of Pathology. University of Illinois, Chicago, Chicago, IL.
- Fall 2001. Assistant Professor of Pathology. "Graduate Course in Microbiology". Department of Microbiology. University of Illinois, Chicago, Chicago, IL.
- Spring, 2002. Assistant Professor of Pathology. "Cell Biology". Department of Physiology and Biophysics. University of Illinois, Chicago, Chicago, IL.
- Fall, 2002. Assistant Professor of Pathology. "Pathology for 2<sup>nd</sup> Year Medical Students. Department of Pathology, University of Illinois, Chicago, IL.
- Spring, 2003. Assistant Professor of Pathology. "Cell Biology". Department of Physiology and Biophysics. University of Illinois, Chicago, Chicago, IL.
- Fall, 2004. Assistant Professor of Bioengineering. Senior Design Course. Department of Bioengineering, University of Illinois, Chicago, Chicago IL.
- Spring, 2004. Assistant Professor of Bioengineering. Senior Design Course. Department of Bioengineering, University of Illinois, Chicago, Chicago IL.

### Undergraduate Students in the lab

- 2002-2003. Ms. Ying Wang. Synkaryon construction project as a test for the effect of matrix on microenvironmental subzones.
- 2001-2003. Mr. Christopher Garcia. Developed an enucleated cell model as a test for the effect of matrix on cells lacking nuclei.
- 2004-2005. Bioengineering Senior Design Course, Bio E, 398.  
Team 1 "Matrix Chip" group: Monika Kaniszewska, Anne Styka, Amy Peters.
- Team 2 "Oncogel" group: Tiffany Moy, Priyamvada Nagar, Qian Sun.
- Team 3. "Cancer Hyperthermia" group: Bob Trombley, Mateusz Zagata, Rana Deeb.

Teams 1, 2 won 1st and 2nd place awards in the UIC Health and Medicine Engineering Expo, 2005, April 12, 2005, Student Center East for the design and construction of a "Three-dimensional matrix chip for cancer diagnostics (Monika Kaniszewska, Anne Styka, Amy Peters), and for a "Constricting gel assay and therapeutic patch." See: [http://www.uic.edu/depts/enga/current\\_students/expo2005.htm](http://www.uic.edu/depts/enga/current_students/expo2005.htm).

2006. Bioengineering Senior Design Course, Bio E, 398. A mechanical model of gene control elements: Wajeeha Mahmood, Ravi Patel, Rishi Patel, Mariam Shafiq.

### Graduate student courses and seminars at UIC

- Cell biology of normal and tumor-cell mechanics during normal morphogenesis and deregulation.
- Multiple mechanisms of tissue and molecular mimicry are exhibited by aggressive cancers and constitute a ground state of cellular and genomic deregulation.
- Cancer, AIDS,. And AIDS-related Cancers.
- Cytoplasmic imprinting during morphogenesis.
- The nucleus as a discrete state structural processor of developmental signaling.
- Role of interchromosomal sequences in genomic organization and signal processing.
- Application of specific immunomarkers, computed tomography, and atomic force microscopy in the determination of the specific order of chromosomes.
- Topological reconstruction of the malignant melanomas.
- Living cells are organized in a manner that reflects the organizational and mechanical principles of tensional integrity (tensegrity).

### Editor (Colombia, South America)

#### Juan Martínez, MD

Dr. Juan Manuel Martínez Méndez graduated in 1987 from Pontificia Universidad Javeriana located in Bogotá, Colombia. Although alternative medicine captured his attention prior to entering the University, it was only after he attended a seminar in 1992 that he really began intense research and study of this topic. From July to December 1986 he did his internship at Hospital San Rafael de Duitama. His internship continued from January to June 1987 at Hospital Universitario San Ignacio. He completed one year of Traditional Chinese Medicine that also involved other holistic approaches. Dr. Martinez is a firm proponent of nutrition as a key in dealing with most diseases.

He is a self taught health complimentary practitioner. He began studying Homeopathy approaches in 1994. In 1999 he received a Homeopathic Therapeutics Diploma from the Centre d'Enseignement et Développement de l' Homéopathie (C.E.D.H.) in Boiron-Balcas, Bogotá, Colombia. His three children were the inspiration for The Post-Vaccinal Syndrome, which he validated in a homeopathic course and then wrote a thesis on the topic at Fundación Instituto Colombiano de Homeopatía Luis G. Páez in 2001. He currently teaches this topic to other medical doctors and veterinarians at this institute.

During a 3-year hiatus from serving as an orthodox medical practitioner, Dr. Martinez devoted his efforts to research activities that led to his works concerning euglycaemia, progesterone sarcode, and the translation works.

Dr. Martinez is a leader in the field of Alternative Medicine and Homeopathic practice and research. He has investigated the treatment of acute and chronic diseases in depth and has been a pioneer in the area of glandular diseases and post vaccinal syndrome. His excellent reputation earned him a full scholarship during 1999 to 2003 to Homoeopathic Online Education, an Internet post graduate course in advanced homeopathy.

After working at various different medical centers from 1989 to 1999, he currently works in an HMO as a general practitioner and does private consultations. He has been a member of the The Science Advisory Board, The Scientist (<http://www.scienceboard.net/>), Fundación Instituto Colombiano de Home-

opatía Luis G. Páez, and National Center for Homeopathy. Alexandria, Virginia.

His personal approach involves four fundamental areas that are complimentary and interdependent, whereby when correcting one, the others follow:

1. Eucapnia, recently described by Professor Buteyko, concerns maintaining of the desirable concentration (6.5%) of CO<sub>2</sub> in lung alveoli. This is achieved via Buteyko therapy, a simple education program aimed at reversing chronic hyperventilation that can be an underlying cause of more than 100 illnesses.
2. Eustress, previously described in studies by the late Dr. Selye, concerns not manifesting low or high stress, but the optimum (helped by sports) for healthy living.
3. Eukinetics, described by osteopathy, ortho-bionomy, etc., concerns the proper and desirable structural relation of bones, joints, ligaments which is accomplished through disciplined exercise.
4. Euglycaemia, is the work horse and research shows that an optimal level of glucose around the clock is essential to obviating acute (as well as life-threatening situations like septicemia), chronic, and degenerative conditions.

### Translation into Spanish

- General Analysis Du Docteur Cyrus Maxwell Boger
- Traduction, adaptation et commentaires du Docteur Robert Séror, d'Oloron-Sainte. Adapted and enlarged into Spanish.
- Remèdes Des Saisons, Dr. Robert Seror
- Les Tableaux Lunaires du Dr. C.M. Boger
- Les Mots Clés De La Matière Médicale Homéopathique, Dr. Robert Seror
- Première Et Deuxième Prescriptions. (Tableau synoptique). Dr. Robert Seror
- Répertoire Des Suppressions En Homéopathie Generalities.
- Key notes comparatives Docteur Robert Séror.

### Publications

#### English

- [1] The euglycaemic status and infections. A step to real immunity. Homeolinks, The Netherlands, Vol. 15, Winter 2002.
- [2] The euglycaemic status and infections. A step to real immunity. Updated and revised, The Townsend Letter for Patients and Doctors, USA, Aug./Sept. 2004.
- [3] Progesterone a "mother" key sarcode. The Homeopath, Dec. 2004.

#### Spanish

- [1] Manual de las vitaminas y una alimentación saludable [Manual of vitamins and healthy eating], Dec. 1995.
- [2] Antecedentes en medicina complementaria [Antecedents in complementary medicine], Dec. 1995.
- [3] Dieta anti-hipoglicémica [Anti-hypoglycemic diet] enlarged and adapted from Dr. John Tintera, MD. Sept. 2003.
- [4] Magnesio: El mineral esencial [Magnesium: The essential mineral], Oct. 2003.
- [5] La tiroides: El segundo guardián de la salud [The thyroid: The second guardian of health], Sept. 2004.
- [6] La suprarrenal. El primer guardián de la salud [The adrenals: The first guardians of health], July 2004.
- [7] La gelatina. Un extraordinario suplemento [Gelatin: An extraordinary supplement], Dec. 2004.



## **Editor (Washington, United States)**

### **Donald W. Miller, Jr., MD**

Donald W. Miller was born in Honolulu, Hawaii on August 5, 1940 where his father, a career Navy surgeon, was then stationed. After receiving an A.B. at Dartmouth College and a M.D. degree from Harvard, he did 7 years of post-graduate surgical training, in general and cardiothoracic surgery, at three hospitals in New York City--Roosevelt Hospital (two blocks south of Lincoln Center, for five years) and then at Columbia-Presbyterian Medical Center and Harlem Hospital. Donald Miller served two years active duty in the Navy, as a Lieutenant Commander, USNR (1970-72) stationed at the Naval Hospital, Camp Lejeune, NC.

Residency training completed, he moved to Seattle and joined the faculty of the University of Washington School of Medicine. Dr. Donald Miller was appointed Chief of its Division of Cardiothoracic Surgery in 1978. After a sojourn practicing cardiac surgery at Swedish Medical Center (1980-2002), where he served as Medical Director of the Swedish Heart Institute from 1994 to 1997, he returned (in January 2003) to the University of Washington as a full-time professor of surgery.

Dr. Miller has written two books on heart surgery, *The Practice of Coronary Bypass Surgery* (1978) and *Atlas of Cardiac Surgery* (1983). His views on life are shaped from spending a lot of time over the years in the life and death setting of an open heart operating room.

Music is one of his passions. It began at an early age, playing the saxophone. He played in a student jazz band at the age of 12 and in a hard-bop jazz quintet in high school and college. His college group, The Modern Men, performed at two intercollegiate jazz festivals (in the early 1960s)—at Notre Dame and at Georgetown. Over the years, he has been collecting 78 rpm and LP recordings of jazz, opera, and classical music, notably recordings by the great conductors. Dr. Miller has served on the Board of Trustees of the Seattle Opera, was previously on the Board of the Seattle Symphony Orchestra, and is on the Visiting Committee for the School of Music at the University of Washington.

Dr. Donald Miller has maintained a long-standing interest in philosophy, focusing on Arthur Schopenhauer, and read widely on economics, history, science, and Shakespeare. When not in the operating room or doing these things, he enjoys hiking in the mountains of Washington with his wife, Linda (and when he can corral them, his four children).

#### **Faculty Positions**

- 1975-1978 Assistant Professor, Surgery, Division of Cardiothoracic Surgery, University of Washington School of Medicine
- 1978-1980 Associate Professor and Chief, Division of Cardiothoracic Surgery, UW School of Medicine
- 1980-2003 Clinical Associate Professor, Surgery, Division of Cardiothoracic Surgery, UW School of Medicine
- 2003-Present Professor, Surgery, Division of Cardiothoracic Surgery, UW School of Medicine

#### **Hospital Positions**

- 1994-1997 Medical Director, Swedish Heart Institute, Swedish Medical Center, Seattle, WA

- 1997-2003 Cardiac Surgeon, Swedish Cardiac Surgery, Swedish Medical Center
- 2003-Present Director, Cardiac Surgery, VA Puget Sound Health Care System, Seattle
- 2003-Present Staff Cardiac Surgeon, University of Washington

#### **Medical Center Honors**

- 1958 West Point Football Leadership Award. Presented at the Touchdown Club of Washington, D.C. Twenty-third Annual Dinner, by Vice-President Richard Nixon
- 1965 Boylston Society, Harvard Medical School Board Certification

#### **Board Certification**

- 1971 American Board of Surgery
- 1975 American Board of Thoracic Surgery Licensure

#### **Licensure**

- 1974-Present Washington

#### **Private Practice**

- 1974-1975 Seattle Heart Surgery, Inc. P.S.
- 1980-1992 Northwest Cardiac Surgery Associates
- 1992-1997 Miller & Gregg Cardiac Surgery

#### **Professional Society Memberships**

- American Association of Thoracic Surgery
- Western Thoracic Surgical Society
- American College of Surgeons
- Seattle Surgical Society
- Doctors for Disaster Preparedness
- Society of Thoracic Surgeons (1975-1998)
- North Pacific Surgical Association (1982-1990)

#### **Other Professional Activities**

- Laboratory Research: Investigator (with Dr. F. V. McCann), Invertebrate Intracardiac Electrophysiology, Marine Biological Laboratory; Woods Hole, Massachusetts, summer 1962.
- Member of the Search Committee to appoint a new Chairman of the Department of Medicine, University of Washington School of Medicine, 1979-1980.
- Executive Committee, Swedish Hospital Medical Center, 1985-1988.
- Surgical Council, Swedish Hospital Medical Center, 1989-1992.
- Chief Medical Consulting Officer, preventionZONE, LLC/dba iWellness, 2002-2003.

#### **Books Written**

- Miller, D.W., Jr.: *The Practice of Coronary Artery Bypass Surgery* (243 pages). New York: Plenum Publishing Corp., 1977. ISBN 0-306-31065-1
- Dillard, D.H. and Miller, D.W., Jr.: *Atlas of Cardiac Surgery* (258 pages). New York: MacMillan Publishing Corp., 1983. ISBN 0-02-329530-9
- *Atlas of Cardiac Surgery* translated into Japanese and published by Dobin Shoin, Tokyo, 1985.
- Miller, D.W., Jr.: *Heart in Hand* (251 pages) Xlibris Corp., 1999. ISBN 0-7388-0668-4 (Hardcover), 0-7388-0669-2 (Softcover).
- Book Chapter: Miller, D.W., Jr. and Johnson, D.D.: *Coronary Bypass Surgery in the 1980s*. In *Clinical Essays on the Heart*, Volume 2. Hurst, J.W., Editor. New York: McGraw Hill, 1983.

## Taped Interview

- Miller DW, Jr. and Likoff W: The Practice of Coronary Artery Bypass Surgery in the 1980s. ACCEL. (American College of Cardiology), 13: 4, Side 1, April, 1981.

## Community and Cultural Activities (partial list)

- Board of Directors, Seattle Symphony Orchestra, 1983-1987.
- Member of the (six-person) Search Committee to appoint a new Music Director/Conductor, 1984.
- Board of Trustees, Seattle Opera Association, 1984-Present
- Development Advisory Board, College of Arts and Sciences, University of Washington, 1985-1988.
- Board of Trustees, Seattle Chamber Music Festival, 1986 to 1995.
- Visiting Committee, School of Music, College of Arts and Sciences, University of Washington, 1988-Present
- The Diet, City of Seattle, 1995-Present
- Board of Directors, Prepared Response, Inc., 2001-2002.
- Board of Directors, preventionZONE, LLC/dba iWellness, 2002-2003.

## Papers Presented (Medically related) at Regional, National, and International Meetings

- [1] Lower Esophageal Webs, *Annual Meeting*, New York Society for Thoracic Surgery; New York, New York, February 15, 1968.
- [2] Celiac Artery Aneurysms: Rational for Celiac Axis Ligation with Excisional Treatment, *Sixteenth Annual Meeting*, American College of Angiology; New York, New York, June 25, 1970.
- [3] Angina: Surgical Treatment, *Family Practice Refresher Course*, King County Academy of Family Physicians; Seattle, Washington, February 2, 1975.
- [4] Indications for and Results of Coronary Vein Bypass Surgery, *Postgraduate Course, Internal Medicine*, University of Washington; Seattle, May 14, 1976.
- [5] Current Practice of Coronary Artery Bypass Surgery: Results of a National Survey, *Second Annual Meeting*, Samson Thoracic Surgical Society; Banff, (Alberta) Canada, June 2, 1976.
- [6] Surgical Experience with Bypass Grafts: Overview of a National Experience, *Atherosclerotic Heart Disease*, 1977, American Heart Association; Victoria, (British Columbia) Canada, July 22, 1977.
- [7] Surgical Management of Coronary Atherosclerosis, *Current Concepts and Controversies in Medicine*, University of Washington; Seattle, May 5-6, 1978.
- [8] Surgical Therapy for Catastrophic Complications of Infarction, *Annual Meeting, Pacific Northwest Chapter*, American College of Chest Physicians; Seattle, Washington, July 21, 1978.
- [9] Medical-Surgical Management of Angina, Grand Rounds, Kennewick General Hospital; Kennewick, Washington, July 3, 1979.
- [10] Risks of Coronary Arteriography and Bypass Surgery in Patients with Left Main Coronary Stenosis, *VII Asian-Pacific Congress of Cardiology*; Bangkok, Thailand, November 25-30, 1979.
- [11] Results of a Survey of the Professional Activities of 811 Cardiopulmonary Perfusionists, *Seventh Annual Meeting of the Samson Thoracic Surgical Society*; Maui, Hawaii, June 26, 1981.
- [12] Constructing a Cardiac Surgery Database, Computers in Medicine Symposium: Part I, Swedish Hospital Medical Center; Seattle, Washington, July 8, 1983.
- [13] Cardiac Surgery Databases, *Computers in Medicine Symposium: Part III*, Swedish Hospital Medical Center; Seattle, Washington, September 30, 1983.
- [14] Professional Activities of Perfusionists, *Pathophysiology & Techniques of Cardiopulmonary Bypass: IV*; San Diego, California, March 11, 1984.
- [15] Ventricular Septal Defect following Blunt Thoracic and Abdominal Trauma, *Annual Scientific Program*, Seattle Surgical Society; Seattle, January 16, 1987.
- [16] Valve Replacement in the Elderly, *Cardiology Update*, American Heart Association of Washington; Seattle, October 13-14, 1988.
- [17] The UW Model for Risk Stratification, *Forum on Risk Stratification of the Cardiac Surgery Patient*, University of Washington; Seattle, December 5, 1992

- [18] Risk Stratification in the Assessment of Cardiac Surgical Outcome and Cost, *Annual Scientific Program*, Seattle Surgical Society; Seattle, Washington, January 23, 1993.
- [19] The Art and Science of Cardiac Surgery, *Festspiel* for Dr. David Dillard, University of Washington; Seattle, August 27, 1993.
- [20] Risk Stratification In Patients Undergoing Heart Surgery, *The Crystal Conference: Cost Effective Cardiology for the Primary Care Physician*; Crystal Mountain Resort, March 12, 1994

## Publications (Science and Medicine)

### Abstracts/Published Discussions

- [1] Miller, D.W., Jr., McCann, F.V.: Action Potentials in Single Cells of a Tunicate Heart. *Biological Bulletin*, 123: 504, 1962.
- [2] McCann, F.V., Miller, D.W., Jr.: Intracellular Cardiac Potentials in Limulus during Ganglionic Stimulation. *Biological Bulletin*, 123: 505, 1962.
- [3] Miller, D.W., Jr.: Coronary Artery Bypass Surgery (Reply). *Journal of Thoracic and Cardiovascular Surgery*, 74: 814, 1977.
- [4] Miller, D.W., Jr.: Discussion of Myocardial Preservation during Coronary Bypass Grafting. *Thoracic and Cardiovascular Surgery*, 75: 177, 1978.
- [5] Miller, D.W., Jr.: Discussion of Coronary Artery Bypass with the Internal Mammary Artery. *Thoracic and Cardiovascular Surgery*, 75: 497, 1978.
- [6] Miller, D.W., Jr., Ivey, T.D., Bailey, W.W., Johnson, D.D., Hessel, E.A., II: The Practice of Coronary Bypass Surgery in 1980. *Circulation*, 62: Supplement III, 95, 1980.
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- [8] Miller, D.W., Jr.: Discussion of Translocation. *Thoracic and Cardiovascular Surgery*, 81: 218, 1981.

### Journal Articles (Peer Reviewed)

- [1] Miller DW Jr, Wichern WA Jr. Lower Esophageal Rings, Webs, and Annular Strictures. *Annals of Thoracic Surgery*, 1968;6:401.
- [2] Miller, DW Jr., Steward DF, Rosner W. Hypoglycemia Caused by Abdominal Leiomyosarcoma. *American Journal Surgery*, 1970;119:754.
- [3] Miller DW Jr, Royster TS. Celiac Artery Aneurysms: Rationale for Celiac Axis Ligation with Excisional Treatment. *Vascular Surgery*, 1971;5:42.
- [4] Miller DW Jr, Wichern WA Jr. Perforated Sigmoid Diverticulitis: Appraisal of Primary Versus Delayed Resection. *American Journal of Surgery*, 1971;121:536.
- [5] Miller DW Jr, Kelly DL. Splenic Trauma in Children. *Archives of Surgery*, 1972;105:561.
- [6] Relland JYM., Miller DW Jr, and Carberry DM. Traumatic Rupture of the Tracheobronchial Tree. *New York State Journal of Medicine*, 1973; 73:1291.
- [7] Miller DW Jr, Hutchinson JE III, Malm JR. The Nature of Chest Trauma in an Urban Ghetto. *New York State Journal of Medicine*, 1976;76:1102.
- [8] Miller DW Jr, Hessel EA II, Wintersheid LC, Merendino KA, and Dillard DH: Current Practice of Coronary Artery Bypass Surgery. *Journal of Thoracic and Cardiovascular Surgery*, 1977;73:75.
- [9] Miller DW Jr, Dodge HT. The Benefits of Coronary Artery Bypass Surgery. *Archives of Internal Medicine*, 1977;137:1439.
- [10] Miller DW Jr, Bruce RA, Dodge HT: Physiologic Improvement Following Coronary Artery Bypass Surgery. *Circulation*, 1978;57:831.
- [11] Miller DW Jr, Johnson DD, Ivey TD. Does Preservation of the Posterior Chordae Tendineae Enhance Survival after Mitral Valve Replacement? *Annals of Thoracic Surgery*, 1979;27:543.
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- [14] Hessel EA II, Johnson DD, Ivey TD, Miller DW Jr. Membrane Versus Bubble Oxygenator for Cardiac Operations: A Prospective Randomized Study. *Journal of Thoracic and Cardiovascular Surgery*, 1980;80:111.
- [15] Miller DW Jr, Ivey TD, Bailey WW, Johnson DD, Hessel EA II. The Practice of Coronary Bypass Surgery in 1980. *Journal of Thoracic and Cardiovascular Surgery*, 1981;81:413.
- [16] Miller DW Jr, Tobis F, Ivey TD, Rubenstein SA. Risks of Coronary Arteriography and Bypass Surgery for Left Main Coronary Stenosis. *Chest*, 1981;79:387.

- [17] Breslau PJ, Fell G, Ivey TD, Bailey WW, Miller DW Jr, Strandness DE Jr. Carotid Arterial Disease In Patients Undergoing Coronary Artery Bypass Operations. *Journal of Thoracic and Cardiovascular Surgery*, 1981; 82:765-67.
- [18] Ivey TE, Simonwitz DA, Dillard DH, Miller DW Jr. Boerhaaves Syndrome: Conservative Management in Three Patients with Late Presentation. *American Journal of Surgery*, 1981;141:531.
- [19] Miller DW Jr, Binford JM, Hessel EA II. Results of a Survey of the Professional Activities of 811 Cardiopulmonary Perfusionists. *Journal of Thoracic and Cardiovascular Surgery*, 1982;83:385.
- [20] Bailey WW, Ivey TD, Miller DW Jr. Dacron Patch Closure of Aortic Annulus Mycotic Aneurysms. *Circulation*, 1982;66(Supplement I):127.
- [21] Ivey MF, Ivey TD, Bailey WW, Williams DB, Hessel EA II, Miller DW Jr. Influence of Propranolol on Supraventricular Tachycardia Early After Coronary Artery Revascularization: A Randomized Trial. *Journal of Thoracic and Cardiovascular Surgery*, 1983;85:214.
- [22] Miller DW Jr., Johnson DD. Omental Pedicle Graft in the Management of Infected Ascending Aortic Prosthesis. *Annals of Thoracic Surgery*, 1987;44:614.
- [23] Sparrow JG, Miller DW Jr. Ventricular Septal Defect following Blunt Thoracic and Abdominal Trauma: Case Report. *Journal of Trauma*, 1989; 29:349.
- [24] Bruce R A, Johnson AD, Ivey TD, Miller DW Jr, *et al.* Relation of Survival After Coronary Artery Bypass Grafting to Functional Adequacy of Surgical Results. *Coronary Artery Disease*, 1990;1:331.
- [25] Eddy AC, Miller DW Jr, Johnson DD, Gartman D, *et al.* Anterior Sternal Retraction for Reoperative Median Sternotomy. *American Journal of Surgery*, 1991;161:556.

### Editor (Egypt)

**Ali Saber Mohamed, MB, BCH, D Psych**

Dr. Ali S. Mohamed serves as a neuropsychiatrist at Al-Soliman Hospital in Port Said, Egypt. His scientific interests include developmental disorders (e.g., autism, ADHD, and learning disorders), schizophrenia and bipolar disorder, as well as the neurobiological, cognitive, and behavioral basis of disorders. He has authored three books in UAE, Sharjah.

Dr. Mohamed shared in the establishment of the Pan African Federation of Disabled People. He also serves as head physician of the committee of rehabilitation in Port Said governorate, Egypt.

Dr. Mohamed is highly concerned with Psychology and Legislation of disability, as he himself had his right leg amputated at 15 years old.

### Education

- Bachelor of Medicine December 1987
- Master Thesis on Prevalence of Disability among children attending health centers, 1993
- Resident physician Physical Med. And Rehab. until 1993
- Resident physician Psychiatry 1993 – 2000
- Diploma of Neurological and Psychiatric diseases, 2000
- Specialist of Neuropsychiatry since 2000

### Books

- Psycho-social Aspects of Disability
- Family of disabled child
- Characteristics of children 1-18 years old

In press

- 1) Mental Retardation
- 2) Child Personality

### Articles

Many on medical, neurologic and psychiatric issues in Arabic magazines.

1) Series in the Monthly (Almanal Magazine, UAE, Sharjah) as regular writer:

- Autism Diagnosis and Treatment
- Psychology of disability
- Family of disabled child
- Disabled people in war time and disasters
- Stem cells in medicine
- How media portrayed disabled
- Others

2) Schizophrenic can kill. *Rose Al-Yousef Magazine*, Egypt

3) *Mental Health of Deaf. Proceedings* of 8<sup>th</sup> Conference of Arab Deaf Association 2005, Tunisia.

4) How Disabled can reach media. *Proceedings* of 4<sup>th</sup> annual meeting of almanal at UAE 2005.

5) Legislation and disability. The quarterly magazine of *Egyptian Disabled Association*.

### Editor (Arizona, United States)

**Woodrow C. Monte, PhD**

Dr. Monte has an interest in food born diseases and food additive safety. His public intervention and testimony before the U.S. Congress was instrumental in changes made in the food law that resulted in the prevention of Sulfites being listed on the USFDA G.R.A.S. list and implementation of mandatory labeling of most foods that have this dangerous compound as an additive.

Since his retirement as Professor of Food Science from Arizona State university in 2004, he has continued his study of the food contaminant methanol and it's requisite metabolite formaldehyde as potential etiologic agents for various autoimmune diseases. Dr. Monte maintains the website TheTruthAboutStuff.com

### Academic Preparation

1979 Ph.D. Food Science and Nutrition Colorado State University

1975 M.S. Food Science and Nutrition Colorado State University; Honors: Tuition Scholarship

1967 B.S. Major: Biology; Minor: Microbiology, New Mexico Institute of Mining & Technology Honors: National Science Foundation Undergraduate Research Participation Grant. President of the Student Body.

### Employment History

- 1979-2004 Professor of Foods Science (now retired), Department of Nutrition, Arizona State University Tempe, Arizona
  - Honors: Nominated by the Council for International Exchange of Scholars for a Senior Fulbright Lecturing Award.
  - Courtesy Professor of Foods Science, Department of Food Science and Technology, Oregon State University, Corvallis, Oregon. (Summer Terms) Marine Science Center, Newport, Oregon

- Director, Food Science and Nutrition Laboratories, Arizona State University
- Duties: Direct all research and teaching activities, supervise technical and clerical staff, develop funding sources and coordinate university and industrial activities.
- Director Dietetic Program, Arizona State University
- Duties: Coordinate course work, advisement and competency requirements for the American Dietetic Association approved program, 150 undergraduates. One of only programs throughout the United States approved for all emphasis areas of Dietetics; General, Management, Clinical and Community.
- Assistant Professor of Foods and Nutrition, Central Washington, University Ellensburg, Washington
- Dietitian for the Student Health Center Hospital (1978-1979).
- 1975-76 Municipal Judge, Wellington, Colorado
  - Duties: Serve as presiding magistrate/ revise court system procedures and policies to conform to state statutes/ supervise court clerk, bailiff.
  - Director of Rehabilitation Wellington Urban Renewal Authority, Wellington, Colorado
  - Duties: Writing of grant proposals to the Department of Housing and Urban Development/ supervision of all rehabilitation projects, employees and contractors.
- 1973-74 Trustee, Wellington, Colorado
  - Duties: Serve as a voting member of the town council. Responsibilities included organizing efforts to procure federal funding. Smallest city in the Nation to receive a Department of Housing and Urban Development Urban Renewal Grant.
  - Director of Research and Quality Control E.B. Millar Coffee Company 3275 Denargo Street, Denver, Colorado 80217
  - Duties: Supervise Research and Quality Control Laboratory and staff/ product development/ process improvement/ packaging modifications.
  - Research Assistant, Under Joseph Maga, Ph.D. Department of Food Science and Nutrition, Colorado State University (Flavor Chemistry, Antioxidant Research)
  - Instructor, Department of Biological Science, Colorado Academy (Prep. School) Englewood, Colorado
  - Here I developed an underwater laboratory with funds I solicited from the Readers Digest Foundation and the Louis Polk Foundation. This facility achieved some national recognition. My Students convinced the US Geological Survey to call the pond Woody's Pond.

## Number of Patents

22 U.S Patents issued

## Selected Publications

- [1] Monte WC. Bittersweet: Aspartame Breast Cancer Link. *Fitness Life* 2008 Jan.;34:32-6
- [2] Monte WC. A deadly experiment: Methanol and MS, *Fitness Life* 2007 Dec.;34:36-41.
- [3] Monte WC. Sickly Sweet: Is your Diet Sweetener killing you? *Fitness Life* 2007 Nov.;33:31-3.
- [4] Johnston CS, Monte WC. Infant formula ingestion is associated with the development of diabetes in the BB/Wor rat. *Life Sciences* 2000;66:1501-7.
- [5] Lebenthal E, Khin-Maung-U , Rolston DD, Melman S, Jirapinyo P, Shin K, Takita H, Firmansyah A, Ismail R, Bakri A, *et al.* Composition and preliminary evaluation of a hydrolyzed rice-based oral rehydration solution for the treatment of acute diarrhea in children. *J Am Coll Nutr.*, 1995 Jun.;14(3):299-303
- [6] Lebenthal E, Khin-Maung-U , Rolston DD, Khin-Myat-Tun , Tin-Nu-Swe , Thein-Thein-Myint , Jirapinyo P, Visitsuntorn N, Firmansyah A, Sunoto S, *et al.* Thermophilic amylase-digested rice-electrolyte solution in the treatment of acute diarrhea in children *Pediatrics*, 1995 Feb.;95(2):198-202.
- [7] Winston D, Boatwright D, Gustafson D, Monte WC, Dudrick S. Newly developed tube feeding formula. *Journal of the American College of Nutrition*, 1994,13(5):528.
- [8] Johnston CS, Monte WC, Bolton RS, Chard MH. A Comparison of L. Ascorbyl 6-Palmitate Utilization in Guinea Pigs and Humans. *Nutrition Research*, 1994,14:1465-1471.
- [9] Winston D, Boatwright D, Gustafson D, Monte WC, Dudrick S. Newly developed tube feeding formula is antimicrobial. *Clinical Research*, 1994;42:448
- [10] Monte WC, Johnston CS, Roll LE. Bovine serum albumin detected in infant formula is a possible trigger for insulin-dependent diabetes mellitus. *Journal of the American Dietetic Association*, 1994;94:314-6.
- [11] Monte WC, Glanzman D, Johnston CS. Methanol as a Model Etiologic Agent in Multiple Sclerosis. *FASEB* 74<sup>th</sup> annual meeting Feb. 26, 1990;4(3):A
- [12] Filsinger EE, Braun JJ, Monte WC. Sex differences in response to the odor of alpha androstene. *Perceptual and Motor Skills*, 1990;70:216-8.
- [13] Monte WC, Ashoor SH. HPLC method for the differentiation of various meat proteins in food products. *Journal of the Association of Official Analytical Chemists*, 1988;71:4-9.
- [14] Hoque M, Monte WC, Johnston CS. Methanol neuropathy a histological study on Long-Evans rats. *FASEB J*, 1988;25:2(6):A513.
- [15] Filsinger EE, Monte WC. Sex history, menstrual cycle, and psychophysical ratings of alpha androstene, a possible human sex pheromone. *The Journal of Sex Research*, 1986;22(2):243-8.
- [16] Filsinger EE, Braun JJ, Monte WC. An examination of the effects of putative pheromones on human judgments. *Ethology and Sociobiology*, 1985;6:227-36.
- [17] Monte W.C. Caffeine Content of Selected Soft Drinks. Ashoor S.H. *Journal of Applied Nutrition*, 1985;37(1):43-5.
- [18] Filsinger EE, Braun JJ, Monte WC, Linder DE. Human (Homo sapiens) responses to the pig (Sus scrofa) sex pheromone 5 Alpha-androst-16-en-3-one. *Journal of Comparative Psychology*, 1984;98(2):219-22.
- [19] Monte WC. Aspartame: methanol and the Public Health. *Journal of Applied Nutrition*, 1984;36(1):42-54.
- [20] Ashoor SH, Monte WC. Retention of vitamin C in processed foods. *Journal of Applied Nutrition*, 1985;36(2):154-9.
- [21] Ashoor SH, Monte WC, Welty J. Liquid chromatographic determination of ascorbic acid in food. *Journal of the Association of Official Analytical Chemists*, 1984;67(1):78-80.
- [22] Keck B, Monte WC. Effects of lignin on vitamin A absorption in rats. *Journal of Applied Nutrition*, 1983;35(2):73-9.
- [23] Monte WC, West D. The compatibility of expanded polystyrene containers for microwave cooking. *Journal of the American Dietetic Association*, 1983;83(3):323-7.
- [24] Monte WC, Ashoor SH, Lewis BJ. Mutagenicity of two non-formaldehyde forming antimicrobial agents. *Journal of Food and Chemical Toxicology*, 1983;21(5):695-7.
- [25] Mutagenicity of Commercial Caramels. Ashoor, S.H. and W.C. Monte, *Cancer Letters*, 1983;18(1):187-90.
- [26] Ashoor S.H. and W.C. Monte, HPLC Determination of Bifidobacterium Bifidum Growth Factors in Human Milk. *Journal of the Association of Official Analytical Chemists.*, 1983;66(1):135-9.
- [27] Ashoor, S.H., Seperich, G.J., Monte, W.C. and J. Welty, HPLC Determination of Riboflavin in Eggs and Dairy Products. *Journal of Food Science*, 1983;48(1):92-4.
- [28] Ashoor SH, Seperich GJ, Monte WC, Welty J. HPLC determination of caffeine in decaffeinated coffee, tea and beverage products. *Journal of the Association of Official Analytical Chemists*, 1983;66(3):606-9.
- [29] Monte WC. Lack of gut absorption of solubilized polystyrene by the rat. *Journal of Agriculture and Food Chemistry*, 1983;31(1):174-5.
- [30] Monte WC. The gastro intestinal clearance of <sup>14</sup>C polystyrene as influenced by addition of cellulose, bran and psyllium to the rat diets. *Journal of Applied Nutrition*, 1982;34(2):74-90.
- [31] Monte WC. Rest easy, lemon-tea drinkers. *N Engl J of Med*, 1982;306(25):1554-5. This material featured in The New York Times SCIENCE WATCH (6/29/82.)

- [32] Monte WC, West D. Solubility of polystyrene in certain vegetable oils, essential oils and their constituents. *Journal of Food Science*, 1982;46(6): 1832-5.
- [33] Monte WC, Vaughan L. An outline of "Fiber" analysis techniques. *Journal of Applied Nutrition*, 1982;34(1):46-62..
- [34] Monte WC, Maga JA. Flavor Chemistry of Sucrose. *Sugar Technology Reviews*, 1982;8(3):181-204.
- [35] Monte WC. Fiber: it's nutritional impact, *Journal of Applied Nutrition*, 1981;33(1): 63-103.
- [36] Monte WC, Maga JA. Extraction and Isolation of Soluble and Insoluble Fiber Fractions from the Pinto Bean (*Phaseolus Vulgaris*). *Journal of Agricultural and Food Chemistry*, 1980;27:1169-74.
- [37] Maga JA, Monte WC. The effect of butylated hydroxyanisole (BHA) on amino acid and carbohydrate concentrations during heating. *Lebensmitt-Wiss. U. Technol.*, 1977;10:139-40.
- [38] Maga JA, Monte WC. Influence of Various Storage and Processing Variables on Butylated Hydroxyanisole (BHA) Dimer Production. *Lebensmitt-Wiss. U. Technol.*, 1977;10:102-5.
- [39] Jansen GR, Monte WC. Amino Acid Fortification of Bread Fed at Varying Energy Levels During Gestation and Lactation. *Journal of Nutrition*, 1977;107(2):300-9.
- [40] Monte WC, Maga JA. Stability of Butylated Hydroxyanisole (BHA) in Water Under Stresses of Sterilization. *Journal of Food Science.*, 1973; 38:898-900.

### Selected Presentations

- CBS Evening News with Dan Rather. Interview debating the Potential Health Hazards of Aspartame. 1/84
- Potential Health Hazards of Aspartame. Presented to members of the Arizona Bureau of Environmental Hygiene and Sanitation, Arizona Department of Health Services. 10/21/83
- Aspartame Interview with Kim Hawkins Channel 10, resulting in a feature on the evening news. (Tape available) 10/19/83
- The Health Ramifications of Aspartame Use. Presented to the Central Arizona Dietetic Association. Attendance 100- 150. 9/22/83
- Interview on "New Scope" concerning the safety of Aspartame. Viewed locally on Channel 12 and nationally in 85 markets. (Tape available) 9/19/83
- Interview with Dick Krantz, Channel 5, WTTG, Washington D.C. Viewed as part of a five part series concerning the safety of Aspartame in the Washington metropolitan area. 9/1/83
- Radio Interview, Ted Lauderback Show, WIND Chicago, Talk Show with questions from audience, time 2 hours. 7/9/83
- A Plea to Limit the use of Sulfiting Agents by the Food Industry. At a special meeting for Industrial Food Scientists at the annual Institute of Food Technologists, New Orleans. Sponsored by the Hoffmann-La Roche Company, New Jersey. Attendance 70 6/21/83
- High Performance Liquid Chromatographic Determination of Ascorbic Acid in Foods. Presented at the annual meeting of the Institute of Food Technologists, New Orleans, LA, 6/83.
- Quantitation of Major Organic Acids in Fermented Food Products. Presented at the annual meeting of the Institute of Food Technologists, New Orleans, LA, 6/83.
- Alternatives to Sulfiting Agents for Food Preservation. Presented to members of the staff of the Arizona State Department of Health. (Soon afterwards Arizona accepted the Federal guidelines to control exposure to Sulfiting agents) 3/83
- "60 Minutes" Interview concerning Sulfiting Agents with Harry Reasoner. 10/29/82
- Petition for Amending Food Additive Regulations Governing the use of Sulfiting Agents. Presented at a News Conference held in the Rayburn Building at the Nations Capitol in conjunction with the Center for Science in the Public Interest. 70-100 members of the Washington Press Corps attended. Resulted in the development of FDA guidelines to control human contact with Sulfiting Agents 10/29/82

### Editorial Activities

- 1983 - 1993 Member of the Editorial Board  
Journal of Applied Nutrition  
ISSN NO.0021-8960  
Reviews and abstracts in the following:  
Nutrition Abstracts and Reviews  
Biological Agricultural Index  
Chemical Abstracts Service  
Excerpta Medica, Index Medicus  
Russian Nutrition Science Journal
- 1992 - 2002 Reviewer for The Journal of Agricultural and Food Chemistry American Chemical Society.
- 1994 - 1999 Ad Hoc reviewer for the Journal Marine Mammal Science

### Professional Consultations

- Corpak Med Systems
- Protein Technologies International
- Planetary Design Corp.
- Thermetics Co.
- Nyer Nutritionals
- Consultant Roster AIBS American Institute of Biological Sciences. Washington DC

### Professional Memberships

- Certified Nutrition Specialist AIN
- Registered Dietitian, The American Dietetic Association  
430 North Michigan Avenue, Chicago, Illinois.
- Professional Member, The Institute of Food Technologists.
- 221 North LaSalle Street, Chicago, Illinois.
- Sessions Committee - for 1982 annual meeting.
- Professional Member, American Chemical Society
- Fellow, International College of Applied Nutrition.
- La Habra, California.
- Member, Society of Cosmetic Chemists, New York, N.Y.
- Judicial Associate, American Bar Association.
- Emeritus Member, American Association for the Advancement of Science

### Community Services

Founding Member of the Arizona Chapter of the American Society for Parenteral and Enteral Nutrition ASPEN.  
Chair of the Continuing Education Committee for the above 1989-90.

### Honors

- Nominate for Dean's Distinguished Teaching Award 1998
- Member Scientific Advisory Board of the Thermetics Co.
- Fellow, International College of Applied Nutrition 1991
- Chair of the Scientific Advisory Committee of the National Nutritional Foods Association 1989
- Nominated by the Council for International Exchange of Scholars for a Senior Fulbright Lecturing Award. Arizona State University 1985
- Gamma Sigma Delta Colorado State University 1975



## **Editor (California, United States)**

### **Garth L. Nicolson, PhD**

Professor Garth L. Nicolson is the President, Chief Scientific Officer and Research Professor at the Institute for Molecular Medicine in Huntington Beach, California. Born in 1943 in Los Angeles, Dr. Nicolson received his B.S. in Chemistry from University of California at Los Angeles in 1965 and his Ph.D. in Biochemistry and Cell Biology from the University of California at San Diego in 1970. He is currently Professor of Integrative Medicine at Capitol University of Integrative Medicine and a Conjoint Professor at the University of Newcastle (Australia). He was formally the David Bruton Jr. Chair in Cancer Research and Professor and Chairman of the Department of Tumor Biology at the University of Texas M. D. Anderson Cancer Center in Houston, and he was Professor of Internal Medicine and Professor of Pathology and Laboratory Medicine at the University of Texas Medical School at Houston. He was also Professor of Comparative Pathology at Texas A & M University.

Professor Nicolson has published over 550 medical and scientific papers (including 3 *Current Contents* Citation Classics), edited 14 books, served on the Editorial Boards of 20 medical and scientific journals. Professor Nicolson has won many awards, such as the Burroughs Wellcome Medal of the Royal Society of Medicine (United Kingdom), Stephen Paget Award of the Metastasis Research Society, the U. S. National Cancer Institute Outstanding Investigator Award, and the Innovative Medicine Award of Canada. He is also a Colonel (Honorary) of the U. S. Army Special Forces and a U. S. Navy SEAL (Honorary) for his work on Armed Forces and veterans' illnesses.

### **Professional Experience**

#### **Primary Appointment**

1996-Present, President, Chief Scientific Officer and Research Professor, The Institute for Molecular Medicine, 16371 Gothard Street H, Huntington Beach, CA 92647

#### **Secondary Appointments**

2003-Present, Conjoint Professor, Faculty of Science and Technology, University of Newcastle, Newcastle, Australia  
2001-Present, Professor of Integrative Medicine, Capital University of Integrative Medicine, Washington DC

#### **Previous Appointments**

1989-99, Professor, Department of Internal Medicine, The University of Texas Medical School, Houston, TX  
1981-98, Adjunct Professor, Department of Pathology, School of Veterinary Medicine, Texas A & M University, College Station, TX  
1982-98, Professor, Department of Pathology and Laboratory Medicine, The University of Texas Medical School, Houston, TX  
1980-96, David Bruton Jr. Chair in Cancer Research, Professor and Chairman, Tumor Biology, The University of Texas M. D. Anderson Cancer Center, Houston, TX  
1980-96, Professor, The Graduate School of Biomedical Sciences, The University of Texas Health Science Center, Houston, TX  
1980-87, Florence M. Thomas Professor of Cancer Research, The University of Texas M. D. Anderson Cancer Center, Houston, TX

1978-80, Professor, Department of Physiology and Biophysics, College of Medicine, University of California, Irvine, CA  
1977-80, Associate Director, Oncology Program, University of California, Irvine, CA  
1975-80, Professor, Department of Developmental and Cell Biology, University of California, Irvine, CA  
1974-76, Chairman, Department of Cancer Biology, The Salk Institute, La Jolla, CA  
1972-74, Head, Cancer Council Laboratory, Director, Electron Microscopy Laboratory, The Salk Institute, La Jolla, CA  
1970-71, Senior Research Associate, Cancer Council Laboratory, The Salk Institute, La Jolla, CA  
1967-70, USPHS Predoctoral Fellow University of California, San Diego, CA

### **National and International Committee Memberships**

Member, Board of Advisors, The Healthy Foundation, 2001-present  
Member, Board of Advisors, Road Back Foundation, 2000-present  
Member, Susan Koman Foundation for Breast Cancer Research Review Committee, 1995-98  
Chairman, Medical-Scientific Panel, Persian Gulf War Veterans Conference, 1995  
Chairman, American Cancer Society Review Committee, Personnel B Review Committee, 1990-94  
Chairman, USAMRDC Review Committee on Breast Cancer, Endocrinology-2 Committee, 1994  
Member, Extramural Scientific Advisory Committee, Moffitt Cancer Center, The University of South Florida, 1995-98  
Member, Extramural Scientific Advisory Committee, The University of Arizona Health Sciences Center, 1991-99  
Member, Extramural Scientific Advisory Committee, Roswell Park Memorial Institute, Buffalo, NY, 1988-93  
Member, Extramural Scientific Advisory Committee, The University of Nebraska Health Sciences Center, 1994-96  
Reviewer, National Cancer Institute Cancer Centers Program, 1974-93  
Member, National Cancer Institute Large Bowel Cancer Project, 1984-88  
Member, National Cancer Institute Organ Systems Program, 1984-88  
Member, National Cancer Institute Construction Review Committee, 1982-86  
Member, National Cancer Institute Breast Cancer Task Force, 1983-86  
Chairman, American Cancer Society Review Committee, Cell and Developmental Biology, 1979-83  
Member (Ad Hoc), NIH Pathology B Study Section, 1976-81  
Member, U.S.-Japan Cooperative Cancer Research Program, 1976-80  
Member, Advisory Committee, Division of Cancer Cause and Prevention, National Cancer Institute, 1974-79  
Member, National Cancer Institute Virus-Cancer Program Review Committee, 1974-79  
Member, World Health Organization Task Force on Human Fertility, 1973-76

### **Editor**

- Clinical & Experimental Metastasis (Founding Editor)
- Journal of Cellular Biochemistry (Field Editor)
- Cell Surface Reviews, 1975-88
- Experimental Cell Research, 1978-94

### **Associate Editor**

- Biochimica et Biophysica Acta, 1973-79
- Cancer Biology Reviews, 1978-84
- Cancer Communications, 1988-92
- Cancer & Metastasis Reviews
- Cancer Molecular Biology; Cancer Research, 1981-84, 1985-89, 1990-95

- Cancer Reviews, 1984-90
- Current Cancer Treatment Reviews
- Experimental Cell Biology, 1985-91
- Experimental Cell Research, 1978-94
- Gamete Research, 1978-84
- International Journal of Cancer, 1984-93
- International Journal of Molecular Biology
- Invasion & Metastasis, 1974-99
- Journal of the American Nutraceutical Association
- Journal of Chronic Fatigue Syndrome
- Journal of Experimental Therapeutics and Oncology
- Molecular Biology of Cancer
- Molecular & Cellular Biochemistry
- Natural Immunity & Cell Growth Regulation, 1985-89
- Oncology Research, 1990-03
- Pathobiology, 1991-99
- Receptors & Recognition, 1975-79
- Yearbook of Cancer, 1982-87

### Honors and Awards

- Innovative Medicine Award (Canada), 2002
- Stephen Paget Award, Metastasis Research Society, 1998
- Albert Schweitzer Award, Portugal, 1998
- First Norman N. Durham Lectureship, OSU, 1996
- Indo-American Society for Health & Laboratory Professionals Award, 1996
- Distinguished Presentation Award, Third International Cancer Molecular Biology Symposium, 1996
- COLONEL (Honorary), U. S. Army Special Forces, 1995
- SEAL (Honorary), U.S. Navy Special Forces, 1995
- Haskel Visiting Professorship, University of Pennsylvania, 1995
- Burroughs Wellcome Medal, Royal Society of Medicine Foundation, London, 1991
- Outstanding Faculty Award, The University of Texas Health Science Center at Houston, 1991
- National Cancer Institute, U.S.S.R. Scientist Exchange Award for Collaborative Research on Molecular and Genetic Aspects of Tumor Metastasis, 1991
- Evan and Marion Helfaer Distinguished Lectureship, The Cancer Center of the Medical College of Wisconsin, 1990
- Dean's Teaching Excellence List, The University of Texas Health Science Center at Houston Graduate School of Biomedical Sciences, 1985-1994
- Teaching Excellence Award for Best Course, The University of Texas Medical School at Houston, 1990
- NCI Outstanding Investigator Award, 1987
- Annual Award of the Japan Histochemical Society, 1976
- Eli Nadel Memorial Lecture in Biochemistry, 1983
- Rita Ferdinand Memorial Lectureship, 1982
- Guy Lipscomb Memorial Lecture in Chemistry, 1980
- Upjohn Biology Education Award, 1976
- Presidential Award, Electron Microscopy Society of America, 1971

### Society Memberships with Offices Held

- American Association for Cancer Research
- Member, Board of Directors, 1985-1988; Chairman, Rhoades Award Committee, 1987-1988; Chairman, Nomination Committee, 1985-1988; Member, Program Committee, 1984-1988; Member, Local Arrangements Committee, 1991.
- Metastasis Research Society
- President, 1988-90; Sec. Treas., 1990-98; Vice Pres., 1986-88.
- American Academy of Environmental Medicine
- American College for the Advancement of Medicine

- American Society of Biological Chemists
- American Society for Cell Biology
- Biophysical Society
- Electron Microscopy Society of America
- New York Academy of Sciences

### U.S. Congressional Committee and Presidential Commission Testimony

- Testimony of Dr. Garth L. Nicolson, House Committee on Government Reform, Subcommittee on National Security, Veterans' Affairs and International Relations, United States House of Representatives, January 24, 2002.
- Testimony of Dr. Garth L. Nicolson, House Committee on Veterans' Affairs, Subcommittee on Health, United States House of Representatives, January 24, 2002.
- Testimony Of Dr. Garth L. Nicolson, Special Oversight Board For Department Of Defense Investigations Of Gulf War Chemical And Biological Incidents, U. S. Senate Hart Office Building SH-216, November 19, 1998.
- Testimony Of Dr. Garth L. Nicolson, House Committee on Veterans' Affairs, Subcommittee on Benefits, United States House of Representatives, July 16, 1998.
- Testimony Of Dr. Garth L. Nicolson and Dr. Nancy L. Nicolson, House Committee On Government Reform and Oversight, Subcommittee on Human Resource and Intergovernmental Relations, United States House of Representatives, June 26, 1997.
- Testimony of Dr. Garth L. Nicolson and Dr. Nancy L. Nicolson, House Committee On Government Reform And Oversight, Subcommittee on Human Resource and Intergovernmental Relations, United States House of Representatives, April 2, 1996.
- Testimony of Garth Nicolson and Nancy L. Nicolson, Mycoplasma Infections in Gulf War Illnesses, President's Advisory Panel on Gulf War Veterans' Illnesses, Washington D.C., August 14-16, 1995.

### Patents Pending and Granted

- U.S. Patent Issued: (No. 4,859,581) Endoglycosidase Assay, invented by GL Nicolson, M Nakajima, T Irimura, 1989.
- U.S. Patent Issued: (No. 5,030,559) Methods and Compositions for the Identification of Metastatic Human Tumors, invented by GL Nicolson, SM North, PA Steck, 1991.
- U.S. Patent Issued: (No. 5,164,489) Lung Growth Stimulatory and Inhibitory Factors for Carcinoma Tumor Cells, invented by GL Nicolson, PG Cavanaugh, 1992.
- U.S. Patent Issued: (No. 5,262,403) Glycosaminoglycan Derivatives and their use as Inhibitors of Tumor Invasiveness or Metastatic Profusion-II, invented by GL Nicolson, T Irimura, M Nakajima, 1993.
- U.S. Patent Pending: (UTMDACC:115) Metastasis Associated Collagenolytic Metalloproteinase, invented by M Nakajima, GL Nicolson.
- U.S. Patent Pending: (UTMDACC:193) Immunochemical Localization of Heparanase in Mouse and Human Melanomas, invented by GL Nicolson, L Jin, M Nakajima.
- U.S. Patent Issued: (No. 5,332,812) Endoglycosidase Immunoassay, invented by GL Nicolson, M Nakajima, T Irimura.
- U.S. Patent Pending: (UTDMACC:270) Liver-Derived Tumor Cell Growth Inhibitor, invented by PG Cavanaugh, GL Nicolson.
- U.S. Patent Pending: (UTDMACC:387) Metastasis-Associated Gene, invented by GL Nicolson, Y Toh, and S Pencil.

### Publications

Of the some 550 manuscripts authored or co-authored by Garth L. Nicolson from 1969 through 2004, below is a listing of

the most recent 120 manuscripts published between 1997 and 2004.

- [1] Wakabayashi H, Nicolson GL. Transfilter cell invasion assays. In: Cell Biology: A Laboratory Handbook, JE Celis, ed., Academic Press, New York, 1997;1:296–301.
- [2] Nicolson GL. Breast cancer metastasis-associated genes: role in tumor progression to the metastatic state. In: Mammary Development and Cancer, P.S. Rudland, D.G. Fernig, S. Leinster, G.G. Lunt, eds., The Biochemical Society Symp, 1997;63: 231–43.
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## **Editor (United Kingdom)** **Michel Odent, MD**

Michel Odent was born in France in 1930. He studied Medicine in Paris and was originally educated in the 1950s as a surgeon. In 1958-1959, during the independence war in Algeria, he was in the French army, practicing war surgery and civilian emergency surgery. It is via the caesarean section that he developed his interest for birth physiology and became an obstetrician. He is familiarly known as the obstetrician who introduced in a state general hospital—in the 1970s—the concepts of birthing pools and home-like birthing rooms.

After his hospital career he practiced home birth and founded the Primal Health Research Centre in London (UK), whose objective is to study the long-term consequences of early experiences. The Primal Health Research data bank can be explored on the web ([www.birthworks.org/primalhealth](http://www.birthworks.org/primalhealth)).

He recently developed a preconceptional program to minimize the effects of intrauterine and milk pollutions by synthetic fat soluble chemicals such as dioxins, PCBs, etc. Author of more than 50 papers in the medical literature and 12 books published in 21 languages. *The Scientification of Love*, *The Farmer and the Obstetrician*, and *The Caesarean* are his latest published books.

## **Editor (India)** **Yash Paul, MB BS, DCH**

Yash Paul was born on March 13, 1937 in Gujranwalla, which is now a part of Pakistan. His early education occurred in Karachi, which is also now a part of Pakistan and Delhi, the capital of India. He received his M.B. B.S. medical degree in 1961 from S.M.S. Medical College, Jaipur and D.C.H. in 1963 from M.G.M. Medical College, Indore. Dr. Yash Paul joined Rajasthan Medical Services in 1963. From 1969 to 1975 he served as Lecturer in Pediatrics in various Medical Colleges in Rajasthan. He worked in Children's Hospital, Tripoli, Libya from November 1975 to March 1980. In 1982 he took voluntary retirement from the service and currently practices as a Consultant Pediatrician in Jaipur.

Dr. Yash Paul has three daughters, two of whom serve as medical doctors. One is a gynecologist married to a pediatrician and the other is a pediatrician, all practice in Jaipur.

Dr. Yash Paul published his first medical article in 1972 in the *Indian Journal of Pediatrics*. Many subsequent articles and letters have been published in *Academy Today* (a bulletin of the Indian Academy of Pediatrics), *Indian Journal of Practical Pediatrics*, *Indian Pediatrics*, *Indian Journal of Pediatrics*, *Indian Journal of Medical Microbiology*, *Indian Journal of Gastroenterology*, *Indian Journal of Medical Ethics*, *Indian Journal of Community Medicine*, *Bioethics*, *Medical Veritas*, *Asian Journal of Paediatric Practice*, *The Antiseptic*, *British Medical Journal-South Asia Edition*, and *Vaccine*.

Dr. Yash Paul has defined the distinction between herd immunity and herd protection provided by the vaccines [57]. Dr. Yash Paul has also described a method whereby liver borders can be localized clinically by auscultation and not by percussion method as is the current practice [69].

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## Senior Editor (Australia)

### Michael K. Primero, BSc, MScSoc

Michael K. Primero was born in Sydney, Australia, in 1966. He attended the University of New South Wales from which he received a Bachelor of Science (B.Sc.) in Psychology and a Master's Degree in Science and Technology Studies (M.Sc.Soc.) in 1996. For the Master's degree he wrote a treatise on 'HIV dissidents' (namely, experts and others who consider that AIDS is not caused by "HIV") in the context of the concerns of partisanship and commitment of the sociological analysis of science.

Michael K. Primero believes that the arena of medicine is most appropriately studied via research methodologies that clearly acknowledge the contingent and socially negotiated nature of the science of medicine. In accordance with this stance, many of the topics of dissent to modern medical research and practice can be best understood and addressed when we advance from a limited positivistic framework of the understanding of science, which almost inevitably employs an obfuscating "rhetoric of objectivity" that fails to acknowledge social interests. Considering the effect of the social on the very formation of medical scientific knowledge leads us to the potential for reconstructions of medical science and practice that embody more socially just ideals.

Michael K. Primero's interests also include *consumercide*, a word he coined to denote the impact that consumer society has in contributing toward unhealthy environments. His website devoted to this topic ([www.consumercide.com](http://www.consumercide.com)) is a diverse array of materials concerned with medical, social, psychological and environmental issues, presenting dissident or marginalised but potentially valuable concepts for these arenas of common concern.

Michael K. Primero is presently involved in studies leading towards a Ph.D. in Science and Technology Studies. He is engaged in research that includes the socio-political analysis of controversies surrounding the science of vaccination.

## **Editor (Bombay, India)** **Leo Rebello, ND, PhD, DSc, FF Hom**

Dr. Leo Rebello has served as Director of Natural Health Centre, Bombay since 1978 and President of AIDS Alternativa International since 1989. He has lectured in some 63 countries worldwide, including at WHO, UNAIDS, UNESCO, UNDP, UNEP, UNYO, UN-Habitat, Medicina Alternativa conferences and is the only Indian doctor to visit the Nobel Foundation and recommend to the Medical Nobel Committee to give Nobel Prize in Medicine also to Holistic Healers. Dr. Rebello has been nominated for a Nobel award for five times.

Dr. Leo Rebello conducts public lectures, seminars, health camps, training on, notably, following subjects. 10,000 lectures given in some 63 countries: From AIDS Scare to AIDS Care (the title of his forthcoming book). Stress Management. From Fat to Fit (or How to Reduce Weight Naturally), Management of Asthma through Naturopathy, Yoga, Homeopathy. Diabetes Dilemma, Cancer Conundrum, Hypertension: let it not kill you, How to gain height, Dr. Leo Rebello's 10 Health(y) Commandments, Health of the Elderly. Spiritual Emergency, Common Values of Various Religions, World Parliament, World Peace, Safety, Ecology and Environment.

Dr. Leo Rebello's ambition is to establish the World's First Holistic AIDS and Cancer Hospital. Here the HIV positive, Cancer, Diabetes, and other so-called incurable cases will be admitted for Natural Treatment consisting of diet, biochemic medicine, homeopathy, yoga, acupuncture, oxygen therapy, Ayurveda, etc. The proposed 500-bed facility will need approx. 100 acres of land preferably by the riverside. It will house a University, R&D Centre, Herbarium, Recreation and Sports Centre, All Religion Centre, and will grow food through Bio-dynamic Farming Methods. The Centre will also have an all-religion theme park, vegetarian restaurant, homoeopathic and Ayurvedic medicine laboratories, conference facilities, electronic and print media production centres, housing blocks for dedicated staff, students' hostels, and old age home.

Dr. Leo Rebello guides doctoral and post-doctoral students. He pioneered and started in 1978 a sixty-lesson Correspondence Course in Naturopathy in Bombay and has trained and treated thousands. Dr. Leo Rebello is also the originator of Walkathons against Drugs, AIDS; Jogathon for Health, and as Advisor to Nashabandi Mandal (Prohibition Council), Maharashtra, he has gone to various Colleges/Schools to create awareness on Substance Abuse. He also gives Counseling to Drug Addicts and AIDS patients.

Dr. Leo Rebello has published 35 books, several articles, poems, reports, etc.

### **Education and Professional Memberships/Fellowships**

- Doctor of Naturopathy [N.D.]—Reg. no. 94 of 1978. Indian Institute of Drugless Therapy, Bombay.
- Doctor of Philosophy [Ph.D.]—Reg. no. 7559 of 1980. The Anglo American Institute of Drugless Therapy [Estd. in 1911 in UK].
- Doctor of Science (D.Sc) Honoris Causa, 1989.
- Doctor of Philosophy (Honoris Causa in Humanities) 1998 International Academy of Culture and Political Science, Brussels.
- Doctor of Humanitarian Service, World Organisation of Natural Medicine, Canada, 2008.

### **Professional Memberships/Fellowships**

- Fellow Faculty of Homoeopathy (F.F.Hom), Malaysia.
- Fellow of the European Medical Association, UK.
- Fellow and Grand Master of British Guild of Drugless Practitioners, UK.
- Fellow of Indian Naturopathic Practitioners Association, Delhi.
- Fellow of Medicina Alternativa, Alma Ata.

**Interviews:** Time magazine, the Los Angeles Times, Pravda, BBC TV and Radio, TV Asia, Doordarshan, Star TV, NDTV, All India Radio, the Times of India, Indian Express, Asian Age, the Observer, the Outlook magazine, the Week etc.

### **Present Honorary Positions Held/Memberships**

- World Peace Envoy and Vice President (Central and South Asia) of International Association of Educators for World Peace, from 2004.
- Goodwill Ambassador of St. Stanislas Order, Poland, from 1997.
- Senator-Minister, International Parliament for Safety and Peace, Italy, from 1997.
- Vice President, International Organization for Animal Protection, Germany, since 1995.
- Corresponding Member of Institute of International Affairs, France, 1998.
- Elected Board Member of the Registry of World Citizens, Paris, France, 2004.

### **Awards/Recognitions**

- Karmaveer Puraskar (Noble Laureate) - national award for social justice and action 2007, for lifetime activism.
- Dag Hammarskjöld International Award for Excellence in Alternative Medicine, 1988.
- Fellow, Academie Diplomatique de la Paix, Brussels, 1990.
- Albert Schweitzer Prize for Humanism in Medicine, 1994.
- Yellow Emperor Prize for Holistic Healing, 1995.
- Grand Cross with Collar (GCCStS) of St. Stanislas Order, 1997.
- Accademico (the only Asian recognised so far) by The Academia Constantiniana, 1997.
- 100 Outstanding Persons of the 20th Century, IBC, Cambridge, 1999.
- World Record for Pen Power in Limca Book of Records 2001-2003.
- Listed in the British Alumni Directory, 1998.
- World Peace Ambassador Award, 2004 of the International Assn. of Educators for World Peace.
- Special Executive Magistrate (same as Justice of Peace) for Greater Bombay, for 18 years, and also President of SEMs (JPs) Association.
- Served on the Indian Films Censor Board for about two years.

### **Selected titles**

- [1] *Amrit Manthan* (An International Journal of Holistic Health Sciences), Editor & Publisher.
- [2] Book: *Nature Cure & Yoga Therapy*, 3rd ed. Also translated in Turkish.
- [3] Book: *Panacea for Pain*.
- [4] Poetry book: *Travesty of Life* (50 all-time best poems)—recommended three times for the Nobel and two other poetry books in English and Italian.
- [5] Book: *Shadow Government Experiment*.
- [6] Pen Power: an encyclopedia of letters to the editor. Limca Book of World Records.
- [7] Book: *AIDS and Alternative Medicine* (4th Revised and Enlarged Edition).
- [8] Book: *Free, Fair and Fearless*.
- [9] Book: *Holistic Healing in Tropical Diseases*.

### International Biographical Listings

- *Marquis Who's Who in the World*, annually 2002-2008.
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- Listed in *Ask Me*.
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- All India Directory of Senior Eminent Naturopaths.
- All India Directory of 100 Prominent Alternative Medicine Practitioners.
- *Indian Directory of Yoga Experts*.
- International Professional of the Year 2005 IBC, Cambridge.
- Asian Admirable Achievers, 2006.
- International Health Professional of the Year 2007.

### Editor (New York, United States) Paul J. Rosch, MD, FACP

Dr. Paul J. Rosch is President of The American Institute of Stress, Clinical Professor of Medicine and Psychiatry at New York Medical College, Honorary Vice President of the International Stress Management Association and Chairman of its U.S. branch. He completed his internship and residency training at Johns Hopkins Hospital, and subsequently at the Walter Reed Army Hospital and Institute of Research, where he was Director of the Endocrine Section in the Department of Metabolism. He had a Fellowship at the Institute of Experimental Medicine and Surgery at the University of Montreal under the supervision of Dr. Hans Selye, the founder of the Stress Concept, and has co-authored works with Dr. Selye as well as Dr. Flanders Dunbar, who introduced the term, "psychosomatic" into American medicine.

Dr. Rosch was the 1998-99 President of The Pavlovian Society, an organization of distinguished international scientists devoted to integrating basic and clinical research and has been the recipient of many honors, including the Outstanding Physician's Award of the New York State Medical Society, Man of the Year Award with a Congressional Citation, the Schering Award, and the International Distinguished Service Award of the American Rural Health Association. In 1985, he received an award from Dr. Michael E. DeBakey, President of the American Society for Contemporary Medicine and Surgery for "contributions to our understanding of stress, health, and disease." The I.M. Sechenov Memorial Medal was bestowed on him in 1993 by The Russian Academy of Medical Sciences, and he is one of the few foreign members ever elected to this prestigious organization. He was also the recipient of this year's annual Innovation Award of The International Society for the Study of Subtle Energies and Energy Medicine.

Dr. Rosch has served as President of the New York State Society of Internal Medicine, Chairman of the International Foundation for Biopsychosocial Development and Human Health, Expert Consultant on Stress to the United States Center for Disease Control, President, Westchester Diabetes Association, and President, Yonkers Academy of Medicine. He is a member of the Honorary Advisory Board of the Reflex Sympa-

thetic Dystrophy Association, Board of Governors of Northwood University, The American Academy of Experts in Traumatic Stress, Scientific Advisory Council of the Alzheimer's Prevention Foundation, and serves as Consultant to the Mensana Clinic, Biotonus Clinic in Switzerland, and other organizations involved in the delivery of health care. He is a Fellow and Life Member of the American College of Physicians, Diplomate of the National Board of Medical Examiners, Emeritus Member of The Endocrine Society, Emeritus Member of The Bioelectromagnetics Society, Fellow of the Council of Epidemiology of the American Heart Association, Fellow of the Society of Behavioral Medicine, Fellow of the Council on Geriatric Cardiology, Fellow of the World Academy of Art and Sciences, and Fellow of The Royal Society of Medicine. He was recently unanimously elected as a Full Member of the prestigious Russian Academy of Medical Sciences, one of only six foreigners who have received this honor in the past twenty years. Dr. Rosch is Senior Consultant in Internal Medicine and Honorary Emeritus Physician at St. John's Riverside Hospital in Yonkers, New York, and has a Workers Compensation Subspecialty Rating in Cardiology, Endocrinology, and Metabolic Diseases.

Dr. Rosch is Editor of Stress Medicine, published by John Wiley & Sons in England, Associate Editor of The International Journal of Emergency Mental Health, and International Journal of Stress Management, and has served or serves on the Editorial Board of many publications including the Journal of Human Stress, International Journal of Psychosomatics, Cardiovascular Reviews and Reports, Comprehensive Therapy, Journal of Human Behavior, and Health Inform; Essential Information on Alternative Health Care. He has organized and presided over the annual International Congress on Stress since 1988, which has featured state of the art presentations on all aspects of stress, as well as cutting edge research in relevant areas of Bioelectromagnetic and Alternative Medicine. (For further information on this, visit [www.stress.org](http://www.stress.org))

Dr. Rosch authors the Wellsprings of Health section of Creative Living and Health and Stress, the monthly Newsletter of the American Institute of Stress. He has written extensively over the past forty-five years on the role of stress in health and illness, with particular reference to cardiovascular disease and cancer, and problems associated with job stress. In recent years, much of his attention has focused on the psychophysiological effects of subtle energies, and especially the clinical use of magnetic field therapies. He is co-author of The Doctors Guide To Instant Stress Relief and more recently, Magnet Therapy and DeStress, Weigh Less. He has appeared on numerous national and international television programs such as The Today Show, Good Morning America, 60 Minutes, Nova, CBS, NBC, PBS, BBC and CBC network presentations. His editorials and comments have been published in every major medical journal including the *New England Journal of Medicine*, *Annals of Internal Medicine*, *Journal of The American Medical Association*, *British Medical Journal* and *The Lancet*. He has been interviewed and widely quoted in *Time*, *Fortune*, *Newsweek*, *The Reader's Digest*, *The Wall Street Journal*, *New York Times*, *USA Today*, *The Washington Post*, *The London Times*, and numerous other publications here and abroad. He was recently appointed to the International Advisory Committee School of

Psychology and Social Science. Universidad de Flores in Buenos Aires, and an International Institute of Stress Medicine is being established in his honor in Mexico (Instituto Internacional de Medicina del Estrés Dr. Paul J. Rosch).

## References

- *Who's Who in the World*
- *Who's Who in America*
- *Who's Who in American Education*
- *Who's Who in Medicine and Healthcare*
- *International Who's Who in Medicine*
- *Who's Who Registry of Global Business Leaders*
- *The Dictionary of International Biography*
- *Dictionary of Medical Specialists*
- *Outstanding People of the 20th Century*

## Editor (New South Wales, Australia) Viera Scheibner, PhD

Viera Scheibner was born March 27, 1935 in Bratislava (formerly Czechoslovakia, now Slovak Republic). Her parents were employed in Law Courts. She first married in 1954 and had two daughters. In 1953, Viera Scheibner studied medicine at the Medical Faculty of Jan Masaryk University in Brno. She changed to the Faculty of Natural Sciences of the same university, and in 1954 transferred to the Jan Amos Comenius University in Bratislava where she graduated in 1958. She was awarded a doctorate in Natural Sciences (RNDR) from the Jan Amos Comenius University in Bratislava in 1964. Dr. Scheibner served as Senior Associate Professor (Docent) in 1967. Thereafter, she served as a principal research scientist until her retirement from the Department of Mineral Resources in 1987.

In 1991, Dr. Scheibner presented some of the results of her findings from the Cotwatch breathing monitor to the *Second Immunisation Conference* in Canberra, Australia. In 1993, she authored the book entitled *Vaccination* which was subsequently translated into several languages. From 1996 to the present, she has prepared some 90 reports for Shaken Baby Syndrome (SBS) cases and/or vaccine injury compensation cases in the U.S., U.K., Germany, Iceland, Sweden, and Australia. Dr. Scheibner has also authored several books on adverse vaccination effects.

Since 1994, Dr. Scheibner has traveled extensively throughout Australia, Europe, United Kingdom, Republic of Ireland, Scandinavia, the U.S., and Canada, holding seminars on the dangers and ineffectiveness of vaccination, as documented by orthodox medical research, for parents and health and medical professionals

Dr. Scheibner perceives her task as that of liaising with pediatricians and other medical experts, and of evaluation of the scientific research dealing with vaccination issues in general—and more particularly, with mass vaccination of infants and children. She has gathered a solid, extensive and irrefutable block of scientific evidence documenting vaccines as ineffective in the prevention of diseases, and has time and again issued warnings about a variety of real dangers, including brain hemorrhages and other brain damage, retinal hemorrhages and other ophthalmological injuries, as well as vaccine fatalities. The biological mechanisms of these injuries are principally immunologi-

cal and toxic-chemical. Dr. Scheibner has analyzed medical records and results of medical tests of some babies adversely affected or killed by vaccination and has documented the damage by case examples of the same vaccine damage described in orthodox medical literature.

An additional major subject of Dr. Scheibner's research includes immunological and other non-accidental injuries in babies who suffered medication (antibiotics and pain killers) and/or birth injuries. She has documented the damage (including death) by case examples of identical non-accidental injuries as a result of iatrogenic (physician caused) immune or other disorders as described in medical literature.

## Employment

- 1958-1961: Lecturer at the Department of Geology and Palaeontology of Jan Amos Comenius University, Bratislava. Lectured in Biology and Micropalaeontology
- 1962-1967: Senior Lecturer at the Department of Geology and Palaeontology of Jan Amos Comenius University, Bratislava
- 1967-1968: Docent (equivalent to Senior Associate Professor) at the Department of Geology and Palaeontology of Jan Amos Comenius University, Bratislava
- 1968-1987: Micropalaeontologist by the Geological Survey of New South Wales, Dept. of Mines (later, Dept. of Mineral Resources)
- 1971-1973: Research Scientist (Department of Mineral Resources)
- 1973-1976: Senior Research Scientist (Dept. of Mineral Resources)
- 1976-1978: Principal Research Scientist<sup>1</sup>, category I
- 1978-1981: Principal Research Scientist<sup>1</sup>, category II
- 1981-1987: Principal Research Scientist<sup>1</sup>, category III
- 1987: Retired from the Department of Mineral Resources

<sup>1</sup>Note: The pre-requisite for these appointments required "Demonstration of a considerable world standing in one's research specialty."

## Research Interests

- 1958 First scientific paper in Micropalaeontology of the Cretaceous Sequences of the Carpathian Klippen Belt in Slovakia published while a student at the Jan Amos Comenius University in Bratislava
- 1958 to 1968 Published 35 scientific papers (and one monograph) dealing with the Cretaceous and Jurassic Foraminifera of the Carpathian Klippen Belt in Slovakia
- 1968 to 1987 Studied Cretaceous and Permian Foraminifera of the Great Australian Basin in New South Wales, and South Australian and the Carnarvon Basins in Western Australia; South Africa and the Indian Peninsula, and Permian Foraminifera of the Sydney Basin
- 1972 to 1976 Invited to participate in the highly prestigious Deep Sea Drilling Project (DSDP) conducted under the auspices of the Scripps Institution of Oceanography (U.S.A.), in the Atlantic and Indian Oceans; results of these studies are published in the Initial Reports of the DSDP; invited to write a Synopsis of Cretaceous Foraminifera of the Indian Ocean, published in a monograph entitled, *Synopsis of the DSDP in the Indian Ocean*
- 1993 Book published entitled, "Vaccination" (296 pp) based on an extensive study of vaccination issues as published in refereed medical journals; book has been published in German by Hirthammer Verlag, Dutch by Lemniscast Publishers, and Finnish by Kustantaja Lasse Vajaranta

- 1994 Produced a 2-hour video of lecture on the dangers and ineffectiveness of vaccination.
- 1994 Lectured for students of chiropractic at a number of chiropractic colleges in the U.S.A.
- 1995 Invited and accepted as an expert on vaccination and cot death by the College of Physicians Montreal, Canada; Dec. 11, 1995 gave evidence on the subject *Vaccination and Cot Death* before the Disciplinary Committee of the College of Physicians in Montreal, Canada as an expert for Dr. Guillaime Lanctot.
- 1996 to present Provided expert reports for court cases of vaccine injuries/deaths; prepared 90 reports for Shaken Baby Syndrome (SBS) cases and/or vaccine injury compensation cases in the U.S., U.K. Germany, Iceland, Sweden, and Australia.
- 1996 Invited to deliver luncheon talk on dangers and ineffectiveness of vaccination to the medical staff of the Research Hospital in Kansas City, MO.
- 1997 Delivered lecture entitled, *Vaccination, yes or no?* at seminar organized by a professional organization of Dutch medical doctors in Utrecht, Holland.
- 1996 to 1997 Several lectures at Chiropractic Colleges in the U.S.
- 1996 Participated in the Maroochydore (Queensland, Australia) hearing of the Equal Opportunity and Anti-discrimination Commission as an expert on the dangers and ineffectiveness of vaccination, and the link between vaccination and cot death.
- 1997 Delivered lecture entitled, *Vaccination, yes or no?* at seminar organized by a professional organization of Dutch medical doctors in Utrecht, Holland.
- 1996 to 1997 Several lectures at Chiropractic Colleges in the U.S.
- 1996 Participated in the Maroochydore (Queensland, Australia) hearing of the Equal Opportunity and Anti-discrimination Commission as an expert on the dangers and ineffectiveness of vaccination, and the link between vaccination and cot death.
- 1997 Invited by the Faculty of Nursing, Sydney University to present lecture on *The Dangers of Vaccination*
- 1997 Participated at a public debate on vaccination at Sydney University in Sydney, Australia.
- 1997 to 1998 Invited to participate in the Training Program of the Royal Australian College of General Practitioners (RACOP), Sydney, New South Wales, as one of two expert panelists in debates on whether immunization should or should not be mandatory, presenting the case against vaccination based on the study of published orthodox medical research.
- 1998 Invited to address the Medical (MBOG) Congress in Utrecht, Holland on the *Effect of Vaccination on the Immune System*
- 1998 Invited to participate in a debate on vaccination convened by the organization WDDTY (What Doctors Don't Tell You) in London, U.K.
- 1999 to 2003 Letters to the Editor, critical of vaccines published in *Medical Observer* and *Australian Doctor*, two prominent weekly publications for Australian orthodox medical doctors.
- 2000 Published book, *Behavioural Problems in Childhood—the Link to Vaccination*. Book has been translated into Swedish by an organization of parents dealing with children's health.

### Medical Journal Publications

- [1] Scheibner V. Evidence of the association between non-specific stress syndrome, DPT injections, and cot death. *Immunisation: The Old and the*

*New*. Proceedings of the Second National Immunisation Conference. Canberra, Public Health Association of Australia; May 27-29, 1991:90-1.

- [2] Tye K, Pollard I, Karlsson L, Scheibner V, Tye G. Caffeine exposure *in utero* increases the incidence of apnea in adult rats. *Reprod. Toxicol.* 1993 Sep./Oct.;7(5):449-52.
- [3] Scheibner V. Shaken Baby Syndrome Diagnosis on Shaky Ground. *Journal of Australasian College of Nutritional and Environmental Medicine (J ACNEM)*; 20(20):5-8,15.
- [4] Scheibner V. Response to Leask and McIntyre's attack on Viera Scheibner as a public opponent of vaccination. *Vaccine*, 2003 Dec. 8;22(1):vi-ix.

### Papers published in magazines, chiropractic journals, etc.

- [1] Scheibner V, Karlsson L. Cot death and vaccination link. *Natural Health Magazine* 1991;4(5-6) Aug./Sept. and Oct./Nov. 1991:2-4.
- [2] Scheibner V, Karlsson L. The vaccination debate. *Natural Health Magazine* 1991;4(5-6) Aug./Sep. and Oct./Nov. 191:5-8.
- [3] Scheibner V. Facts about *Haemophilus influenzae* B vaccines: what every doctor—and all parents—should know about. *Natural Health Magazine* 1992 Oct./Nov.:1-3.
- [4] Scheibner V. Cotwatch breathing monitor guards against cot death. *Natural Health Magazine* Dec. 1992-Jan. 1993:12e
- [5] Scheibner V. Should I vaccinate my child? *Natural Health Magazine* Dec. 1992/Jan. 1993.
- [6] Scheibner V. Flu vaccination—is it safe? *Natural Health Magazine* 1993 Jun./Jul.
- [7] Scheibner V. Embracing vaccination...lamentably wrong! *The chiropractic Journal (USA)*; Oct. 1994:41-5.
- [8] Scheibner V. Chiropractic attitudes towards immunization. *International Chiropractic Association (USA)*; Sep./Oct. 1996:45-9.
- [9] Scheibner V. Vaccination: Is prevention really the best cure? *Conscious Living (Health)* 1996:36-7.
- [10] Scheibner V. Shaken Baby Syndrome diagnosis—on shaky ground. *J ACNEM* 2001 Aug.;20(2):5-8, & 15.
- [11] Scheibner V. Dynamics of critical days as part of the dynamics of non-specific stress syndrome discovered during monitoring with Cotwatch breathing monitor. *J ACNEM* 2004;23(3):10-4.
- [12] Scheibner V. Cot deaths linked to vaccination. *Nexus Magazine (Australia)*; 2(5), Oct./Nov. 1991.
- [13] Scheibner V. Brain-eating bugs: the vaccination connection. *Nexus Magazine (Australia)*; 3(3), Apr./May 1996.
- [14] Scheibner V. Shaken Baby Syndrome: the vaccination link. *Nexus Magazine (Australia)*; 5(5) Aug./Sept. 1998.
- [15] Scheibner V. Adverse effects of adjuvants in vaccines. Part 1. *Nexus Magazine (Australia)*; 8(1), Dec. 2000/Jan. 2001.
- [16] Scheibner V. Adverse effects of adjuvants in vaccines. Part 2. *Nexus Magazine (Australia)*; 8(2), Feb./Mar. 2001.
- [17] Scheibner V. Vaccinations and the dynamics of critical days. *Nexus Magazine (Australia)*; 12(6) Oct./Nov. 2005. Reprinted from *J ACNEM*. Also reprinted by *Nexus Magazine* in France and other countries.

### Letters to the Editor of *Medical Observer* (Australia) and *Australian Doctor*

- [1] Scheibner V. Vaccination challenge. *Medical Observer* 1999 Mar. 19:24.
- [2] Scheibner V. Why all the fear of the measles virus? *Medical Observer* 2001 Mar. 9:33.
- [3] Scheibner V. Unreal world of the pro-vaccinators. *Medical Observer* 2001 April 6.
- [4] Scheibner V. Study first, judge later. *Australian Doctor* 2003 May 2.
- [5] Scheibner V. Justified view. *Australian Doctor*, 2008 May 9:23
- [6] Scheibner V. GP's views irrelevant. *Medical Observer*, 2008, Jun. 27.
- [7] Scheibner V. Super stoush. *Australian Doctor*, 2008 Jul. 4:23.
- [8] Scheibner V. Middle Ages. *Australian Doctor*, 2009 Jan. 16:15.

### Letters to the Editor in *BMJ.COM* Rapid Responses

- [1] Scheibner V. Unreliability of scientific papers as evidence. 2004 March 24. *BMJ*.  
<http://www.bmj.com/cgi/eletters/328/7440/602-c#54389>
- [2] Scheibner V. Patterns of presentation of the shaken baby syndrome may not be caused by trauma at all. 2004 April 2. *BMJ*.  
<http://bmj.bmjournals.com/cgi/eletters/328/7442/766#55368>
- [3] Scheibner V. Study first, judge later. 2004 June 29. *BMJ*.  
<http://www.bmj.com/cgi/eletters/328/7451/1309#64944>
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- [5] Scheibner V. Some questions for Clive Davies or anyone. 2004 July 21. BMJ.  
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- [8] Scheibner V. The Richardson hypothesis. 2005 Feb. 10. BMJ.  
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- [9] Scheibner V. A fatal misdiagnosis. 2005 Feb. 17. BMJ.  
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- [10] Scheibner V. A fatal misdiagnosis. 2005 Feb. 22. BMJ.  
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<http://www.bmj.com/cgi/eletters/330/7489/485#99122>
- [12] Scheibner V. Intramuscular, not intravenous. 2005 Mar. 5. BMJ.  
<http://www.bmj.com/cgi/eletters/330/7483/112-d#99120>
- [13] Scheibner V. MMR and Japan: a commentary by Wakefield and Stott. 2005 Mar. 10. BMJ.  
<http://www.bmj.com/cgi/eletters/330/7483/112-d#99926>
- [14] Scheibner V. Epidemiology aint epidemiology (just like oils aint oils). 2005 Mar. 18. BMJ.  
<http://www.bmj.com/cgi/eletters/330/7491/558-a#100768>
- [15] Scheibner V. Simply a concerned parent: parents must do more research. 2005 Mar. 24. BMJ.  
<http://www.bmj.com/cgi/eletters/330/7491/552#101411>
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- [20] Scheibner V. Measles outbreaks and epidemics occur in the vaccinated, not because chiropractors and homeopaths allegedly advising parents not to vaccinate their children. 2008 Dec. 6. BMJ.
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- [25] Scheibner V. Obesity: a major problem of our times. 2009 Jan. 12. BMJ.
- [26] Scheibner V. Therapeutic use. 2009 Jan. BMJ
- [27] Scheibner V. Is mandatory vaccination such a benign paternalism? 2009 Jan. 20. BMJ.

### Books and booklets on vaccination issues

- [1] Scheibner V. Vaccination 100 years of scientific research shows that vaccines represent a medical assault on the immune system. Victoria: Australian Print Group, 1993; pp 296.
- [2] Scheibner V. Behavioural problems in childhood—the link to vaccination. 2000; pp 297. Also translated into Swedish by an organization of parents dealing with children's health.
- [3] Scheibner V. Answers to the CDC's instructions how to counteract the anti-vaccination argument. 1998; pp 22.

### Editor (Kansas, United States) Walter R. Schumm, PhD

Walter R. Schumm is married and has seven children. He received a B.S. in Physics and was awarded an M.S. degree in Family and Child Development in 1976 from Kansas State University. In 1979 he earned a Ph.D. from Purdue University. From 1990 to the present he has served as Professor in the School of Family Studies and Human Services, Kansas State University.

Dr. Schumm is affiliated with the following professional affiliations: the National Council on Family Relations (NCFR), American Home Economics Association (AHEA), Omicron Nu (Home Economics), Phi Upsilon Omicron (Home Economics), Gamma Sigma Delta (Agriculture), and the Society for the Scientific Study of Religion (SSSR)

In 1987 Dr. Schumm was certified as a Professional Home Economist by the American Home Economics Association and as a Family Life Educator by the National Council on Family Relations. In 1990 he was recipient of the MORAN Research Excellence Award from the American Home Economics Association. In 1997, he received the Dawley-Scholer Faculty Research Excellence Award by the College of Human Ecology, Kansas State University.

Dr. Schumm currently serves as a manuscript reviewer for *American Journal of Epidemiology*, *Psychological Reports*, *Journal of Psychology and Theology*, *Family Relations*, *Journal of Applied Developmental Psychology*, *Marriage and Family Review*, *Journal of Teaching Marriage and Family*, *Journal of Rehabilitation Research and Development*, *Journal of Marriage and the Family*, and the *Journal of Family Issues*.

Dr. Walter R. Schumm is credited with the publication of over 200 articles, chapters, book reviews, or handbooks in areas concerning (1) family theory, research methodology, (2) military family and health research, and (3) other topics.

In the area of family theory, research methodology, the *Sourcebook of Family Theories and Methods* by Boss, Doherty, LaRossa, Schumm, & Steinmetz [1] has been the standard volume on theory and research in the field of family studies for the past decade; it sold over 25,000 copies despite its high cost and over 900 page length. Schumm [2] represents a summarization of five different two dimensional family theory models, derived from over 20 years of teaching family theory, including an elaboration of the family strengths model first presented in Schumm [3]. Schumm [4], an invited paper keyed to Schumm's extensive research on satisfaction in families, represents an integration of pleasure, happiness, satisfaction, and joy as four distinct but interrelated aspects of positive affect. Schumm [5], Schumm [6], Schumm & Bugaighis [7], and Schumm & Kirn [8] all represent Schumm's expanding application of social exchange and equity theories to difficult and controversial aspects of close relationships.

In the area of family measurement research, Akagi *et al.* [9] and Schumm *et al.* [10] represent the continuing pursuit of further evaluation and development of the Kansas Marital Satisfaction Scale, observed by Sabatelli [11] to be one of the most valid brief measures of marital quality in the field. Schumm & Hemesath [12] is the most recent summary and integration of family measurement research published over the past ten years in the family field. Schumm [13, 14] in the Handbook of Family Measurement, a Behavioral Book Club selection, helped earn the author the 1990 Morran Memorial Research Award (Best Scientist of the Year) from the American Home Economics Association, now the American Association of Family and Consumer Science.

In the area of data analysis, including research methodology, scholarship of teaching, and critiques, Schumm *et al.* [15] represents a culmination of Schumm's scholarship of learning with respect to student learning objectives for research methodology and statistics as applied in the family field. Acock & Schumm [16] has remained one of the key papers on the use of multivariate statistical methods in the family area. Schumm [17] and Schumm *et al.* [18] were cited for many years past their publication date because of their success at integrating measurement, data analysis, and theory in the family research process, something few papers had done

previously. Schumm [19] represents only the most recent example in which Schumm observed a scholar publishing material that revealed an ignorance of the linkage between theory, measurement, and analysis, with the result having been the acceptance of conclusions that were, in fact, entirely erroneous. When the author of that published paper was asked to reanalyze his data, he avoided the issue by reporting that he had “lost” his data (the same year he had published it).

In the area of program evaluation research, including evaluations of premarital education and counseling programs, Silliman & Schumm [20, 21], as well as Schumm & Denton [22], are widely cited because of their comprehensive review of the premarital education and counseling literature over a period of 20 years. Schumm’s numerous articles in the program evaluation area serve his students well when they take FSHS 893, Program Evaluation, from Dr. Schumm. Schumm’s articles with Turek and others [23, 24, 25] represent some very rare published field research with Reserve Component units with respect to the assessment of their training programs.

In the area of military family and health research, Schumm and his colleagues [26] have been the first ever to publish data that supports the hypothesis that overseas deployments are associated with increases in divorce rates among U.S. military personnel, overturning years of Department of Defense arguments to the contrary. They have also published many of the best recent reports on what the military needs to do to support its families [27, 28], including papers published internationally [29].

Schumm and his students have published several reports on vaccines [30, 31] and pyridostigmine bromide pills [32] as possible causes of Gulf War illness; recently, the Government Accounting Office (GAO) itself released a report (GAO, 2002) which cited Schumm *et al.* [30] as evidence that anthrax vaccine was a cause of Gulf War illness. Lea Steele, who headed up Gulf War research in Kansas under the Kansas Commission on Veterans Affairs and now heads up a national committee on Gulf War issues from her office at the VA Medical Center in Topeka, stated recently (October, 2003) that Schumm’s Gulf War research is being cited more and more frequently in medical articles on the topic. Most recently, Schumm and others have published research on organizational commitment in the military and its consequences. The only recent summary of what is known about humane treatment in prisoner of war operations was published by Schumm *et al.* [33]. Also a bit ahead of its time, another report by Schumm *et al.* [34] investigated the prospective attitudes of reservists if the military were to change its policy of mobilization frequency and begin asking reservists to accept frequent, year long mobilizations as part of their normal reserve career.

In the area of marital/family outcomes (interaction and satisfaction), Silliman, Schumm, *et al.* [35] recently provided the field with an integration of what is known about marital satisfaction as it relates to the prevention of marital problems. In a variety of reports, the most recent being Schumm, Webb, and Bollman [36], Schumm has tested the Jessie Bernard (1972) hypothesis of the “his and hers” marriage, finding that her view is correct for a minority of marriages, even though gender main effect sizes are typically rather small (0.10). Gwanfogbe, Schumm, *et al.* [37] was one of very few recent papers to evaluate marital satisfaction and life satisfaction across monogamous and polygamous marriages. Schumm’s research experience in the areas of family communication, family violence, gender roles, marital quality, family life cycle issues, child discipline, and other topics serves well in his grad-

uate teaching of the courses Marital Interaction (FSHS 862) and Family Studies (FSHS 850).

- [1] Boss PB, Doherty W, LaRossa R, Schumm WR, Steinmetz S. (eds.) *Sourcebook of family theories and methods: a contextual approach*. New York: Plenum, 1993
- [2] Schumm WR. Comments on marriage in contemporary culture: five models that might help families. *Journal of Psychology and Theology*, 2003; 31: 213–23.
- [3] Schumm WR. Beyond relationship characteristics of strong families: constructing a model of family strengths. *Family Perspective*, 1995;19(1):1–9. Reprinted (in part): Larson LE, Goltz JW, Hobart CW. *Families in Canada: social context, continuities, and changes*. Scarborough, Ontario: Prentice-Hall, Canada, 1993
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- [8] Schumm WR, Kim JE. Evaluating equity in the marital relationship: An alternative approach. *Psychological Reports*, 1982;51:759–62.
- [9] Akagi CA, Schumm WR, Bergen MB. Dimensionality of the Kansas Family strengths Scale and the Kansas Marital Satisfaction Scale as revised to capture changes in marital satisfaction. *Psychological Reports*, 2003;93:1267–74.
- [10] Schumm WR, Bollman SR, Jurich AP, Hatch RC. Family strengths and the Kansas Marital Satisfaction Scale: a factor analytic study. *Psychological Reports*, 2001;88:965–73.
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## **Editor (Massachusetts, United States)**

### **Eileen Nicole Simon, PhD, RN**

Eileen Nicole Simon's interests are: (a) The neurological basis of autism, schizophrenia, and "character" disorders, (b) Brainstem impairments, as in Wernicke's encephalopathy, (c) How and why brainstem nuclei of high metabolic rate differ in vulnerability under different conditions of compromise, and (d) History of science. She received a doctorate in biochemistry from Boston University in 1975. After a long career in computer science, she returned to school for teacher certification and nursing. She has worked in the Massachusetts hospital for mentally ill prison inmates over the past 14 years and has become aware that many inmates had developmental disabilities. She notes that the majority left or quit school without skills or motivation to work. Deviant behaviors (some trivial, some tragic) led to incarceration—the costliest kind of long-term care! Prenatal exposure to drugs and alcohol, physical abuse and head injury account for some developmental problems, but many records contain mothers' reports of oxygen deficiency and other complications at birth, information that merits greater consideration.

## **Education**

- PhD, Biochemistry, Boston University, Boston MA
- MS, Mathematics, Northeastern University, Boston MA
- BA, Chemistry, Barnard College, New York NY
- Teacher Certification, UMASS Boston
- Nursing, Laboure College, Boston MA

## **Current Employment**

- Instructional Aide, Special Education, Diamond Middle School, Lexington MA, since February 2005.
- Nurse & Mental Health Worker, Bridgewater State Hospital, Bridgewater MA, 1991-present

## **Former Career in Computer Science**

- Software Engineer & Instructor, Digital Equipment Corporation (now Hewlett Packard), Littleton MA, 1979-1990
- Software Engineer, American Science & Engineering, Cambridge MA, 1977-1979
- Software Developer, Bolt Beranek & Newman, Cambridge MA, 1975-1977, 1991
- Programmer (EEG evoked potentials), Boston University School of Medicine, Boston MA, 1969-1971
- Programmer, Smithsonian Astrophysical Observatory, Cambridge MA, 1960-1969

## **Publications**

- [1] Simon EN. Auditory agnosia caused by a tectal germinoma. *Neurology*, 2005 Jul 26;65(2):339 [letter].
- [2] Simon EN. Autism as a birth defect. *Birth Defects Res Part A Clin Mol Teratol*, 2004 Jun;70(6):416 [letter].
- [3] Simon EN. The lessons of MMR. *Lancet*, 2004 May 1;363(9419):1473–4 [letter].
- [4] Simon N. Autism's home in the brain. *Neurol.*, 2000; 54:269–70 [letter].
- [5] Simon N. Auditory dysfunction in autism: a submicroscopic form of Wernicke's encephalopathy? *Journal of Autism and Developmental Disorders*, 1999; 29:426–7 [letter].
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- [7] Simon N. Hemoglobin and the brain: a piece of the autism puzzle? *Journal of Autism and Developmental Disorders*, 1998; 28:579–80 [letter].
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- [11] Simon N, Volicer L. Neonatal asphyxia in the rat: Greater vulnerability of males and persistent effects on brain monoamine synthesis. *Journal of Neurochemistry*, 1978;26:893–900.
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- [13] Simon EN (1975) Long-term Effects of Neonatal Asphyxia in the Rat. Doctoral Dissertation, Boston University, Boston MA, 1974, 193 pp. University Microfilms, Ann Arbor MI. Available online at <http://www.umi.com/umi/dissertations/> or <http://www.lib.umi.com/dxweb/gateway> (Order No. 7505520).

**Website :** <http://conradsimon.org/>

## Editor (New Mexico, United States)

### Kenneth P. Stoller, MD

Kenneth P. Stoller, MD, Medical Director of the Hyperbaric Medical Center of New Mexico, is President of the International Hyperbaric Medical Association, a Fellow of the American Academy of Pediatrics, a Diplomat of the American Board of Pediatrics, a Diplomat of the American Board of Hyperbaric Medicine, a member of the American College for Hyperbaric Medicine. He was University of California President's Undergraduate Fellow in the UCLA Medical Center's Department of Anesthesiology, and a former Clinical Assistant Professor of Pediatrics, UNM School of Medicine. Dr. Stoller is also part of the Divers Alert Network Physician Referral Network.

Dr. Stoller is a founding board member of the International Hyperbaric Medical Association, and its current President. He was also a founding board member of the *Humane Farming Association*, Science Editor of the *Animals' Voice Magazine* where he was nominated for a *Maggie*. His Op-Ed pieces have appeared in several newspapers and periodicals from *The Atlanta Constitution*, *Los Angeles Times*, *Abq Tribune* to *The Scientist*. He has served on both the Injury Prevention Committee and the Environmental Hazards Committee of the American Academy of Pediatrics.

#### Experience

##### 2001-2006

- Medical Director, Hyperbaric Medical Center of New Mexico
- Medical Director, Hyperbaric oxygen Clinic of Sacramento (2004-2006)
- Founding Board of Directors, International Hyperbaric Med Assoc (IHMA)
- President, IHMA, Officer, American Board Hyperbaric Medicine
- Clinical Assistant Professor, Pediatrics, UNM School of Med (2002-2005)

##### 1999-2000

- Solo private practice, Santa Fe, New Mexico
- Director of Pediatric Medicine, Santa Fe County Youth Development Program. (Medical Director SFCCF Nov. 1999/Feb. 2000)

##### 1998-1999

- Director, Clinica de Salud Para Ninos, Van Nuys, California
- Columnist for *Nutrition Insights (Let's Live Magazine)*
- Visiting pediatrician Chickasaw Nation Hospital, Ada, OK

##### 1986-1997

- Private Practice Recertified American Board of Ped. 1997, 2003
- Active Staff St. Joseph's Medical Center, Burbank CA;
- Vice Chairman of Pediatric Department (SJMC)
- Active Staff Huntington Memorial Hospital
- Environmental Hazard Committee Amer Acad of Pediatrics Chapt II
- Advisor, Medical Research Modernization Committee

##### 1984-1986

- Injury Prevention Committee, Amer. Acad. of Pediatrics, District IX
- Founding Board of Directors Humane Farming Association
- Science Editor *Animal's Voice Magazine*

##### 1978-1981

- Consultant, Multiple Risk Factor Intervention Trial (MRFIT), USC School of Medicine

##### 1975-1976

- Pre-doctoral Research Fellow, Department of Anesthesiology, UCLA School of Medicine

#### Publications

- [1] Stoller KP. Quantification of neurocognitive changes before, and after hyperbaric oxygenation therapy in a case of fetal alcohol syndrome. *Pediatrics*, 2005 Oct;116(4):e586-91.
- [2] Stoller KP. Autism Spectrum Disorders: An Update of Federal Government Initiatives and Revolutionary New Treatments of Neurodevelopmental Diseases. Federal Register. Congressional Testimony before the U.S. House of Rep. Subcommittee on Human Rights and Wellness, May 6, 2004.
- [3] Stoller KP. Restoration of Sudden Hearing Loss. Proceedings of the XIV International congress of Hyperbaric Medicine, Best Publishing Co., Flagstaff, AZ.
- [4] Preface to Proceedings of the II International Symposium for cerebral Palsy & the Brain-injured child, Best Publishing Co., 2002, Flagstaff, AZ.
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## Editor (Texas, United States)

### Jack D. Thrasher, PhD

Dr. Thrasher received his BS degree from California State University, and his Ph.D. from the University of California, School of Medicine where he continued to serve in a professorship / research position for the next 8 years.

His toxicology and immunotoxicology work with regard to ground water contamination, Indoor Air issues, Smog, Solvents, Pesticides, Implantable Devices and many different chemicals and chemical compounds have made him renowned in his field.

He has been a consulting toxicologist / immunotoxicologist to a diverse spectrum of laboratories, regulatory organizations (including the Department of Health and FDA), pharmaceutical / medical device companies, organizations interested in ongoing research, medical facilities and law firms who have sought his knowledge and expertise as an expert witness providing both consulting services and expert testimony since 1984.

He has been involved in the publication of ongoing research (e.g., scientific journals, textbooks, formal committee advisory reports) throughout his career documenting medical and scientific findings at a peer-reviewed level from the perspective of an originating author to the opposite end of this spectrum as an editing publisher.

Dr. Thrasher's vast experience combined with a genuine interest in his work and the implications of our ever advancing scientific findings have given him tremendous depth in his overall perspective. His conviction toward the continued cautious advance of proven science is based on a keen awareness of the prices paid in the interest of advancement. As a consultant he has explored community after community where the full impact of what are now well-known associated environmental problems and risks associated with particular industries have been felt and impacted generation after generation. The extent of safeguard considerations are best contemplated by a panel of experts without a financial interest in the industrial outcome and a comprehensive understanding of the mechanisms and biochemical processes which are present. It is only with complete understanding of the possible risks that one can attempt to relay these risks in order to put appropriate safeguards into place and get an informed consent.

As we look at the environmental issues facing society today, we must make a commitment to change directions toward a safer course for future advancement. Dr. Thrasher has devoted his life's work in this direction and is committed to mankind's future.

### Education

- California State University, Long Beach, CA. Zool/Chem, B.S., 1959
- University of California, School of Medicine, Los Angeles, CA. Human Anatomy/Cell Biology, Ph.D., 1964

### Professional Experience

- 1964-1966: Assistant Professor, Department of Anatomy, School of Medicine, University of Colorado, Denver, CO.  
Teaching: Human Anatomy, Histology, Embryology, Physiology and Cell Biology  
Research: Cell Biology
- 1966-1972: Assistant Professor, Department of Anatomy, School of Medicine, University of California, Los Angeles, CA.  
Teaching: Human Anatomy, Histology and Embryology, Cell Biology  
Research: Cell Biology: Effects of aging, air pollutants, environmental radiation and organo-mercurial compounds.
- 1973-1975: Application Specialist and Project Manager, Ultra Pure Water Systems, Millipore Corp, Bedford, MA.
- 1975-1976: Consultant: Chief of Toxicology, Applied Biological Sciences Laboratory, Glendale, CA.
- 1975-1976: Consultant: Toxicology, Alchem Laboratory, Marina del Ray, CA.
- 1975-1984: Consultant: Safety and Efficacy of Medical Devices, Drugs and Cosmetics, Los Angeles, CA.
- 1978-1980: Director of Regulatory Affairs: Safety and Efficacy of Cardiac Pacemakers. American Technology, Northridge, CA.
- 1984 to Current: Consultant and Expert Witness - Environmental Toxicology and Immunotoxicology. Northridge, CA and Alto, N.Mex. Human Health Effects. Research, Library Research, Consulting and Testimony.
- Representative Chemicals: Formaldehyde, Organo-phosphate pesticides, Chlorinated Pesticides, Solvents (Aromatic, Gasoline, Paint Thinners, Chlorinated), Indoor Air, New Carpeting, Smog, Heavy Metals, Methyl Bromide, Isocyanates, Silicone Breast Implants, Industrial Air Pollution, Ground Water Contamination, Hydrogen Sulfide, Organo-Sulfur Compounds, Paints (Solvent and Water Based), Ammonia and Ammonium Compounds.

- 1989 to 1996: Mentor: School of Health and Human Services, Columbia Pacific University, San Rafael, CA.
- 1988 to 1994: Consultant to Antibody Assay Laboratories, Santa Ana, CA
- 1990 to 1995: C.E.O. International Institute of Research for Chemical Hypersensitivity (INRCH), Northridge, CA and Alto, N. Mex.
- 1993 to 1994: Editor-in-Chief, Informed Consent, INRCH, Publisher.
- 1993 to 1996: Faculty. Eastern New Mexico University, Ruidoso, N. Mex.
- 1994 to Current: Advisory Committee, Chemical Impact Project, Tides Foundation, Mill Valley, CA.
- 2002 to Current: Consultation to:
  - Immunosciences Lab, Inc., Beverly Hills, CA.
  - Progressive Health Care, Benson Arizona.
  - Center for Immune and Toxic Disorders, Spring, Texas
  - State Of New Mexico, Department of Health, Expert in Mold Inspections
  - Real Time Laboratories, LLC, Dallas, Texas – Medical Director
  - Consulting Services to Treating Physicians – Nation Wide

### Scientific Societies and Organizations

- American Association of Anatomists (1964-1972)
- American Society of Cell Biology (1964-1972)
- American Association for the Advancement of Science
- American Academy of Environmental Medicine
- Participating Organization: Collaborative on Health and the Environment, USA
- Consultant to: Childsreen Professionals on Autism.
- Moderator: Environmental Toxins Foundation, UK
- Speaker: American Environmental Health Foundation, Dallas Texas, June, 2004
- Medical Science Monitor International Reviewers Panel (IRP)

### Recognition: Committees and Invited Research Presentations

- Who's Who in Medicine and Healthcare
- Who's Who In Science
- Advisory Panel and Investigator. Safety and Efficacy of Root Canal Medicaments. Food and Drug Administration and the American Endodontics Society, 1975.
- 5th International Conference on Indoor Air Quality, Toronto, Canada, 1990
- Second Annual Meeting of the International Society for Environmental Epidemiology. Berkeley, CA 1990.
- Disabilities. Senator Milton Marks, Chairman, California Legislature. 1994-1996.
- IFC/Arnold O. Beckman European Conference on the Environment, July, 1995.
- Advisory Panel. Access for People with Environmental Illness/Multiple Chemical Sensitivity and Other Related Advisory Committee. Medical Outreach Committee of the No-spray Coalition. New York, N.Y. 1999-2000.
- 22<sup>nd</sup> Annual International Symposium, June 24-27, Dallas, Texas. "Environmental Aspects of Inflammation. Cosponsored by AEF and AAEM. Speaker and Faculty Member.
- Panelist and Participant in Multiple Chemical Sensitivity Case Definition Workshop. Double Tree Hotel, San Francisco Airport, Burlingame, CA. Sponsored by the Chemical Injury Information Network, White Sulphur Springs, MT. August 4-5, 2006

### Research Papers

- [1] Greulich RC, Cameron IL, Thrasher JD. Stimulation of mitosis in adult mice by administration of thymidine. PNAS 1961;47:473.
- [2] Thrasher JD, Greulich RC. Age changes in the duodenal progenitor cell cycle of the male Swiss albino mouse. Proc. 2nd Grad Acad Univ California, Los Angeles, 1965:71.

- [3] Thrasher JD, Greulich RC. The duodenal progenitor population: I. Age related changes in the duration of the cryptal progenitor cell cycle. *J Exper Zool* 1965 Jun.;159(1):39–46.
- [4] Thrasher, JD, Greulich RC (1965) The duodenal progenitor population. II. Age related changes in size and distribution. *J Exper Zool* 1965 Aug.; 159(3):385–96.
- [5] Thrasher JD, Greulich RC. The duodenal progenitor population. III. The progenitor cell cycle of principal, goblet and Paneth cells. *J Exp Zool* 1966 Feb.;161(1):9–19.
- [6] Thrasher JD, Clarke FI, Clarke DR. Changes in the vaginal epithelial cell cycle in relation to events of the estrous cycle. *Exp Cell Res* 1967 Jan.; 45(1):232–6.
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- [8] Thrasher JD. Comparison of the cell cycle and cell migration in the intestinal epithelium of suckling and adult mice. *Experientia* 1967 Dec. 15; 23(12):1050–1.
- [9] Thrasher JD. Preliminary observations on mate compatibility in *Marmosa mitis*. *Lab Animal Care* 1969 Feb.;19(1):67–70.
- [10] Thrasher JD. Preliminary observations on the mean duration of the S-phase in the opossum, *Didelphis virginiana*. *Exper Cell Res* 57:441.
- [11] Thrasher JD. Relationship between cell division and cell specialization in the mouse intestinal epithelium. *Experientia* 1970;26:74.
- [12] Thrasher JD. The cell cycle and turnover times of the intestinal epithelia of the pouchless opossum, *Marmosa mitis*. *Experientia* 1970 Aug. 15; 26(8):871–2.
- [13] Pogrud RS, Thrasher JD. Air pollutants as carcinogenic and mutagenic agents: A summary report. Project Clean Air, University of California, Berkeley, 1970.
- [14] Thrasher JD, Berg N, Hauber E. Natural variation in the S-phase of renewing epithelia of the pouchless opossum, *Marmosa mitis*. *Cell Tiss Kin* 1971;4:185.
- [15] Thrasher JD. Age and the cell cycle of the mouse esophageal epithelium. *Exper Gerontol* 1971;6:19.
- [16] Thrasher, JD, Barenfus M, Rich ST, Shupe DV. The colony management of *Marmosa mitis*, the pouchless opossum. *Lab Animal Sci* 1971;21:526.
- [17] Turner FB, Thrasher JD, Licht P, Medica PA, Lannon JR. Gamma radiation-induced sterility in natural populations of lizards (*Crotaphytus wislizenii* and *Chemidophorus tigris*). IVth Symposium on Radio-Ecology, 1971.
- [18] Thrasher JD, Adams JF. The effects of four mercury compounds on the generation time and cell division in *Tetrahymena pyriformis*, WH14. *Environ Res* 1972 Dec.;5(4):442–50.
- [19] Cameron IL, Thrasher JD. Cell renewal and cell loss in aging animals. *Interdisciplinary Topic on Gerontology* 1976;10:108.
- [20] Thrasher JD (1976) Toxicity and histopathology of Gutta Percha and RC-2B root canal medicaments. *Amer Endodontics Soc* 25:2.
- [21] Thrasher JD, Wojdani A, Heuser G, Cheung GP (1987) Evidence for formaldehyde antibodies and altered immunity in subjects exposed to formaldehyde in mobile homes. A brief communication. *Arch Envir Hlth* 42:347.
- [22] Thrasher JD, Broughton A. Indoor formaldehyde and the elderly. *Clin Gerontologist* 1988;7:63.
- [23] Broughton A, Thrasher JD. Antibodies and altered cell mediated immunity in formaldehyde exposed humans. *Comments Toxicology* 1988; 2:155.
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- [26] Thrasher JD, Broughton A, Gard Z. Building-related illness and antibodies to albumin conjugates of formaldehyde, toluene diisocyanate and trimellitic anhydride. *Amer J Ind Med* 1989;15(2):187–95.
- [27] Thrasher JD, Broughton A, Madison R (1989) Response to letters on formaldehyde case reports. *Amer J Indust Med* 1989;16:333.
- [28] Broughton A, Thrasher JD, Madison R. Chronic health effects and immunological alterations associated with exposure to pesticides. *Comments Toxicology* 1989;4:49.
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- [31] Madison R, Broughton A, Thrasher JD. Immunologic biomarkers associated with an acute exposure to exothermic byproducts of a ureaformaldehyde spill. *Environ Health Perspect* 1991;94:219–23.
- [32] Thrasher JD, Madison R, Broughton A. Immunologic abnormalities in humans exposed to chlorpyrifos: preliminary observations. *Arch Environ Health* 1993 Mar-Apr.;48(2):89–93.
- [33] Thrasher JD. Are chlorinated pesticides a causation in maternal mitochondrial DNA (mtDNA) mutations? *Arch Environ Health* 2000 Sep.-Oct.;55(5):292–4.
- [34] Thrasher JD, Kilburn, KH. Embryo toxicity and teratogenicity of Formaldehyde. *Arch Environ Health* 2001 Jul-Aug.;56(4):300–11.
- [35] Thrasher JD, Heuser G, Broughton A. Immunological abnormalities in humans chronically exposed to Chlorpyrifos. *Arch Environ Health* 2002 May-Jun.;57(3):181–7.
- [36] Vojdani A, Thrasher JD, Gray M, Campbell A, Heuser G. Antibodies to Molds and Satratoxin in Individuals Exposed in Water-Damage buildings. *Archives of Environmental Health* 2003;58:421–32.
- [37] Gray M, Thrasher JD, Crago R, Madison RA, Madison R, Arnold L, Campbell A, Vojdani A. Mixed Mold Exposure: Immunological Changes in Humans with Exposure in Water Damaged Buildings. *Archives of Environmental Health* 2003;58:410–20.
- [38] Crago BR, Nelson LA, Davis M, Thrasher JD, Gray M. On the neuropsychological and electrocortical impacts of mixed mold exposure. *Archives of Health* 2003;58:452–63.
- [39] Campbell AW, Thrasher JD, Madison RA, Gray MR. Neural antigen autoantibodies and neurophysiology abnormalities in patients exposed to mixed-molds in water-damaged buildings. *Arch Environ Health* 2003; 58:464–74.
- [40] Vojdani A, Thrasher, JD. Cellular and Humoral Immune Abnormalities in Gulf War Veterans. *Environmental Health Perspectives* 2004; 112:840–46.
- [41] Campbell AW, Thrasher JD, Gray MR, Vojdani A. Mold and Mycotoxins: Effects on Neurological and Immune Systems in Humans. In: Straus, DC, ed., *Sick Building Syndrome, Advances in Applied Microbiology* 2004; 55:275–402.
- [42] Gray MR, Thrasher JD, Crago R. Reye's-like syndrome in a newborn following exposure to a mold infested home. 2007 (In preparation).
- [43] Thrasher, JD, Campbell AW. Inflammatory responses in occupants of water-damaged buildings who also exhibit MCS, chronic fatigue and fibromyalgia. An argument for the role of genetic polymorphism. Multiple Chemical Sensitivity Case Definition Workshop. Hosted by Chemical Injury Information Network, White Sulphur Springs, MT, 2006.
- [44] Thrasher JD, Kilburn KH, Immers N. Indoor environment resulting from water intrusion. *HarrisMartin Columns*, 2006 Nov., p. 5

## Chapters in Books and Monographs

- [1] Thrasher JD (1966) Analysis of renewing epithelial cell populations. In: Prescott DM, (ed) *Methods in Cell Physiology*. New York: Academic Press, Vol 2, p. 234.
- [2] Prescott DM, Rao HVN, Evenson DP, Stone GE, Thrasher JD (1966) Isolation of single nuclei and mass preparation of nuclei from several cell types. In: Prescott DM (ed) *Methods in Cell Physiology*. New York: Academic Press, Vol 3, p. 131.
- [3] Thrasher JD (1971) RNA molecules in cells and tissues, in vivo and in vitro. In: Cameron IL, Thrasher JD (eds) *Cellular and Molecular Renewal in the Mammalian Body*. New York: Academic Press, p. 107.
- [4] Thrasher JD (1971) Turnover of intracellular proteins. In: Cameron IL, Thrasher JD (eds) *Cellular and Molecular Renewal in the Mammalian Body*. New York: Academic Press, p. 25.
- [5] Thrasher JD (1972) Effects of mercury compounds on dividing cells. Zimmerman A, Cameron IL (eds) New York: Academic Press.
- [6] Thrasher JD (1972) Marsupial cells, in vivo and in vitro. Prescott DM (ed) *Methods in Cell Physiology*. New York, Academic Press.

## Books

- [1] Cameron IL, Thrasher JD (1971) *Cellular and Molecular Renewal in the Mammalian Body*. New York: Academic Press.
- [2] Thrasher JD, Broughton A (1990) *The Poisoning of our Homes and Workplaces. The Indoor Formaldehyde Crisis*. Santa Ana: Seadora, Inc.

## Website Publications

- [1] Thrasher, JD. 1999. Brief Toxicology of Formaldehyde



- [2] Thrasher, JD. 1999. Toxicology of Hydrogen Sulfide.
- [3] Thrasher, JD. 2001. Molds and Human Diseases.
- [4] Thrasher, JD. 2002. Aflatoxins and Aflatoxicosis.
- [5] Thrasher, JD. 2002. An Introduction to Trichothecenes.
- [6] Thrasher, JD. 2002. Ochratoxins and Ochratoxicosis.
- [7] Thrasher, JD. 2002. Stachybotrys chartarum: Lung Effects, Siderophore and Stachylysin.

## Articles

- [1] Thrasher JD (1984) Indoor Air Pollution - Air for Living. The Californian, Sept.
- [2] Thrasher JD (1984) Air Pollution: Indoor Formaldehyde. The Californian, Nov.
- [3] Thrasher JD (1985) Air for Living - By Products of Combustion. The Californian, Jan.
- [4] Thrasher JD (1985) Formaldehyde Health Risks. The Californian, May.
- [5] Thrasher JD (1985) Your Recovery from Formaldehyde Toxicity. The Californian, June.
- [6] Thrasher JD, Wojdani A, Cheung GP, Heuser G (1986) Indoor Air Pollution: A Public Health Legal Perspective. Calif Trial Lawyers Forum 16 (No. 8), p. 296.
- [7] Thrasher JD, Broughton A (1988) Formaldehyde and the Immune System. Health Today, Nov/Dec., p. 27.
- [8] Thrasher JD, Broughton A (1988) Toxins in the Home and Office. Health Today, Sept. Oct., p. 38.
- [9] Broughton A, Thrasher JD (1989) Low Level Chemicals in the Indoor Air can Cause Immune Damage. Indoor Air.
- [10] Thrasher JD (1994) Monosodium Glutamate Chinese Restaurant Syndrome. Informed Consent 1(3):49.
- [11] Thrasher JD (1994) Time of Day Affects Asthmatic Response. Informed Consent 1(5):34.
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- [11] Thrasher JD (1981) Business Plan: The markets and applications for U.V.-Ozone oxidation of EPA regulated refractory compounds in water and waste water. Westgate Research Corp., Los Angeles, CA.
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## Editor (Arizona, United States)

**Tomas G. Teskey, DVM**

Tomas G. Teskey received his D.V.M. in 1995 from Colorado State University and has been a private practitioner in Arizona since that time, taking a specialty approach to the equine hoof. He has studied the teachings of all other equine podiatrists that have contributed to the science over the last 200 years. Using specialized trimming techniques based on anatomical landmarks and extensive study of both feral and working horses, most diseased hooves can be brought to soundness and a higher level of performance. Abandoning the use of metal appliances, the nature of the equine hoof itself has become the focus for providing a solid foundation for domestic horses the world over. Dr. Teskey has held numerous workshops on hoof care across Arizona, has spoken to veterinary student audiences at Colorado State University, and continues to plan for engagements in the United States and Internationally.

## Editor (Texas, United States)

**Andrew J. Wakefield, MB BS, FRCS, FRCPath**

Dr. Wakefield currently serves as Executive Director, Thoughtful House Center for Children, Austin, Texas, 78746. He received his medical education at St. Mary's Hospital Medical School, London (1976-1981) and his MB BS degree from the University of London (1981). Dr. Wakefield completed primary and final fellowship at the Royal College of Surgeons (London) during 1983 and 1985, respectively. He completed a fellowship of the Royal College of Pathologists (U.K.) in 2001.

Dr. Wakefield is the recipient of of the 1987 Toronto General Hospital Resident's Research Prize, the 1988 First Prize from the Basic Science, Mount Sinai Hospital Department of Medicine (Toronto), the 1992-3 SMART I Award and 1993-4 SMART II Award for Research and Technology from the Department of Trade and Industry, and the 2000 NVIC Courage in Science Award.

Dr. Wakefield has been a reviewer to the following scientific journals: *Lancet*, *American Journal of Gastroenterology*, *Gastroenterology*, *Gut*, *Digestive Diseases and Science*, *European Journal of Gastroenterology and Hepatology*, *Alimentary Pharmacology and Therapeutics*.

## Appointments

- House Surgeon to Mr. D. C. Britton, Royal United Hospitals, Bath, Avon, Aug 1981 - Feb 1982
- House Physician to Dr. J. G. Walker, Dr. R. Elkeles, Dr. C. Coulter and Professor Wickramasinghe, St. Mary's Hospital, London, W2, Feb 1982 - Aug 1982
- Two year appointment to St. George's Hospital, General Surgical Senior House Officer Rotation Casualty Officer, St. George's Hospital, Tooting (Mr. A. Barker), Aug 1982 - Feb 1983

- The Royal Marsden Hospital, Sutton. Mr. J-C Gazet, Mr N Breech, Dr. J. Ford, Dr. J. Glees, Feb 1983 - Aug 1983
- Frimley Park Hospital, Surrey. Mr. A. H. Amery, Mr. H. Hills, Mr. K. P. R. Rutter, Mr. M. J. Solan, Mr. R. C. Lallemand, Aug 1983 - Aug 1984
- Two year appointment to Queen Mary's University Hospital, Roehampton, Surgical Registrar Rotation:
- Registrar to Mr. R. A. D. Booth, General and Colorectal surgery, Sep 1984 - May 1985
- Registrar to Mr. K. P. Robinson, General and Vascular surgery, May 1985 - Jan 1986
- Registrar to Mr. J. McLean-Singleton, General and Urological surgery, Jan 1986 - Apr 1986
- Appointment to St. George's Hospital, Tooting, Surgical Registrar Rotation
- Registrar to Miss E. M. Gordon, Paediatric surgery, Apr 1986 - Nov 1986
- Appointment as Wellcome Research Fellow to the Surgical Unit, Toronto General Hospital and the Faculty of Medicine of the University of Toronto, Toronto, Ontario, Canada: Dr. Z. Cohen and Professor B. Langer, Nov 1986 - Nov 1988
- Appointment as Wellcome Research Fellow, Royal Free School of Medicine, Nov 1988 - Sept 1990
- Senior Lecturer in Experimental Gastroenterology, Departments of Medicine & Histopathology, Oct 1990 - Sep 1997
- *Reader in Experimental Gastroenterology, Department of Medicine & Histopathology, Oct 1997 - Nov 2001, Royal Free & University College Medical School, London.*
- Honorary Consultant in Experimental Gastroenterology to Royal Free Hampstead NHS Trust, London.
- Director of Research and Chairman, Inflammatory Bowel Disease Study Group, RFHSM.
- Senior Medical Adviser to the UK registered Charity VISCERAL, Dec 2001 Dec 2004
- Executive Director, Thoughtful House Center for Children, Austin Texas, Dec 2004 -

### Honors, Scholarships and Awards

- Wellcome Trust Travelling Fellowship, 1986-9
- Runcorn Travelling Scholarship, Westminster Medical School Research Trust, 1986
- AMI Travelling Scholarship, Royal College of Surgeons, England, 1986
- Ethicon Foundation Scholarship, Ethicon; Foundation Fund, Royal College of Surgeons, England, 1986
- Anglo-Canadian Scientific Exchange Scholarship, The Royal Society and the Natural Sciences and Engineering Research Council, Canada, 1986-1987
- Wellcome Trust Travelling Fellowship, The Wellcome Trust, London, 1986-1989
- Curie Foundation Travelling Scholarship, 1989
- Three year extension of Wellcome Trust Fellowship, 1990-1993
- Membre D'Honneur Etranger de la Societem, Royal Belge de Gastro-Enterologie, 1995
- Fellow of the Royal Collage of Pathologists, 2001

### Research and Development Interests

- The Inflammatory Bowel Disease Study Group
- The role of microvascular injury in the pathogenesis of inflammatory bowel disease.
- The role of the gut in childhood developmental disorders

### Publications

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