

CURRICULUM VITAE

Martin Paul Robert Tenniswood

PERSONAL DATA:

Present Position: Empire Innovation Professor,
Gen*NY*Sis Center of Excellence in Cancer Genomics,
State University of New York at Albany
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Date and Place of Birth: March 1 1951, Kampala, Uganda

Home Address: 45 Lynn Road, Averill Park, NY 12108

Citizenship: Canadian
Status in United States: Permanent Resident

ACADEMIC AND PROFESSIONAL TRAINING:

Primary and Secondary School Education

St. Bonaventure's College, St. John's, Newfoundland, Canada, 1958-1963
Mount Pleasant Boy's High School, Salisbury, Rhodesia (Zimbabwe), 1963-1965
Madras College, St. Andrews, Scotland, 1965-1967
John F. Ross Collegiate, Guelph, Ontario, Canada, 1967-1969

University Education

B.Sc. (Hons) Trent University, Peterborough, Ontario, Canada, 1973 - Chemistry

Ph.D. Queen's University, Kingston, Ontario, Canada, 1979 - Biochemistry
Thesis Title: *The Hormonal Control of Acid Phosphatase Activity in the Rat Ventral Prostate*
(Supervisor Dr. Albert F. Clark)

RESEARCH AND PROFESSIONAL EXPERIENCE:

Pre-Doctoral Experience

1971-1973 Lab Demonstrator, Chemistry 100, Department of Chemistry, Trent University
1972 Research Assistant, (Supervisor, Dr. S.A. Brown), Department of Chemistry, Trent University
1973-1974 Lab Demonstrator, Biochemistry 310, Department of Biochemistry, Queen's University
1974-1975 Lab Demonstrator, Biochemistry 510, Department of Biochemistry, Queen's University
1975-1977 Lab Demonstrator, Biochemistry 420, Department of Biochemistry, Queen's University

Post-Doctoral Experience

1978-1979 Lecturer, Department of Biochemistry, Queen's University
1978-1979 Departmental Assistant, Department of Medicine, Queen's University
1980-1983 Visiting Scientist, Laboratory for Developmental Biochemistry, National Institute for Medical Research,
London, United Kingdom

Academic Appointments

1983-1989 Assistant Professor, Department of Biochemistry, University of Ottawa, Ottawa, Ontario, Canada
(Tenured 1989)

1989-1994 Associate Professor, Department of Biochemistry, University of Ottawa,
1994 Professor, Department of Biochemistry, University of Ottawa,
1994-1998 Senior Scientist, W. Alton Jones Cell Science Center, Lake Placid, NY
(from 08/97- Adirondack Biomedical Research Institute)

1994-1998 Adjunct Professor, Department of Biochemistry, University of Ottawa
1994-1998 Adjunct Professor, Department of Biology, Clarkson University, Potsdam, NY
1998-2007 Coleman Professor of Life Sciences, Department of Biological Sciences, University of Notre Dame,
Notre Dame, IN 46556

2008-present Empire Innovations Professor, Department of Biomedical Sciences, Gen*NY*Sis Center of Excellence
in Cancer Genomics, School of Public Health, State University of New York at Albany, Rensselaer
NY 12144

COMPETITIVE AWARDS

Undergraduate:

Wellington County Board of Education Award, 1969
John F. Ross Scholarship, 1969
Ontario Scholar, 1969
Trent University Scholarship, 1969

Graduate:

Queen's Graduate Fellowship, 1973-1974
Ontario Graduate Scholarship, 1974-1978

Post-Graduate Awards:

John Alexander Steward Award, 1978-1979
Canadian Medical Research Council Fellowship, 1980-1983

Career Awards

Canadian Medical Research Council Scholarship, 1984-1989

ACADEMIC RESPONSIBILITIES

1a. Courses Taught (University of Ottawa)

(1000-4000 level courses- Medical and Undergraduate Science programs, average enrollment 100 students; 8000 level courses- Graduate program, average enrollment 30 students)

1983

BCH 1262 Medical Biochemistry (10 hours)
BCH 8112 Advanced Topics in Gene Structure (26 hours)

1984

BCH 1262 Medical Biochemistry (17 hours)
BCH 4123 Biochemical Endocrinology (20 hours)
BCH 8119 Advanced Topics in Gene Expression (26 hours)

1985

BCH 1262 Medical Biochemistry (17 hours)
BCH 8130 Advanced Topics in Biochemistry I. Oncogenes (26 hours)
MIC 8227 Frontiers in Molecular Cloning (10 hours)

1986

BCH 1262 Medical Biochemistry (17 hours)
BCH 8103 Advanced Topics in Molecular Biology (52 hours)
BCH 8131 Advanced Topics in Biochemistry II. Basement Membrane (26 hours)

1987

BCH 1262 Medical Biochemistry (17 hours)
BCH 4122 Nucleic Acids (18 hours)
BIO 4170 Techniques in Biotechnology (10 hours)

1988

BCH 1262 Medical Biochemistry (17 hours)
BCH 4122 Nucleic Acids (24 hours)

1989

BCH 1262 Medical Biochemistry (17 hours)
BCH 4122 Macromolecules (20 hours)
BCH 8103 Advanced Topics in Molecular Biology (30 hours)

1990

BCH 1262 Medical Biochemistry (17 hours)
BCH 3170 Molecular Biology (20 hours)
BCH 4122 Macromolecules (12 hours)

1991

BCH 1262 Medical Biochemistry (17 hours)
BCH 3170 Molecular Biology (19 hours)
BCH 4122 Macromolecules (20 hours)

1992

BCH 1262 Medical Biochemistry (7 hours)
BCH 3170 Molecular Biology (19 hours)
BCH 4122 Macromolecules (20 hours)
Medical Biochemistry- First Block (2 hours)

1993

BCH 3170 Molecular Biology (20 hours)
BCH 4155 Endocrinology (6 hours)
BCH 8103 Advanced Topics in Molecular Biology (16 hours)

1994

BCH 3170 Molecular Biology (20 hours)
BCH 4125 Endocrinology (4 hours)

1b. Courses Taught (Clarkson University, Potsdam, NY)
(600 level courses- Graduate Program)

1996

BY 693 Cell and Molecular Biology 8 students (39 hours)

1997

BY 606 Advanced Biochemistry 6 students (39 hours)

1c. Courses Taught (University of Notre Dame, Notre Dame, IN)
(100-400 level courses-undergraduate and Pre-professional; 500-600 courses-Graduate Program)

1999

BIOS 201 Pre-professional General Biology 350 students (42 hours)

2000

BIOS 201 Pre-professional General Biology 320 students (42 hours)
BIOS 570 Topics in Cell Biology: Cancer 20 students (26 hours)
BIOS 580 Graduate Seminar 36 students (36 hours)

2001

BIOS 201 Pre-professional General Biology 320 students (42 hours)
BIOS 342 Developmental Biology 152 students (42 hours)
BIOS 580 Graduate Seminar 36 students (34 hours)

2002

BIOS 342 Developmental Biology 203 students (28 hours)
BIOS 201 Pre-professional General Biology 316 students (40 hours)
BIOS 580 Graduate Seminar 36 students (34 hours)

2003

BIOS 241 Cell Biology 93 students (17 hours)
BIOS 201 Pre-professional General Biology 298 students (42 hours)
BIOS 580 Graduate Seminar 36 students (34 hours)

2004

BIOS 201 Pre-professional General Biology 323 students (42 hours)
BIOS 580 Graduate Seminar 32 students (34 hours)

2005

BIOS 202 Pre-professional General Biology (Physiology) 296 students (26 hours)
BIOS 580 Graduate Seminar 30 students (34 hours)

2006

BIOS 30342 Developmental Biology 142 students (42 hours)
BIOS 10162 Introductory Physiology 125 students (23 hours)
BIOS 60581 Graduate Seminar 42 students (34 hours)
BIOS 10161 Introductory Biology 172 students (34 hours)

BIOS 60585 Graduate Seminar 40 students (34 hours)

2007

BIOS 10162 Introductory Physiology 163 students (20 hours)

BIOS 10161 Introductory Biology 228 students (40 hours)

Teaching Awards:

Professor of the Year Biochemistry Students Association, University of Ottawa 1993.

Top 5 List, Faculty of Science Course Evaluations 1993, 1994 University of Ottawa (for BCH 3170)

Kaneb Teaching Award, University of Notre Dame, 2003

Outstanding Professor in College of Science- Student Year Book Selection 2007

Research Awards:

Dr. Joseph E. Walther Research Prize, Walther Cancer Institute Indianapolis, November 2004

2. University of Ottawa: Departmental Committees

Graduate Studies Committee (1985-1994)

Graduate Studies Committee, Chairman (1992-1994)

Departmental Teaching Personnel Committee (1986-1992)

Departmental Executive Committee (1987-1989)

Equipment Committee, Chairman (1985-1989)

Space Allocation Committee (1986-1994)

Secretary, Departmental Council (1987-1990)

3. University of Ottawa: University Committees

Health Sciences Workshop Committee (1985-1987)

Animal Care Committee (1986-1990)

Animal Care Committee, Protocol Review Group (1987-1990)

Biohazard C/D Facility Management Group (1986-1990)

Bachelor of Medical Science Committee (1985-1991)

Faculty Council, Faculty of Sciences (1989-1992)

Faculty of Medicine Research Committee (1991-1994)

School of Graduate Studies and Research, Science Commission (1992-1994)

Faculty of Medicine Teaching Personnel Committee (1993-1994)

4. W. Alton Jones Cell Science Center Committees:

Chairman, Institutional Animal Care and Utilization Committee (1995-1998)

Member, Institutional Review Board for the Protection of Human Subjects (1995-1998)

Chairman, Graduate Studies Committee (1996-1998)

Member, Institutional Safety Committee, (1995-1998)

5. University of Notre Dame : Departmental Committees

Curriculum Review Committee (2002-2007)

Curriculum Review Committee, Chairman (2003-2007)

Department of Biological Sciences Space Utilization Committee (2004-2007)t

Department of Biological Sciences Faculty Search Committees (2001, 2002, 2003)

6. University of Notre Dame : University Committees

Faculty Senate (2002-2006)

Academic Affairs Sub Committee of Senate (2002-2006)

Provost's Committee on Financial Aid and Graduate Studies (2004-2005)

University Code of Honor Committee (2006-2007)

7. National and International Committees

Canadian Foundation for Innovation, Ottawa, ON

Committee for Institutional Innovation-Regional and National Facilities (1998-99)
Ad hoc reviewer for New Opportunities Funding (2000)
Member, College of Reviewers (2002-present)

Cancer Research Society, Montreal, Quebec

Medical Advisory Board (1987-1992)

Medical Research Council of Canada

Grants Panel Member (Cancer) (1987-1989)
Scientific Officer (Cancer) (1989-1992)
Grants Panel Member Program Grants (1994)

Ontario Council of Graduate Schools

Scholarship Panels
Biochemistry Panel Member (1987)
Genetics Panel Chairman (1988)
Molecular Biology I Panel Chairman (1989)

National Institutes of Health, Bethesda, Maryland.

Organ Systems Coordinating Center, Prostate Sub-Group for Program Announcement on Stromal-Epithelial Interactions, National Cancer Institute February, 1986

Organ Systems Coordinating Center, Prostate Sub-Group for Program Announcement on Prostate Regression, February, 1987

Round table on Prostate Cancer, Future Research Directions, Easton, Maryland, May 1990

Prostate Cancer State of the Science Workshop, Washington DC November 1999

ad hoc member, Study Section for RFA on Regulation of Normal Prostate Growth (DK96- 005), Baltimore Maryland, November 1996

ad hoc member, Pathology B Study Section, Center for Scientific Review NIH, 1995-1997, June 2002, June 2003.

Member, Pathology B Study Section, Center for Scientific Review NIH 1997-2001

ad hoc Member, SSS Study Section, Center for Scientific Review NIH, February 2003

Founding Member, Tumor Promotion and Metastasis (TPM Study), Center for Scientific Review NIH October 2003-2006

Review panel for SPORE in Lymphoma, Prostate, breast Skin Leukemia and GI Cancers,
Center for Scientific Review, NIH September 2007

World Health Organization

Advisory Committee on Benign Prostatic Hyperplasia (1992-1995)

Susan G. Komen for the Cure

Chairman, Tumor Cell Biology II 2005-present
Member Programmatic Review 2005-present
Member, Working Group 2, Restructuring Committee 2007
Member Tumor Cell Biology II 2007-present

Other

Member, Board of External Advisors, SPORE for Prostate Cancer, Scott Department of Urology, Baylor College of Medicine, Houston, TX 1992-2007
(Chairman of External Board, 2004-2007)

ad hoc reviewer for Medical Research Council of Canada; Natural Sciences and Engineering Research Council (Canada), Alberta Heritage Foundation, Cancer Research Ireland, Canada Council, The Dutch Cancer Research Council, The Israel Science Foundation, Manitoba Health Research Council, Health Services Utilization and Research Commission, Saskatchewan, NHMRC (Australia)

7. Publishing Responsibilities:

The Prostate, Editorial Board, (1988-2002)

Journal of Andrology, Editorial Board (1994- 1998)

Biochemistry and Cell Biology, Editor (1993-1999)

Journal of Biological Chemistry, Editorial Board (2007-2012)

ad hoc reviewer for American Journal of Pathology, Biochemistry, Biochimica Biophysica Acta, Biology of Reproduction, Cancer Research, Cell Death and Differentiation, Cell Growth and Differentiation, Development, Endocrinology, FASEB Journal, Journal of Biological Chemistry, Journal of Clinical Endocrinology and Metabolism, Journal of Clinical Investigation, Journal of Cellular Physiology, Journal of Urology, Proceedings of the National Academy of Sciences USA, Proceedings of the Society for Experimental Biology and Medicine, Science, Urology.

8. Organization of Scientific Meetings.

1. Mini-symposium on *The Molecular Biology of the Prostate and its Relationship to Prostatic Diseases*, Canadian Federation of Biological Societies, Toronto, Ontario June, 1985. Co-organized with Dr. Yvonne Lefebvre. Proceedings published in the June 1986 issue of Biochemistry and Cell Biology.

2. First Symposium on *Prospects and Progress in Prostate Research*, Ottawa, Ontario, October 1992.

3. Schering Symposium on Apoptosis in Hormone Dependent Cancers, Berlin, Germany, June 1994. Co-organized with Dr. Horst Michna. Proceedings published in *Apoptosis in Hormone Dependent Tissues: Schering Research Foundation Workshop 14*. (Eds: Tenniswood, M. and Michna, H.) Springer-Verlag, Berlin, 1995.

4. 10th International Symposium on Cellular Endocrinology: *Molecular and Cell Biology of Apoptosis in Development, Disease and Cancer*, Lake Placid, New York, September 1994. (Co-organized with Drs James Stevens and Gwyn Williams) Proceedings published in November/December 1994 issue of Biochemistry and Cell Biology.

5. Second Symposium on *Prospects and Progress in Prostate Research*, La Sapinière, Québec, Canada, November 1994.

6. Sero Symposium on *Cell Death in Reproductive Physiology*, Chicago Illinois, April 1996. (Co-organized with Drs. Johnathan Tilly and Jerome Strauss). Proceedings published in Cell Death in Reproductive Physiology, (Eds, Tilly, J., Strauss, J. and Tenniswood, M.) Sero Symposia USA, Springer-Verlag, New York. 1997

7. 12th International Symposium on Cellular Endocrinology: *The Extracellular Matrix, Its Synthesis, Function and Degradation*, Lake Placid, New York, September 1996. (Co-organized with Drs JoEllen Welsh and Denry Sato) Proceedings published in November/December 1996 issue of Biochemistry and Cell Biology.

8. Second Gordon Conference on Cell Death, Colby-Sawyer College, New Hampshire, July 1997. (Co-organized with Dr. Douglas Green)

9. Site Visits

Le Centre de Recherche en Cancerologie, L'Hotel Dieu de Québec, L'Université de Laval, Québec. Luc Belanger February, 1989. (for FCAR)

Departments of Obstetrics and Gynecology, L'Université de Sherbrooke, MRC Group Grant "Molecular Aging and Ontogeny" (Dr. Serge Belisle) March 1990. (For MRC Canada)

McGill Cancer Center, Montreal, Quebec MRC Multi-User Equipment Grant (Dr. Simone Chevalier) November, 1993 (chairman) (for MRC Canada).

Faculty of Medicine, University of Manitoba, Winnipeg, Manitoba NCI Terry Fox Program Project Application "Molecular Mechanisms of Hormone Dependence in Human Breast Cancer." (Dr. Liam Murphy) December 1993. (for NCI Canada)

Faculties of Medicine, Université Laval, University of Toronto, University of Ottawa, and British Columbia. Cancer Agency Joint NCI, NHRDP and MRC Program Project Grant "Canadian Randomized Controlled Trial of Screening for Prostate Cancer with PSA: The Vanguard Phase." (Dr. Francis Meyer) February 1995. (For MRC Canada, NCI Canada and NHRDP Canada)

Lineberger Comprehensive Cancer Center, University of North Carolina, Chapel Hill, NC "Prostate Cancer: Transition to Androgen Independence." PI: Dr. James Mohler, September, 1997 (for NCI Program Project Review)

10. Consulting

Eli Lilly and Company, (Indianapolis, Indiana), 1989-1992

Bionetics Research Incorporated (Rockville, Maryland) 1989-1991

Upstate Biotechnology, (Lake Placid New York) 1996-present

Millennium Pharmaceuticals, (Cambridge Massachusetts) 1997-2000

Circagen Inc. (Delaware) 2001-2004

Cytochroma Inc (Markham, Canada). 2003-2005

Serono Pharmaceuticals (Randolph, MA) 2001-2007

Serono Pharmaceuticals (Geneva), Switzerland 2004-2007

Errant Gene Therapeutics (Maryland), 2004- present

GRADUATE AND MEDICAL STUDENT SUPERVISION

A. Completed:

Kenneth Lawless, M. Sc. (University of Ottawa), June 1987. Thesis Title: *Liver Gene Expression During Vitellogenesis in Male Rainbow Trout.*

Current Position: Executive Director, Ottawa Life Science Council and President of the Ottawa Life Sciences Technology Park, City of Ottawa, Ontario.

Deborah Crozier, B. Med. Sci. (University of Ottawa), June 1988. Thesis Title: *Restriction Fragment Length Polymorphism Analysis of Norrie's Disease.*

Current Position: Family Physician, Ottawa, Ontario

Craig Earle, B. Med. Sci. (University of Ottawa), November 1988. Thesis Title: *The Role of Papillomaviruses in the Etiology of Prostatic Diseases.*

Current Position: Family Physician, Toronto, Ontario

Jocelyne Léger, Ph.D. (University of Ottawa), June 1990. Thesis Title: *Cloning and Characterization of Androgen Repressed mRNA Sequences in the Rat Ventral Prostate.*

Current Position: Audiologist and Speech Therapist, Boston.

Michèle Rouleau, M.Sc. (University of Ottawa) , June 1990. Thesis Title: *The Control of Gene Expression in the Rat Ventral Prostate via the Cytoskeleton.*

Current Position: Post-doctoral Fellow, Université Laval, Québec, P.Q.

Michael Montpetit, Ph.D. (University of Ottawa), October, 1990. Thesis Title: *Characterization of Androgen Independent Cells in the Rat Ventral Prostate.*

Current Position: President, Canadian Molecular Research Services, Ottawa, Ontario
(Deceased. July, 2001).

Paul Wong, Ph.D. (University of Ottawa), February, 1992 .Thesis Title: *The Cloning of X-linked Ophthalmic Diseases.*

Current Position: Associate Professor, Department of Ophthalmology, Emory University, Atlanta, GA

Jean Pineault, M.Sc. (University of Ottawa), February, 1993. Thesis Title: *Cloning and Characterization of the TRPM-2 Gene In Rat and Human.*

Current Position: Vice President and General Manager, Tandem Labs, West Trenton NJ

Sean Guenette Ph.D. (University of Ottawa), September, 1995. Thesis Title: *Cloning and Characterization of Genes Expressed During Programmed Cell Death in the Prostate and Mammary Gland.*

Current Position: CEO Upstate Permaculture, Lake Placid NY

Srikala Sridhar, M.Sc. (University of Ottawa) May, 1997. Thesis Title: *Gene Expression During Apoptosis in Neuronal Cell Culture.* [co-supervised by Dr. Roy Walker, National Research Council, Ottawa, Ontario]

Current Position: Medical Oncologist, Princess Margaret Hospital, Toronto ON

Johnathon Lakins , Ph.D. (University of Ottawa), January 1999. Thesis Title: *Structure and Activity of Human Clusterin.*

Current Position: Specialist, Institute Regenerative Medicine and Stem Cell Research, University of California San Francisco, San Francisco, CA

Colm Morrissey, Ph.D. (University College, Dublin) October,1999. Thesis Title: *The Effects of Age and Androgen Ablation on the Morphology and Biochemistry of the Rat Ventral Prostate.*

Current Position: Post-doctoral Scientist, Department of Urology, University of Seattle, WA

Jacintha O'Sullivan, Ph.D. (University College, Dublin) June 2000. Thesis Title: *Intracellular Trafficking and Post Translational Modifications of Clusterin in Breast Cancer Cells During Apoptosis*

Current Position: Senior Scientist, Conway Institute, University College Dublin, Dublin, Ireland.

Zhengqi Wang, Ph.D. (University of Notre Dame, Notre Dame, IN) August 2000.

Thesis Title: *Regulation of Rat Clusterin Gene Expression*

Current Position: Post-Doctoral Fellow, Case Western Reserve University, Cleveland OH.

Dana McDonald, M.S. (University of Notre Dame, Notre Dame, Indiana) August 2001. Thesis Title: *Effect of Selective Estrogen Response Modifiers (SERMs) on the Initiation and Progression of Endometrial Cancer.*

Current Position: Technician, Indiana University Medical School, Indianapolis, IN

Ping Zhan, Ph.D. (University of Notre Dame, Notre Dame, Indiana) December 2002. *Apoptosis and Tumor Invasion in Prostate Cancer.*

Current Position: Senior Bio-statistician, Celera Genomics, South San Francisco CA

Yao Wang, M.S. (University of Notre Dame, Notre Dame, Indiana) April 2003. *Characterization of the Mechanism of Intravasation and Extravasation in Metastatic Breast Cancer*

Current Position: Clinical Trials Manager, Omnicare, Covington KY

Edmund Lee Ph.D. (University of Notre Dame, Notre Dame, Indiana) February, 2003.

Abrogation of DNA Fragmentation: A Mechanism for Tumor Progression in Prostate Cancer

Current Position: Senior Scientist, Millennium Pharmaceuticals, Cambridge MA

Sharon O'Neill M.S. (University of Notre Dame, Notre Dame, Indiana) April 2004. *Vitamin D May Inhibit Invasion in Estrogen Independent Breast Cancer Cell Lines Through Regulation of ECM Proteases*

Current Position: Technician, Trinity Biotechnology, Dublin, Ireland.

Lorna Whyte Ph.D. (University of Notre Dame, Notre Dame, Indiana) Spring 2005.

Thesis Title: *Effects of Selective Estrogen Receptor Modulators (SERMs) on Invasion and Metastasis in Breast Cancer.* (Supported by a Dissertation Award from the Susan G. Komen Breast Cancer Foundation).

Awarded the 2005 Eli J. and Helen Shaheen Graduate School Award for the Outstanding Dissertation in the College of Science

Current Position: Post-doctoral Fellow, Neurooncology Clinical Cooperation Unit, Deutsches Krebs-Forschungszentrum, Heidelberg, Germany

Somdutta Roy Ph.D. (University of Notre Dame, Notre Dame, Indiana) Spring 2006.

Thesis Title: *Mechanism of Action of Histone Deacetylase Inhibitors in Prostate Cancer Progression.*

(Supported by the Pat Gironi Scholarship in Molecular Medicine, 2004-2006)

Current Position: Postdoctoral Fellow, Comprehensive Cancer Center, University of San Francisco, San Francisco, CA

Nicholas Russell MS (University of Notre Dame, Notre Dame, Indiana) Fall 2007.

Thesis Title: *Interactions between the Androgen and Vitamin D Receptor Axes in Early Prostate Cancer.*

Current Position: Law Student, Marquette University, Milwaukee, WI.

Peter McHenry Ph.D. (University of Notre Dame, Notre Dame, Indiana) Fall 2008. *Elucidating the Mechanisms of Action of the Novel Marine Macrolide Iejimalide.*

Current Position: Post-doctoral fellow, Indiana University School of Medicine, South Bend, IN

B. In Progress

Randy Jeffrey M.D./Ph.D.(Indiana University/University of Notre Dame, Notre Dame Indiana) expected Spring 2009.
Thesis Title: Transcriptome based analysis of the Effects of Casodex in Models of Early Stage Prostate Cancer.

Sarah Mordan-McCombs Ph.D. (University of Notre Dame Notre Dame, Indiana) expected Spring 2009.

Thesis Title: *Role of the Vitamin D Receptor in the Progression of Prostate Cancer in LPB-Tag Transgenic Mice.*

Wei-Lin (Winnie) Wang (State University of New York at Albany) expected Spring 2011 *Attenuation of cell death signaling by vitamin D responsive genes in androgen dependent prostate cancer cells.*

Namita Chatterjee (State University of New York at Albany) expected Spring 2011 *Role of p53 acetylation in transactivation of genes that regulated cell cycle and cell death in inflammatory breast cancer.*

POST-DOCTORAL AND VISITING SCIENTIST SUPERVISION

Dr. Yves Valotaire, Visiting Scientist, L'Université de Rennes, Rennes, France (Sabbatical Leave, May 1984-September 1984).

Dr. Catherine LeGuellec, Visiting Scientist, L'Université de Rennes, Rennes, France (Sabbatical Leave: January 1985-January 1986).

Dr. Ian MacDonald, Medical Research Council Post-Doctoral Fellow (May 1985-June 1986)
Current Position: Chief, Ophthalmic Genetics and Visual Function Branch, National Eye Institute, Bethesda Maryland.

Dr. Wilfried Bursch, Institute for Cancer Research and Toxicology, University of Vienna, Vienna, Austria (Sabbatical Leave: May 1986-May 1987).

Dr. Lars Daehlin, Department of Surgery, Haukeland Hospital, University of Bergen, Bergen, Norway (Sabbatical Leave: June 1987-June 1988).

Dr. Chiayeng Wang, Medical Research Council Post-Doctoral Fellow (February 1988- September 1988).
Current Position: Associate Professor, University of Illinois at Chicago, Chicago, Illinois.

Dr. Marilyn Mooibroek, Postdoctoral Assistant, Department of Biochemistry, University of Ottawa, May 1990- April 1994.

Current Position: Director and President, Alberta Science Literacy Association; Post-doctoral Program Co-ordinator, Medical School, University of Calgary, Alberta.

Dr. Mark Wilson, Australian Medical Research Council Post-Doctoral Fellowship (January 1993-January 1994).
Current Position: Associate Professor, Department of Biological Sciences, University of Wollongong, Wollongong, Australia.

Dr. Douglas Johnson, Department of Biology, University of Ottawa, Ottawa, Ontario (Sabbatical Leave: June 1996-July 1997).

Dr. Steffany Bennett, Alzheimer's Society of Canada Post-doctoral Fellow, W. Alton Jones Cell Science Center, (January 1995-October 1997).

Current Position: Associate Professor, Department of Biochemistry, Microbiology and Immunology, University of Ottawa, Ottawa, Ontario, Canada.

Dr. Reginald Halaby, Post-doctoral Fellow, Adirondack Biomedical Research Institute, (May 1997-Sept 1998)
Current Position: Associate Professor, Department of Biology, Montclair State University, Upper Montclair, New Jersey.

Dr. Hailun Tang, Research Scientist, Adirondack Biomedical Research Institute, (June 1994-July 1998); Research Assistant Professor, University of Notre Dame (August, 1998-July 1999).

Current Position: Research Associate, Department of Biochemistry, University of Toronto, Canada.

Dr. Colm Morrissey Post-doctoral Fellow Department of Biological Sciences, University of Notre Dame, Notre Dame IN) December 1999- August 2001.

Current Position: Acting Assistant Professor, Department of Urology, University of Washington Seattle, WA.

Dr. Kerry Gilmore, Postdoctoral Fellow Walther Cancer Institute and Department of Biological Sciences, University of Notre Dame, IN May 2000-2003

Current Position: Assistant Lecturer, Department of Biological Sciences, University of Wollongong, NSW, Australia.

Dr. Oliver Zierau Visiting Post-doctoral Fellow, Adirondack Biomedical Research Institute (May-June 1998) and Department of Biological Sciences, University of Notre Dame, IN (October 1999; July-September 2000). Supported by Collaborative Research Award from NATO to Professors Gunther Vollmer and Martin Tenniswood) Current Position: Assistant Professor, Institute of Zoology, Technical University of Dresden, Germany

Dr. Kathryn Packman, Post-doctoral Fellow Department of Biological Sciences, University of Notre Dame, Notre Dame IN) August 2000-April 2002
(Supported by a post-doctoral award from the American Cancer Society)
Current Position: Principal Scientist, Head In vivo Biology, Hoffman-Roche NJ

Dr. Louise Flanagan Post-doctoral Fellow, Department of Biological Sciences, University of Notre Dame, Notre Dame IN) August 2000-August 2004.
(Supported by Post-doctoral awards from the Susan G. Komen Breast Cancer Research Foundation and the USAMRMC, Breast Cancer Research Program)
Current Position: Senior Medical Scientist, National Cancer Screening Service, Dublin Ireland.

Tsuyuki Nishino, Visiting Pre-doctoral Student, Technical University of Munich, Federal Republic of Germany, February 2003- 2006
Current Position: Toxicologist, BASF, Ludwigshafen, Germany

James Keith, Post doctoral Fellow Department of Biological Sciences, State University of New York at Albany June 2008-present

UNDERGRADUATE RESEARCH SUPERVISION

A. University of Ottawa, Ottawa, Ontario Canada

Johnathon Lakins: Characterization of androgen independent rat prostate epithelial cells.
Subsequent degree: Ph.D. University of Ottawa (1998)
Current Position: Specialist, Institute Regenerative Medicine and Stem Cell Research, University of California San Francisco, San Francisco, CA

Deborah Crozier: Restriction fragment length polymorphism analysis of Norrie's disease.
Subsequent degree: M.D. University of Ottawa (1995)
Current Position: Physician, Private Practice, Ottawa ON

Srikala Sridhar: Gene Expression During Apoptosis in Neuronal Cell Culture
Subsequent degree: M.Sc., University of Ottawa (1997), MD, University of Toronto (2002)
Current Position: Staff Oncologist, Princess Margaret Hospital, Toronto ON

B. Clarkson University, Potsdam

Sean Speese: McNair Summer student, Clarkson University, Potsdam, NY (1996-1997): Functional characterization of embigin.
Subsequent Degrees: BS, Clarkson (1998) Ph.D., University of Utah (2005)
Current Position: Post-doctoral fellow, University of Massachusetts, Worcester, MA

C . University of Notre Dame , Notre Dame, IN

Multi-semester Mentored Undergraduate Research

Adam Buser: The effects of aging and green tea consumption on the development of urogenital tumors in the LOBUND-Wistar rat.
Subsequent Degrees: BS, University of Notre Dame (1999); Ph.D. University of Colorado (2006)
Current Position: Post-doctoral Fellow, Baylor College of Medicine

Matt Brush: The effects of (-) epigallocatechin gallate (EGCG) on prostate cancer cells in vitro
Subsequent Degrees: BS, University of Notre Dame (1999); Ph.D. Duke University (2006)
Current Position: Post-doctoral Fellow, University of Massachusetts, Amherst MA

Vivian Su: The effect of clusterin over-expression on the sensitivity of MCF-7 breast cancer cells to selective estrogen response modifiers (SERMs)

Subsequent Degrees: BS, University of Notre Dame (1999); Ph.D. University of Massachusetts (2006)

Current Position: Post-doctoral Fellow, Cancer Center, University of Hawaii

Susan Hudacheck, The effect of Bcl-2 over-expression on the sensitivity of MCF-7 breast cancer cells to anti-estrogens

Subsequent Degree: BS, University of Notre Dame (1999); Ph.D. Colorado State (2006).

Current Position: Post-doctoral Fellow Colorado State

John Scolaro: Changes in the Hormonal Sensitivity in the Ventral Prostate of Aging Sprague-Dawley Rats

Subsequent Degree: Subsequent Degree: BS, University of Notre Dame (2000); M.Med.Sci., Boston University, (2002) Boston MA

Current Position: Medical student, Boston University School of Medicine

Ihuoma (Nikkie) Okezie: Hormone regulation of prostate cancer progression.

CANDAX/ McNair Summer student, Xavier University of Louisiana:

Subsequent Degree: BS, Xavier University (2001)

Current Position : Medical Student, Medical School, University of Georgia

Jamie Rojas, Expression of estrogen receptor alpha and beta in breast cancer cell lines.

REU student, University of Notre Dame:

Subsequent Degree: BS, University of Notre Dame (2001)

Current Position: Medical Student, Southwestern Medical School, Dallas, TX

Alejandro Aquinas: Effects of tamoxifen and other SERMs on RUCB-1 cells, an estrogen responsive endometrial cell line.

Subsequent Degree: BS, University of Notre Dame (2001)

Current Position: Medical Student University of Southern Illinois Medical School

Ryan Majcina: Effects of tamoxifen and other SERMs on RUCB-1 cells, an estrogen responsive endometrial cell line.

Subsequent Degree: BS University of Notre Dame (2001)

Current Position: Medical Student Southern Illinois Medical School

Gerry DeGregoris: Effect of clusterin over-expression on MCF-7 cell growth

Subsequent Degree: BS, University of Notre Dame (2002)

Current Position: Medical Student, University of Buffalo Medical School

Christine Dehmer: Differential effects of tamoxifen and the pure anti-estrogen ICI 162,780 on MCF-7 cells.

Subsequent Degree: BS, University of Notre Dame (2002)

Current position: M. Ed. Candidate, Alliance for Catholic Education

Katie Hesmond: Differential binding of tamoxifen and ICI 162,780 to estrogen receptor alpha and beta.

Subsequent Degree: BS, University of Notre Dame (2002)

Current Position: M. Ed. Candidate, Alliance for Catholic Education.

Jennie Hurley: Effects of clusterin over-expression on metastatic progression and therapy in an orthotopic model of breast cancer.

Subsequent Degree: BS University of Notre Dame (2003)

Current position: Medical Student, Indiana University Medical School

Mike Mann: Histological analysis of the effects of anti-androgen in a orthotopic xenograft model of prostate cancer

Subsequent Degree: BS, University of Notre Dame (2003)

Current Position Medical Student, MD/MPH program, Boston University

David Miller: Design, synthesis and QSAR analysis of inhibitors of NAALADase as new marker of prostate cancer.

Subsequent Degree: BS, University of Notre Dame (2004)

Current Position: Graduate Student, Department of Chemistry, University of Wisconsin, Madison WI

Caroline Wagner: Differential binding of tamoxifen and ICI 182,780 to estrogen receptor alpha and beta.

Subsequent Degree: BS, University of Notre Dame (2004)

Current Position: PhD. Candidate, University of Wisconsin, Madison, WI

Natalie Weathered: Induction of apoptosis in androgen receptor positive and negative prostate cell lines by epigallocatechin gallate.

Subsequent Degree: BS, University of Notre Dame (2004)

Current Position: Medical Student, University of Utah Medical School, Salt Lake City, UT

Austin Chen: Developmental effects of vitamin D receptor knockout in the mouse prostate.

Subsequent Degree: BS, University of Notre Dame (2004)

Current position: Graduate Student, Loyola University, Chicago IL

Janice Lopez Comparative Effects of casodex on gene expression in androgen receptor positive LNCaP and PC-346C prostate cancer cells.

Subsequent Degree: BS, University of Notre Dame (2005)

Current Position: Technician, University of Texas, San Antonio, TX

Jennifer Welsh: Analysis of histone deacetylase inhibitors in androgen dependent and independent cells lines.

Subsequent Degree: BS, University of Notre Dame (2005)

Current Position: Technician, Prosetta Inc. San Francisco, CA

Erin Barker: Functional analysis of the effects of anti-androgens on androgen receptor negative cell lines.

Subsequent Degree: BS, University of Notre Dame (2005)

Current Position: Medical Student

Byungl-Chul Park: Histological analysis of tumor development in response to EGCG and Casodex in orthotopic models of prostate cancer

Subsequent Degree: BS, University of Notre Dame (2006)

Current Position: Post-baccalaureate program, University of Wisconsin

Edward Brown: Role of vitamin D receptor in tumor progression in a transgenic model of prostate cancer.

Subsequent Degree: BS, University of Notre Dame (2007)

Current Position: Medical Student, Indiana School of Medicine

Edward Devitt: Analysis of the effects of drugs and natural products on centrosome cycle and DNA synthesis in prostate cancer cells.

Subsequent Degree: BS, University of Notre Dame (2007)

Current Position: Investment Banker Goldman and Sachs (Biotechnology Investment)

Travis Taylor: Comparison of the effect of histone deacetylase inhibitors on cell cycle progression and apoptosis in prostate and breast cancer cells.

Subsequent Degree: BS, Indiana University South Bend (2007)

Current Position: Medical Student Temple University

Nick Kluesner: Effect of the marine macrolide lejimalide B on cell cycle kinetics and V-ATPase activity

Subsequent Degree: BS, University of Notre Dame (2008)

Lisa Zickuhr: Analysis of VEGF expression in LNCaP cells after treatment with Casodex

Subsequent degree: BS, University of Notre Dame (2008)

Megan Rybarczyk: Vitamin D mediated transcription in prostate cancer cells

Current Position: Senior, Department of Biological Sciences, University of Notre Dame

Andrew Knutson: Comparison of the effects of histone deacetylase inhibitors on gene expression in p53+/+ cell lines (Honorable Mention, American Society of Biochemistry and Molecular Biology Undergraduate Poster Presentation, Experimental Biology, San Diego, 2008)

Current position: Senior, Department of Biological Sciences, University of Notre Dame

Queen's University Co-op Program (external co-ordinator 1997-present)

(8 month co-op placement for junior and senior undergraduate students from the Department of Biochemistry, Queen's University)

Mark Brown: Evaluation of apoptosis by flow cytometry

Subsequent Degree: B.Sc. (Hons), Queen's University (1998)

Current Position: Pharm. D. candidate, Purdue University, West Lafayette, IN

Edmund Lee, Anti-androgen induced gene expression in prostate cancer

Subsequent Degrees: B.Sc. (Hons), Queen's University (1999); Ph.D., University of Notre Dame (2003).

Current Position: Senior Research Scientist Millennium Pharmaceuticals Cambridge MA

Randy Jeffrey: Histone deacetylase inhibitors as an adjuvant therapy for prostate cancer

Subsequent Degree: B.Sc. (Hons), Queen's University (2000)

Current Position: MD/PhD candidate, Indiana University/ University of Notre Dame joint program

Jeffrey Dawson: Abrogated cell death and progression of breast cancer after anti-estrogen therapy.

Subsequent Degree: B.Sc. (Hons), Queen's University (2005)

Current Position: Medical Student, University of Toronto, Toronto ON

Chris Denis: Changes in gene expression after anti-androgen therapy.

Current Position: Graduate Student, Queen's University, Kingston ON Canada

Winnie Wang, The effect of lejimalide B, a marine macrolide on cell cycle kinetics and apoptosis in prostate cancer.

Current Position: Graduate Student, Department of Biomedical Sciences, School of Public Health, SUNY Albany, NY

GRANTING HISTORY**Awards Held at the University of Ottawa (1983-1994):****A) Medical Research Council:**

Control of Gene Expression in the Rat Ventral Prostate (MT-8323)

1982-1984 \$38,000 per annum

1984-1986 \$42,612 per annum

1986-1988 \$44,000 per annum

1988-1991 \$65,000 per annum

1991-1994 \$96,465 per annum

Intermediate Filaments and the Mallory Bodies (MA-8606)

1989-1993 \$112,000 per annum

B) National Cancer Institute of Canada:

Gene Expression in Human Prostate Cancer

1986-1989 \$44,000 per annum

Identification and Cloning of Genes Involved in Programmed Cell Death

1990-1993 \$67,000 per annum

1993-1994 \$30,000 per annum

C) La Societ  De Recherche Sur Le Cancer

Gene Expression in Prostate Cancer

1984-1985 \$20,000 per annum

Papillomavirus and Prostate Cancer (in collaboration with Dr. Jos  Campione-Piccardo, Laboratory Centre for Disease Control, Tunney's Pasture, Ottawa)

1987-1988 \$20,000 per annum

Cytoskeleton in the Rat Ventral Prostate

1988-1990 \$38,000 per annum

1990-1992 \$52,000 per annum

D) National Retinitis Pigmentosa Foundation

Gene Mapping of X-Linked Choroideremia with Restriction Fragment Length Polymorphisms (in collaboration with Dr. Ian MacDonald, Department of Genetics, Children's Hospital of Eastern Ontario, Ottawa and Department of Ophthalmology, University of Ottawa)

1984-1985 \$16,000 per annum

1985-1986 \$47,000 per annum

Gene Mapping of Ophthalmic Diseases (in collaboration with Dr. Ian MacDonald, Department of Ophthalmology, University of Ottawa)

1986-1987 \$38,000 per annum

1987-1988 \$35,000 per annum

1988-1989 \$35,000 per annum

1989-1991 \$47,500 per annum

Awards Held at the W. Alton Jones Cell Science Center (1994-1998)**A) HUMAN FRONTIER SCIENCE PROGRAM**

Androgen Dependent Mesenchymal Genes Encoding Epithelial Morphogens (in collaboration with Dr. Jerry Cunha, San Francisco and Dr. Y. Sugimura, Mie University, Tsu-City, Japan)

1993-1996 \$160,000 US per annum direct costs

B) AMERICAN INSTITUTE FOR CANCER RESEARCH

Vitamin D and Active Cell Death in Breast Cancer Cells (in collaboration with Dr. Jo Ellen Welsh,
1993-1995 \$55,000 US per annum direct costs

C) NATIONAL INSTITUTES OF HEALTH

USPHS, NATIONAL CANCER INSTITUTE, RO1 CA69700-10

PI: Jo Ellen Welsh; Co-PI Tenniswood)

Vitamin D, Apoptosis and Survival of Breast Cancer Cells

09/30/95-06/30/99

\$140,728 US per annum direct costs

\$210,521 US per annum total costs

NIH/NCI (RO1-CA69233-01, PI: Martin Tenniswood)

Control of Apoptosis by IGF-I in Prostate and Breast

02/01/96- 01/31/00

\$150,239 US per annum direct costs

\$ 245,235 US per annum total costs

NIH/NCI (RO1-CA69233-01S1, PI: Martin Tenniswood)

Minority Supplement to Control of Apoptosis by IGF-1 in Prostate and Breast

07/021/97-01/31/00

\$40,640 US per annum direct costs

\$62,730 US per annum indirect costs

NIH/NIA (R13 AG14911-01 PI Martin Tenniswood)

1997 Gordon Conference on Cell Death

06/29/97-07/03/97

\$25,230 direct costs

D) US Army Medical Research and Materiel Command)

DAMD17-97-1-7268 (PI: Martin Tenniswood)

Apoptosis and Tumor Invasion in Breast Cancer

08/01/97-073/31/00

\$84,846 US per annum direct costs

\$142,030 US per annum total costs

Awards Held at University of Notre Dame (1998-present)**1. Active****A) NATIONAL INSTITUTES OF HEALTH**

USPHS, NATIONAL CANCER INSTITUTE, RO1 CA69700-10 2001-2010

(PI: Welsh, Co-PI: Tenniswood)

Vitamin D, apoptosis and survival of breast cancer cells

07/01/01-06/31/05

\$225,000 US per annum direct costs

\$325,000 US per annum total costs

07/01/05-06/31/10

\$225,000 US per annum direct costs

\$325,000 US per annum total costs

USPHS, NATIONAL CANCER INSTITUTE, RO1 CA101114-01 2003-2008
 (PI: Welsh, Co-PI: Tenniswood)
 Calcium, Vitamin D and prostate cancer
 07/01/03-06/30/08 \$222,000 US per annum direct costs
 \$330,190 US per annum total costs

B) US ARMY MEDICAL RESEARCH AND MATERIEL COMMAND

DEPARTMENT OF DEFENSE BCRP 17-97-1-7268 (PI: Martin Tenniswood)
 Apoptosis and Tumor Invasion in Breast Cancer
 08/01/97-073/31/99 \$84,846 US per annum direct costs
 one year no cost extension \$142,030 US per annum total costs

DEPARTMENT OF DEFENSE BCRP 17-01-1-0587 (PI: Martin Tenniswood)
 Assessment of the tendency of SERMs (Tamoxifen and Raloxifene) to Induce a Metastatic Phenotype
 in Breast Cancer in a Chemopreventive Setting.
 06/01/01-05/31/02 \$50,000 US per annum direct costs
 \$75,000 US per annum total costs

DEPARTMENT OF DEFENSE PCRP 17-02-1-0114-P1 (PI: Martin Tenniswood)
 Apoptosis and Tumor Progression Following Anti-Androgen Therapy for Prostate Cancer.
 01/01/02-12/31/04 \$125,000 US per annum direct costs
 \$185, 831 US per annum total costs

C) AUSTRALIAN RESEARCH COUNCIL IREX
 Molecular and Cellular Studies of Genetically Engineered Clusterin, a Novel Chaperone Protein.
 [Travel Award for graduate student exchange program]
 10/01/00-09/30/02 \$ 12,000

Personnel Awards :

Susan G. Komen Foundation DISS 0100719
 Pre-doctoral Dissertation Scholarship for Lorna Whyte
 10/01/01-09/30/03 \$30,000 per annum

Susan G. Komen Foundation PDF 0100719
 Post-doctoral Fellowship for Louise Flanagan
 10/01/01-09/30/03 \$50,000 per annum

DAMD 17-02-1-0527 (PI: Martin Tenniswood)
 Heterotypic Interactions in Progression of Breast Cancer
 Post-doctoral Support for Louise Flanagan
 10/01/02-09/30/05 \$50,000 per annum direct costs
 \$ 64,256 per annum total costs

Coleman Foundation (no number assigned) (PI Martin Tenniswood)
 Interaction Between Green Tea and Standard Anti-androgen Therapy for Prostate Cancer
 08/01/02-07/31/03 \$ 65,000 US per annum direct costs
 No indirect costs assessed

2.Pending

RO-1CA107970-01 (PI Martin Tenniswood; co PI Welsh)

Interaction between Dietary supplements and standard therapy for localized prostate cancer
07/01/07-06/30/12 \$225,000 US per annum direct costs
\$325,000 US per annum total costs

Number not yet assigned: (PI Martin Tenniswood)

Acetylation of p53 and other transcription factors as a novel therapeutic target for prostate
07/01/06-06/30/11 \$225,000 US per annum direct costs
\$325,000 US per annum total costs

1T32GM079081-01 (PI Martin Tenniswood, and 25 others)

Cellular, Biochemical and Molecular Sciences Training at Notre Dame
07/01/07-06/30/12 \$1,002,987 US per annum direct costs
\$2,110,761 US per annum total costs

CONTRACTS AWARDED**Contracts Held at University of Ottawa (1983-1994)****A) *Bionetics Research Incorporated (Rockville, Maryland)***

Induction of Cell Death in the Prostate

1989-1991

\$65,000 US per annum, direct costs

\$85,000 US per annum, total costs

B) *Eli Lilly and Company (Indianapolis, Indiana)*

Epithelial-Stromal Interactions in Benign Prostatic Hyperplasia

1989-1993

\$22,000 US per annum, direct costs

\$32,000 US per annum, direct costs

Contracts Held at W. Alton Jones Cell Science Center (1994-1998)**C) *Argonex Incorporated (Charlottesville, Virginia)* PI: Dr. T. Y. Chen (University of Virginia)**

Inhibitors of NAALADase Activity for Drug Targeting to the Prostate

1996-1997

\$50,000 US per annum, direct costs

1997-1998

150,000 US per annum direct costs

Contracts Held at University of Notre Dame (1998-present)**D) *Circagen Pharmaceuticals LLC (Phoenix, Delaware)***

Histone Deacetylase Inhibitors and Prostate Cancer

2001-2002

\$141,000 US per annum direct costs

Society Memberships

Canadian Biochemical Society 1984-present

Society for Basic Urologic Research 1989-present

Canadian Urological Oncology Group 1994- 2000

American Society of Andrology 1995-present

American Association for the Advancement of Science 1997-present

International Cell Death Society 1997-present

Endocrine Society 2001-present

PUBLICATIONS

1) Papers in Referred Journals

1. Brown, S.A., and Tenniswood, M.P. (1974) Aberrant Coumarin Metabolism in Crown Gall Tumour Tissue. *Canadian Journal of Botany* 52:1091-1094.
2. Tenniswood, M.P., Bird, C.E. and Clark, A.F. (1976) Acid Phosphatases: Androgen Dependent Markers of Rat Prostate. *Canadian Journal of Biochemistry* 54:350-357.
3. Jackson, A.C., Tenniswood, M.P., Bird, C.E. and Clark, A.F. (1977) Effects of Androgen and Estrogen Administration on the Weights of the Ventral Prostate, Seminal Vesicles, and Testes of Immature Rats. *Investigative Urology* 14:350-355.
4. Tenniswood, M.P., Abrahams, P., Bird, C.E. and Clark, A.F. (1978) Effects of Castration and Androgen Replacement on Acid Phosphatase Activity in the Adult Rat Prostate Gland. *Journal of Endocrinology* 77:301-308.
5. Tenniswood, M.P., Abrahams, P., Bird, C.E. and Clark, A.F. (1978) Effects of 3β -Androstenediol and 5β -Dihydrotestosterone on Acid Phosphatase Activity in the Adult Rat Prostate Gland. *Journal of Endocrinology* 79:9-16.
6. Tenniswood, M.P., Abrahams, P., Bird, C.E. and Clark, A.F. (1981) Small doses of 5α -Dihydrotestosterone Mimic the Effect of 5α -Androstane- 3β - 17β -diol on Acid Phosphatase Activity in the Adult Rat Prostate Gland. *Molecular and Cellular Endocrinology* 22:223-229.
7. Tenniswood, M.P., Bird, C.E. and Clark, A.F. (1981) Kinetics of in vivo 5α -Androstane- 3β - 17β -diol Metabolism in Adult Normal and Castrated Rats. *Journal of Steroid Biochemistry* 14:199-204.
8. Bird, C.E., Houghton, B., Westenbrink, W., Tenniswood, M.P., Stearns, E.E. and Clark, A.F. (1981) Estradiol Receptor Assay: Results from Human Breast Carcinoma. *Canadian Medical Association Journal* 124:1010-1012.
9. Tenniswood, M.P., Abrahams, P., Winterton, V., Bird, C.E. and Clark, A.F. (1982) Binding of Testosterone, 5α -Dihydrotestosterone and 5α -Androstane-(3α - and 3β -), 17β -diols to Serum Proteins in the Rat. *Journal of Steroid Biochemistry* 16:617-620.
10. Tenniswood, M.P., Bird, C.E. and Clark, A.F. (1982) The Role of Androgen Metabolism in the Control of Androgen Action in the Rat Prostate. *Molecular and Cellular Endocrinology* 26:89-96.
11. Tenniswood, M.P. and Simpson, A.J.G. (1982) The Extraction and Characterization and in vitro Translation of RNA from Adult *Schistosoma mansoni*. *Parasitology* 84:253-261.
12. Tenniswood, M.P., Abrahams, P., Bird, C.E. and Clark, A.F. (1982) Age Associated Changes in Acid Phosphatase Characteristics in Rat Ventral Prostate and Other Organs. *Archives of Andrology* 9:283-291.
13. Tenniswood, M.P., Wolffe, A.P., Searle, P.S. and Tata, J.R.. (1983) Rapid Estrogen Metabolism and Vitellogenin Gene Expression in *Xenopus* Hepatocyte Cultures. *Molecular and Cellular Endocrinology* 30:329-345.
14. Robinson, D.O., Tenniswood, M.P., Hermon-Taylor, J. and Bailey, D.S. (1983) The Guinea Pig Enterocyte as a Model to Investigate Gene Expression: Isolation of Enterocyte RNA for Molecular Cloning. *Biochemical Society Transactions* 11:169-170.
15. Tenniswood, M.P., Abrahams, P., Bird, C.E. and Clark, A.F. (1984) Anti-Androgens Do Not Alter Androgen Dependent Characteristics of Acid Phosphatase in the Rat Ventral Prostate. *Molecular Cellular Endocrinology* 37:153-158.
16. Valotaire, Y., Tenniswood, M.P., Le Guellec, C. and Tata, J.R. (1984) The Preparation and Characterization of Vitellogenin Messenger RNA from Rainbow Trout. *Biochemical Journal* 217:73-77.

17. Wolffe, A.P., Glover, J.F., Martin, S.C., Tenniswood, M.P., Williams, J.L. and Tata, J.R. (1985) De-induction of Transcription of Xenopus 74kDa Albumin Genes and Destabilisation of mRNA by Estrogen in vivo and in Hepatocyte Cultures. *European Journal of Biochemistry* 146:489-496.
18. Maitre, J.-L., Le Guellec, C., Derren, S., Tenniswood, M.P. and Valotaire, Y. (1985) Measurement of Vitellogenin from Rainbow Trout by Rocket Immunoelectrophoresis: Application to the Kinetic Analysis of Estrogen Stimulation in the Male. *Canadian Journal of Biochemistry and Cell Biology* 63:982-987.
19. Montpetit, M.M., Lawless, K.R. and Tenniswood, M.P. (1986) Evidence for an Androgen Repressed mRNA in the Rat Ventral Prostate. *Prostate* 8:25-36.
20. Tenniswood, M.P. (1986) The Role of Stromal -Epithelial Interactions in the Control of Gene Expression in the Prostate; An Hypothesis. *Prostate* 9:375-385.
21. Polomeno, R.C., Zeesman, S., MacDonald, I.M., Crozier, D.G., Tenniswood, M.P. and Kaplan, P. (1987) Norrie's Disease: Variability within a French Canadian Kindred. L1.28 uninformative. *Canadian Journal of Ophthalmology* 22:21-23.
22. MacDonald, I.M., Sandre, R.M., Wong, P., Hunter, A.G.W. and Tenniswood, M.P. (1987) Linkage Relationships of X-Linked Choroideremia to DXYS1 and DXS3. *Human Genetics* 77: 233-235.
23. Léger, J.G., Montpetit, M.L. and Tenniswood, M.P. (1987) Characterization and Cloning of Androgen Repressed mRNAs from Rat Ventral Prostate. *Biochemical and Biophysical Research Communications* 147:196-203.
24. MacDonald, I.M., Sandre, R.S., Hunter, A.G.W. and Tenniswood, M.P. (1987) Gene Mapping of X-Linked Choroideremia using Restriction Fragment Length Polymorphisms. *Canadian Journal of Ophthalmology* 22:310-315.
25. Montpetit, M.L., Abrahams, P., Clark, A.F. and Tenniswood, M.P. (1988) Androgen Independent Epithelial Cells of the Rat Ventral Prostate. *Prostate* 12:13-28.
26. Rutledge, R.G., Seligy, V.L., Ct, M.-J., Dimock, K., Lewin, L.L. and Tenniswood, M.P. (1988) Rapid Synthesis and Cloning of Complementary DNA from any RNA Molecule into Plasmid and Phage M13 Vectors. *Gene* 68:151-158.
27. Le Guellec, C., Lawless, K.R. and Tenniswood, M.P. (1988) Vitellogenin Gene Expression in Male Rainbow Trout (Salmo gairdneri). *General and Comparative Endocrinology* 71:359-371.
28. Léger, J.G., Le Guellec, R. and Tenniswood, M.P. (1988) Treatment with Anti-Androgens Induce Androgen Repressed Messages in the Rat Ventral Prostate. *Prostate* 13:131-142.
29. Montpetit, M.L. and Tenniswood, M.P. (1988) Does the Lack of Androgen-Repressed Death Associated mRNA Expression Render a Rat Ventral Prostate Epithelial Cell Line Androgen Independent? *Journal of Cellular Biochemistry* 39:285-292.
30. Wong, P., MacDonald, I. and Tenniswood, M.P. (1989) Use of the Polymerase Chain Reaction for the Differential Cross Screening of Libraries Cloned into Phage Lambda Based Vectors. *Gene* 85:59-65.
31. Montpetit, M.L. and Tenniswood, M.P. (1989) The Separation of Mature Rat Ventral Prostate Epithelial and Fibroblast Cells. *Prostate* 15:315-325.
32. Bursch, W., Kleine, L. and Tenniswood, M.P. (1990) The Biochemistry of Programmed Cell Death. *Biochemistry and Cell Biology* 68:1071-1074.
33. Rouleau, M., Léger, J.G. and Tenniswood, M.P. (1990) Ductal Heterogeneity of Cytokeratins, Gene Expression and Cell Death in the Rat Ventral Prostate. *Molecular Endocrinology* 4:2003-2013.
34. Tenniswood, M.P., Guenette, R.S., Lakins, J.G., Mooibroek, M., Wong, P. and Welsh, J.E. (1992) Active Cell Death in Hormone Dependent Tissues. *Cancer and Metastasis Reviews* 11: 197-220.

35. Smith, F.F., Mertz, J.R., Krebs, I., Tres, L.L., Chae, C.-B., Zakeri, Z., Engelhardt, J.A., Hoover, D.M., Tenniswood, M.P., and Kierszenbaum, A.L. (1992) Rat Sertoli and Spermatogenic Cells Express S35-S45/SGP-2/TRPM-2 mRNA but the Processing of the Protein Product is Different. *Molecular and Reproductive Development* 33:363-372.
36. Zakeri, Z., Curto, M., Hoover, D.M., Wightman, K.A., Engelhardt, J.A., Smith, F.F., Kierszenbaum, A., Gleeson, T. and Tenniswood, M.P. (1992) Developmental Expression of the S35-S45/SGP-2/TRPM-2 in Rat Testis and Epididymis. *Molecular and Reproductive Development* 33:73-384.
37. Wong, P., MacDonald, I.M., Sood, R., Smith, C., Pilon, R. and Tenniswood, M.P. (1993) Identification and Partial Characterization of a Candidate Gene for X-Linked Retinopathies Using a Lateral Approach. *Genomics* 15:467-471.
38. Wong, P., Pineault, J.M., Lakins, J., Taillefer, D., Léger, J.G., Wang, C. and Tenniswood, M.P. (1993) Genomic Organization and Expression of the Rat TRPM-2 (Clusterin) Gene, a Gene Implicated in Apoptosis. *Journal of Biological Chemistry* 268:5021-5031.
39. Wong, P., Myal, Y., Shiu, R. and Tenniswood, M. (1993) Identification of a New Category of DNA Fragments Which Are Poorly Represented in Human Genomic Libraries: Analysis of the Human Prolactin Inducible Gene (PIP). *Biochemical and Biophysical Research Communications* 190:453-461.
40. Guenette, R.S., Daehlin, L. Mooibroek, M., Wong, K., and Tenniswood, M.P. (1994) Thanatogen Expression during Involution of the Rat Ventral Prostate after Castration. *Journal of Andrology* 15:200-211.
41. Rennie, P.S., Bruchofsky, N., Akakura, K., Goldenberg, S.L., Otal, N., Akakura S., Wong, P., and Tenniswood, M. (1994) Effect of Tumor Progression on the Androgenic Regulation of TRPM-2 and YPT1 Genes in the Shionogi Carcinoma. *Journal of Steroid Biochemistry and Molecular Biology* 50:31-40.
42. Guenette, R.S., Corbeil, H.B., Léger, J., Wong, K., Mezl, V., Mooibroek, M. and Tenniswood, M.P. (1994) Induction of Gene Expression During Involution of the Lactating Mammary Gland of the Rat. *Journal of Molecular Endocrinology* 12:47-60.
43. Wong, P., Taillefer, D., Lakins, J., Pineault, J., Chader, G. and Tenniswood, M.P. (1994) Molecular Characterization of Human TRPM-2/Clusterin, a Gene Associated with Sperm Maturation, Apoptosis and Neurodegeneration. *European Journal of Biochemistry* 221:917-925.
44. Guenette, R.S., Mooibroek, M., Wong, K., Wong, P. and Tenniswood, M.P. (1994) Cathepsin B, a Cysteine Protease Implicated in Metastatic Progression, is also Expressed during Regression of the Rat Prostate and Mammary Glands. *European Journal of Biochemistry* 226:311-321.
45. Guenette, R.S. and Tenniswood, M. (1994) The Role of Growth Factors in the Suppression of Active Cell Death in the Prostate: An Hypothesis. *Biochemistry and Cell Biology* 72:553-559.
46. Ahuja-Singh, H., Tenniswood, M.P., Lockshin, R.A. and Zakeri, Z. (1994) Expression of TRPM-2/Clusterin in Cell Differentiation and Cell Death. *Biochemistry and Cell Biology* 72:523-530.
47. Wong, P., Borst, D., Farber, D., Danciger, J.S., Tenniswood, M.P., Chader, G.J. and van Veen, T. (1994) Increased TRPM-2/Clusterin mRNA Levels During the Time of Retinal Degeneration in Mouse Models of Retinitis Pigmentosa. *Biochemistry and Cell Biology* 72:439-446.
48. Bursch, W., Gleeson, T., Kleine, L. and Tenniswood, M.P. (1995) Expression of Testosterone-Repressed Prostate Message (TRPM-2) during Growth and Regression of Rat Liver. *Archives of Toxicology* 69:253-258.
49. Zakeri, Z., Bursch, W., Tenniswood, M. and Lockshin, R.A. (1995) Cell Death: Programmed, Necrosis or Other? *Cell Death and Differentiation* 2:83-92.
50. Savory, J.G.A., May, D., Reich, T., LaCasse, E.C., Lakins, J., Tenniswood, M.P., Raymond, Y., Hach, R., Sikorska, M. and Lefebvre, Y.A. (1995) Localization of Rat 5 α -Reductase Type 1 to the Outer Nuclear Membrane using a Specific Antibody. *Molecular and Cellular Endocrinology* 110:137-147

51. Welsh, J.E., Simboli-Campbell, M., Narvaez, C.J. and Tenniswood, M.P. (1995) Role of Apoptosis in the Growth Inhibitory Effects of Vitamin D in MCF-7 Cells. *Advances in Experimental Biology and Medicine* 375: 45-52.
52. Ahuja-Singh, H. Tenniswood, M.P. and Zakeri, Z.F. (1996) Differential Expression of Clusterin mRNA in the Testis and Epididymis of Postnatal and Germ Cell Deficient Mice. *Journal of Andrology* 17:491-501.
53. Nitsche, E.M., Moquin, A., Adams, P.S., Guenette, R.S., Lakins, J.N., Sinnecker, G.H.G., Kruse, K. and Tenniswood, M.P. (1996) Differential Display RT PCR of Total RNA From Human Fibroblasts for Investigation of Androgen-Dependent Gene Expression. *American Journal of Medical Genetics* 63:231-238.
54. Simboli-Campbell, M., Narvaez, C.J., Tenniswood, M.P. and Welsh, J.E. (1996) 1,25-Dihydroxyvitamin D₃ Induces Morphological and Biochemical Markers of Apoptosis in MCF-7 Breast Cancer Cells. *Journal of Steroid Biochemistry and Molecular Biology*. 58:367-376.
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2) Books

1. **Schering Research Foundation Workshop 14: Apoptosis in Hormone Dependent Tissues.** 1995 (Eds: Tenniswood, M. and Michna, H.) Springer-Verlag, Berlin, 249 pages with 59 figures and 18 tables.

2. **Cell Death in Reproductive Physiology.** 1997 (Eds. Tilly, J.L., Strauss, J.F. and Tenniswood, M.P.) Sero Symposia USA, Inc. Springer, New York, 305 pages with 76 figures.

3) Chapters in Books

1. Clark, A.F., Tenniswood, M.P., Bird, C.E., Flynn, T.G., Jacobs, F.A. and Abrahams, P. (1980) Hormonal Control of Prostatic Biochemical Markers. In: Clinics in Andrology. volume 6. Prostatic Carcinoma: Biology and Diagnosis, E.S.E. Hafez and E. Springer-Mills ed. Martinus Nijhoff Publishers, Hingham, MA., U.S.A., pp 98-108.

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4) Non-Referred Articles

1. Tenniswood, M.P. *Cell Death: The Other End of the Spectrum* In: *Current Concepts of Medical Oncology '93*. Memorial Sloan Kettering Cancer Center Publications. pp319-324, 1993.
2. Tenniswood, M.P. *Apoptosis and the Prostate*. In: *The Prostate Update*, April Issue, Canadian Urological Society (1995).

INVITED PRESENTATIONS

1. *Androgen Repressed Gene Expression in the Rat Ventral Prostate*. Department of Biochemistry, Memorial University, St. John's, Newfoundland, April 1985.
2. *Vitellogenin Gene Expression in Salmo gairdneri*. Department of Biology, Memorial University, St. John's, Newfoundland, April 1985.
3. *Do Androgen Repressed Genes Exist in Rat Ventral Prostate?* Department of Biochemistry, Dalhousie University, Halifax, Nova Scotia, April 1985.
4. *The Role of Stromal-Epithelial Interactions in the Morphogenesis of the Prostate*. The Steroid Club, Wellesley Hospital, Toronto, Ontario, March 1986.
5. *Androgen Repressed Gene Expression in the Rat Ventral Prostate*. Department of Biochemistry, Queen's University, Kingston, Ontario, April 1986.
6. *Androgen Repressed Gene Expression in the Rat Ventral Prostate*. Department of Biochemistry, M.D. Anderson Medical Center, Houston, Texas, November 1986.
7. *Hormonal Control of Cell Death in the Prostate*. Departments of Physiology and Anatomy, University of California, San Francisco, California, February, 1988.
8. *Androgen Repressed Gene Expression and Cell Death in the Prostate*. Department of Cancer Endocrinology, Cancer Control Agency of British Columbia, Vancouver, British Columbia, February, 1988.
9. *Genetic Control of Cell Death*. Department of Biochemistry, Cross Cancer Institute, University of Alberta, Edmonton, Alberta, February, 1988.
10. *Programmed Cell Death in the Prostate*. Ottawa Biochemistry and Biophysics Society Symposium on Cell Death and Senescence, Ottawa, Ontario, May 1988.
11. *Programmed Cell Death in the Prostate*. Bionetics Research Incorporated, Bethesda, Maryland, August, 1988.
12. *Programmed Cell Death in the Prostate*. Eli Lilly Corporation, Indianapolis, Indiana, September, 1988.
13. *Hormonal Control of Cell Death in the Prostate*. Department of Biochemistry, McGill University, Montreal, Quebec, February, 1989.
14. *Biochemistry of Apoptosis in the Prostate*. L'Institut du Cancer, Montréal, Qubec, July 1989.
15. *Epithelial-Stromal Interactions and Cell Death in the Prostate*. Department of Pathology, University of Ottawa, Ottawa, Ontario, November, 1989.
16. *Epithelial Stromal Interactions and Cell Death (apoptosis) in the Prostate*. Institut für Tumor-Biologie-Krebsforschung, University of Vienna, Austria, December, 1989.
17. *Programmed Cell Death in the Hormone Dependent Prostate*. Schering AG, Berlin, West Germany, December, 1989.
18. *Ductal Heterogeneity of Programmed Cell Death in the Prostate*. Micro-Symposium "Growth Control and Cell Death in the Prostate", Erasmus University, Rotterdam, December, 1989.
19. *Epithelial-Stromal Interactions and Control of Gene Expression in Cell Death*. Department of Toxicology, Greenfields Laboratories, Eli Lilly Corporation, Greenfields, Indiana, March, 1990.

20. *Gene Expression and Programmed Cell Death in the Prostate*. Departments of Pharmacology and Cell and Molecular Biology, Syracuse University, Syracuse, New York, April, 1990.
21. *Stromal-Epithelial Interactions and Programmed Cell Death in the Prostate*. Departments of Physiology and Biophysics, University of Medicine and Dentistry of New Jersey, Robert Wood Johnson Medical School, Busch Campus, Piscataway, New Jersey, May, 1990.
22. *Gene Expression in Prostate Cancer*. 7th National Cancer Institute of Canada Course on Oncology, McMaster University, Hamilton, Ontario, June, 1990.
23. *Ductal Heterogeneity of Gene Expression during Programmed Cell Death (Apoptosis) in the Prostate*. Toronto Citywide Urology Rounds, Sunnybrook Medical Center, Toronto, Ontario, June, 1990.
24. *Androgen Regulated Genes and Cell Death*. Gordon Conference On Reproductive Tract Biology, Brewster Academy, New Hampshire, July, 1990.
25. *Ductal Heterogeneity of Cell Death and TRPM-2 Expression in the Rat Prostate*. Third European Congress on Cell Biology. Firenze, Italy, September, 1990.
26. *State of the Art: Growth Factors, Oncogenes and Prostatic Growth*. International Testicular and Prostatic Cancer Conference. Toronto, Ontario, October, 1990.
27. *Epithelial-Stromal Interactions and the Hormonal Control of Gene Expression and Cell Death in the Prostate*. Department of Physiology, University of Western Ontario, London, Ontario, November, 1990.
28. *The Anatomical Localization of Gene Expression and Apoptosis in the Ventral Prostate Gland*. Department of Anatomy, University of Ottawa, Ottawa, Ontario, January, 1991.
29. *Molecular Mechanisms of Programmed Cell Death in the Rat Ventral Prostate*. L'Institut de Cancerologie, L'Hotel Dieu de Québec, Québec, PQ, February, 1991.
30. *Heterogeneity of Gene Expression in Programmed Cell Death in the Prostate*. Department of Biochemistry, Queen's University, Kingston, Ontario, February, 1991.
31. *Biology of Prostate Cancer*. Merck-Frosst (Canada) Medical Advisory Board Meeting, Marina del Rey, California, March, 1991.
32. *Hormonal Control of Gene Expression during Cell Death*. Departement de Biochimie, L'Universit de Montréal, Montréal, Qubec, April, 1991.
33. *Regional Localization of Gene Expression and Cell Death in the Prostate*. CUA Plenary Lecture CUA/AUA Joint Annual Meeting, Toronto, Ontario, June, 1991.
34. *Epithelial-Stromal Interactions and Androgen Sensitivity in the Prostate*. Gordon Conference on Molecular Carcinogenesis, Colby-Sawyer College, New Hampshire, July, 1991.
35. *Active Cell Death in the Prostate and Mammary Glands and its Relationship to Cancer*. McGill Cancer Center, Montréal, Québec, PQ, February, 1992.
36. *Induction of Active Cell Death in the Prostate*. Citywide Urology Research Rounds, Department of Urology, University of Ottawa, Ottawa, Ontario, February, 1992.
37. *Active Cell Death*. Department of Biochemistry, Memorial University of Newfoundland, St. John's, Newfoundland, March, 1992.
38. *Active Cell Death (Apoptosis) in Hormone-dependent Tissues*. Reproductive Biology Seminar, Loeb Medical Research Institute, Ottawa, Ontario, April, 1992.

39. *Stromal-Epithelial Interactions in Cell Death*. International Symposium on the Biology of Prostate Growth. Bethesda, Maryland, September, 1992.
40. *Biology of Prostate Cancer*. International Symposium on Dilemmas in the Management of Prostate and Bladder Cancer. Halifax, Nova Scotia, October, 1992.
41. *Gene Expression during Apoptosis*. Joint Center for Radiation Therapy, Dana Farber Cancer Institute, Harvard Medical School, Boston, Massachusetts, January, 1993.
42. *Attenuation of Gene Expression in Active Cell Death- the Role of fos and jun*. Department of Pharmacology and Therapeutics, McGill University, Montréal, Québec, February, 1993.
43. *Gene Expression During Active Cell Death (Apoptosis)*. Department of Pharmacology, University of Ottawa, Ottawa, Ontario, February, 1993.
44. *Apoptosis (Active Cell Death)*. Environmental Health Directorate, Bureau of Radiation and Medical Devices, Ottawa, Ontario, April, 1993.
45. *The Role of fos and jun in the Induction of Active Cell Death in the Prostate and Mammary Glands*. Department of Pharmacology, University of Texas Medical School, Houston, Texas, May, 1993.
46. *The Role of fos and jun in the Induction of Active Cell Death*. Schering AG, Berlin, Germany, June, 1993.
47. *Thanatogen Gene Expression During Apoptosis*. Institut für Tumorbologie-Krebsforschung, University of Vienna, Austria, June, 1993.
48. *Regulation of Prostate Growth* International Workshop on Intermittent Androgen Suppression in Prostate Cancer. Seattle, Washington, July, 1993.
49. *Active Cell Death and Gene Expression during Regression of Hormone Dependent Tissues*. W. Alton Jones Cell Science Center, Lake Placid, New York, August, 1993.
50. *Active Cell Death During Prostate Regression*. Memorial Sloan Kettering Cancer Center, New York, New York, September 1993.
51. *Gene Expression Associated with Apoptosis and its Possible Relationship to Tumor Progression*. Department of Urology, Sunnybrook Hospital, University of Toronto, March 1994.
52. *Oncogenes, Gene Expression and Active Cell Death in the Prostate*. City Wide Oncology Rounds, Toronto, Canada, March 1994.
53. *Hormone Ablation-the Cellular and Molecular Biology of How Prostate Cells Die*. Grand Rounds, Wayne State University, Detroit, Michigan, June 1994.
54. *The Role of Growth Factors and Extracellular Matrix Proteases in Active Cell Death in the Prostate*. Symposium on Apoptosis in Hormone Dependent Cancers, Berlin, Germany, June 1994.
55. *Expression of Clusterin at Sites of Active Cell Death*. Second Clusterin Workshop, Coeur d'Alene, Idaho, July, 1994.
56. *Gene Expression During Regression of Hormone Dependent Tissues*. 10th International Symposium on Cellular Endocrinology: Molecular and Cell Biology of Apoptosis in Development, Disease and Cancer, Lake Placid, New York, September 1994.
57. *Induction of Cell Death as a Treatment Modality for Prostate Cancer*. Prospects and Progress in Prostate Research, La Sapinière, Quebec, Canada, November 1994.

58. *Growth Factors and Extracellular Matrix Promote Cell Survival in vivo*. Wadsworth Center for Laboratories and Research, Albany, New York, February 1995.
59. *Interaction of Growth Factors and Androgens in the Prostate*. Department of Population Dynamics, Johns Hopkins, Baltimore, Maryland, February 1995.
60. *Insulin-like Growth Factors and Apoptosis in Hormone Dependent Tissues*. Vermont Cancer Center, University of Vermont, Burlington, Vermont February 1995.
61. *Apoptosis and (Anti)-Hormones*. 12th International Symposium of the Journal of Steroid Biochemistry and Molecular Biology. Berlin, Germany, May 1995.
62. *Regulation of Apoptosis in the Prostate and Breast by Growth Factors*. International Conference on Hormones and Growth Factors in Development and Neoplasia, Fogarty International Center, Bethesda, Maryland, June 1995.
63. *Apoptosis of Glandular Epithelial Cells of the Prostate and Mammary Gland after Hormone Ablation*. Gordon Conference on Cell Death, Colby Sawyer College, New Hampshire, July 1995.
64. *Role of Extracellular Matrix, Matrix Proteinases and Growth Factors in Apoptosis of Glandular Organs*. Meeting of the Collaborative Research Center (SFB 367) Deutsche Forschungsgemeinschaft, Lübeck University, Lübeck, Germany, October 1995.
65. *Proteases, Growth Factors and Apoptosis in the Prostate*. Keystone Symposium on Breast and Prostate Cancer, Taos, New Mexico, February 1996.
66. *Significance of Apoptosis in Hormone Dependent Tumors*. 40th Meeting of the German Endocrine Society, Marburg, Germany, February 1996.
67. *Overview of Apoptosis*. 1996 International Symposium on the Biology of Prostate Growth, Washington, D.C., March 1996.
68. *Gene Expression During Active Cell Death in the Mammary and Prostate Glands*. Sero Symposium on Cell Death in the Reproductive Physiology. Chicago, Illinois, April, 1996.
69. *Apoptosis and Tumor Invasion in Prostate Cancer*. General Motors Cancer Research Foundation Special Conference on the Origins of Breast and Prostate Cancer, Bethesda, Maryland, June 1996.
70. *Apoptosis and Tumor Invasion*. Geoffrey Chisholm Day, Annual Meeting of British Association of Urological Surgeons, Edinburgh, Scotland, June 1996.
71. *Apoptosis and Tumor Invasion in Prostate Cancer* 12th International Symposium on Cellular Endocrinology: Molecular and Cell Biology of Apoptosis in Development, Disease and Cancer, Lake Placid, New York, September 1996.
72. *Extracellular Matrix Degradation: a Common Feature of Apoptosis and Metastatic Invasion?* First International Symposium on Mechanisms of Cell Death. Queen's College, City University of New York, October 1996.
73. *Is There a Causative Link Between Apoptosis and Metastasis in Prostate Cancer?* Department of Urology, Montreal General Hospital Research Institute, McGill University, Montréal, PQ November 1996
74. *Is There a Causative Link Between Apoptosis and Metastasis in Prostate and Breast Cancer?* The High Peaks Biological Sciences Seminar Series, Trudeau Institute, Saranac Lake, New York, November, 1996
75. *The Biology, Biochemistry and Genetics of Prostate Cancer*. Millennium Pharmaceuticals, Cambridge MA, January 1997

76. *The Role and Significance of Extracellular Matrix Proteases in Apoptosis in Glandular Tissues*. Keystone Symposium on Apoptosis and Programmed Cell Death, Tamarron, New Mexico, February, 1997.
77. *Androgen Regulated Prostatic Gene Expression*. 22nd Annual Meeting, American Society of Andrology, Baltimore, Maryland, February, 1997.
78. *Prostate Cancer: Is there a Direct Link Between Apoptosis and Metastasis?* 14th Regional Cancer Symposium, University of Vermont Cancer Center, University of Vermont, Burlington, Vermont, March 1997
79. *The Cell and Molecular Biology of Apoptosis*. Cell and Molecular Biology Program, University College Dublin, Belfield, Dublin, Ireland, April 1997.
80. *Apoptosis and Metastasis, in Prostatic Diseases*. Division of Urologic-Oncology, Dana -Farber Cancer Center, Boston, April, 1997
81. *Methods for Identifying Cell Death-Looking for Apoptosis in the Prostate and Breast* 25th Anniversary Meeting, New York Histotechnological Society, Lake Placid, New York, May 1997
82. *Apoptosis and Metastasis in Prostate Cancer*. Grand Rounds, Department of Uro-Oncology, Barbara Ann Karmanos Cancer Institute, Wayne State University, Detroit, Michigan September, 1997.
83. *Alterations in Clusterin Biogenesis during Apoptosis*. Department of Pharmacology, Wayne State University, Detroit, Michigan September, 1997.
84. *Cell Death and Prostate Cancer*. Department of Biological Sciences, University of Notre Dame, October 1997.
85. *Death and Life of the Cell*. American Urological Association Office of Education Summer Research Conference, Houston Texas August 1998.
86. *Regulation of Clusterin Gene Expression* Gordon Conference on Apo J (Clusterin) and Apo E, Ventura, California, January 1999.
87. *Relationship Between Apoptosis and Metastasis in Breast Cancer*. Indiana University Cancer Center, Indianapolis, Indiana, May 1999.
88. *The Relationship between Apoptosis and Invasion in Prostate Cancer*. International Conference on Prostate Cancer Research, University of Iowa, Iowa City, June, 1999.
89. *Clusterin Biogenesis and ER Overload, a New Mechanism of Cell Death in Hormone Dependent Cells*. Keynote Address, Gordon Conference on Cell Death, Colby Sawyer College, New Hampshire, July 1999.
90. *Development of Anti-estrogens to Improve the Treatment of Breast Cancer*. Southern Great Lakes Local Section of the Society for Industrial Microbiology, Alpharma, Chicago Heights, Illinois October 1999.
91. *Biogenesis of Clusterin and ER Overload in Cell Death*. Department of Urology, Northwestern University, Chicago, Illinois, November 1999
92. *Clusterin Biogenesis, Apoptosis and Tumor Regression*. Center for Reproductive Biology, Washington State University, Pullman, WA, March 2000
93. *Anti-Androgen Induced Metastasis in Prostate Cancer*. Chicago Area Prostate Club, Loyola Medical Center, Loyola University, Chicago, IL, March 2000.
94. *Clusterin Biogenesis and Metastatic Progression in Breast Cancer*, Walther Cancer Institute University of Notre Dame, Notre Dame IN, January 2001.

95. *Clusterin Biogenesis and Metastatic Progression in Breast Cancer*. Department of Pathology, Yale University New Haven, CN, May 2001
96. *Androgen Dependent Apoptosis and Survival in the Prostate*. VIIth International Congress of Andrology, Montreal, PQ June 2001.
97. *SHERPAs: Small Molecule Inhibitors of Prostate Specific Membrane Antigen (PSMA) Designed to Target Disseminated Prostate Cancer Cells*. Molecular Devices Workshop, University of Notre Dame, Notre Dame, IN July, 2001.
98. *The Natural History of Prostate Cancer: implications for therapy for organ confined disease*. Serono Reproductive Biology Institute, Randolph, MA August, 2001.
99. *Alterations in the Biogenesis of Clusterin, an Extracellular and Nuclear Chaperone, During Cell Death of Hormone Dependent Cancers*. Department of Biological Sciences, University of Alberta, AL May 2002.
100. *The Induction of Apoptosis by anti-androgens and anti-estrogens in Hormone Dependent Cancers*. 15th International Symposium of the Journal of Steroid Biochemistry and Molecular Biology. Munich, Germany, May 2002.
101. *ER β , Tamoxifen and Breast Cancer*. Amelia Project, Catherine Peachey Fund, Indianapolis, IN, February, 2003
102. *Alterations in the Biogenesis of Clusterin, an Extracellular and Nuclear Chaperone During Cell Death of Hormone Dependent Cancers*. Department of Biochemistry, Queen's University, Kingston, ON Canada, February 2003
103. *Modeling Prostate and Breast Cancer Tumor Progression in vivo*. Department of Medicinal Chemistry and Molecular Pharmacology, Purdue University, West Lafayette, Indiana July 2003
104. *Modeling Breast Cancer in Mice Department of Biology*. Hope College, Holland, MI October 2003.
105. *Pre-clinical Modeling and Drug Development for Prostate Cancer*. Cytochroma Inc, Markham ON Canada, December 2003.
106. *Synthesis and Function of Clusterin, an Extracellular and Nuclear Chaperone, during Cell Death of Hormone Dependent Cancers*, Serono Inc., Geneva Switzerland September, 2004
107. *Preclinical Modeling of Breast Cancer in Mice*, Andrews University, Berrien Springs, MI, October 2004
108. *Differential Acetylation of Androgen Receptor (AR) and p53 by HDAC Inhibitors and Downstream Target Activation in LNCaP Prostate Cancer Cells*. Keystone Symposium, Monterey, CA., February 2005.
109. *Differential Acetylation of p53 and Downstream Target Gene Activation in LNCaP Prostate Cancer Cells*. Conway Institute, University College Dublin Ireland, December, 2005.
110. *Differential Acetylation of p53 by HDAC Inhibitors and Downstream Target Gene Activation in LNCaP Prostate Cancer Cells*. Sigma Tau, New York, NY October 2005
111. *Acetylation of p53 and Target Gene Regulation in Prostate Cancer*. Gen*NY*Sis Center for Cancer Genomics, University at Albany, Rensselaer NY, April, 2007
112. *p53 Acetylation as a Target for Therapeutic Intervention for Prostate and Breast Cancer*. New York Hematology-Oncology/Albany Medical College Translational Research Conference Albany, NY, September 2008.
113. *Small Molecule Activators of p53*. Department of Biological Sciences, State University of New York at Albany. October 2008.