

CURRICULUM VITAE

DOUGLAS WILLIAM ZOCHODNE

I. BIOGRAPHICAL DATA

PRESENT RANK: Professor, Divisional Director, Division of Neurology, Department of Medicine, Faculty of Medicine and Dentistry, University of Alberta

Director, Neurosciences and Mental Health Institute, University of Alberta

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II. ACADEMIC RECORD

(i) Undergraduate, Professional

University of Western Ontario (now Western University), London, Ontario

1976-1980: • Medical School (two month clerkship, Neurology, Mayo Clinic)

1975-1976: • Honours Chemistry

1974-1975: • Natural Sciences

(ii) Graduate, Postgraduate Activities

2010 (01-06): Visiting scientist, Molecular Neurobiology Laboratory, Salk Institute for Biological Studies (Sabbatical leave).

1986-1988: Research Fellow, Peripheral Nerve Laboratory (Physiology & Morphology), Department of Neurology, Mayo Clinic, Rochester, Minnesota

1985-1986: Clinical Research Fellow (Neurophysiology and Neuromuscular Diseases), Department of Clinical Neurological Sciences, University of Western Ontario, London

1982-1985: Resident, Neurology, Department of Clinical Neurological Sciences, University of Western Ontario, London

1981-1982: Resident, Internal Medicine, University of Western Ontario, London

1980-1981: Rotating Intern, Victoria Hospital, London, Ontario

(iii) Licensure and Boards

- 1980 • M.D.
- 1981 • General licence, Ontario College of Physicians & Surgeons
- 1985 • F.R.C.P.C (Neurology)
- 1990 • American Board of Electrodiagnostic Medicine (Certification)
- 1992 • Licence to practice Neurology, Alberta College of Physicians & Surgeons

III. **AWARDS AND DISTINCTIONS**

- 2019 • Alan J. Gebhart Prize for Excellence in Peripheral Nerve Research, Peripheral Nerve Society
- 2016 • Fellow, Canadian Academy of Health Sciences
- 2011 • Wolfe prize for Neuropathy Research, American Neurological Association, 2011
- 2005 • Scientist, Alberta Heritage Foundation for Medical research (2005-2010)
- 2000 • Senior Scholar, Alberta Heritage Foundation for Medical Research (2000-2005)
- 1995 • Faculty Recognition Award for Research, University of Calgary
- 1995 • Medical Scholarship, Alberta Heritage Foundation for Medical Research (1995-2000)
- 1992 • Clinical Investigatorship, Alberta Heritage Foundation for Medical Research (1992-1995)
- 1990 • Career Scientist Award, Ontario Ministry of Health
- 1986 • Medical Research Council of Canada Fellowship
- 1985 • Award for American Academy of Neurology In-Training Examination Performance, Clinical Neurological Sciences, University of Western Ontario
- 1985 • Ontario Ministry of Health Fellowship Award (one year)
- 1985 • Residents Research Day Award, Department of Clinical Neurological Sciences, University of Western Ontario
- 1983 • Residents Research Day Award, Dept. of Clinical Neurological Sciences, University of Western Ontario
- 1975 • Faculty Award Year One, Natural Sciences
- 1974 • Ontario Scholarship
- 1974 • English Award, Oshawa Catholic High School
- 1975 • } Scholarship, University of Western Ontario
- 1976 • }

IV. **ACADEMIC APPOINTMENTS**

(i) University Appointments

- 05/16- • Professor and Institute Director, Neuroscience and Mental Health Institute (NMHI), University of Alberta
- 07/14-01/22 • Professor and Division Director, Division of Neurology, Department of Medicine, University of Alberta, Edmonton, Alberta
- 07/03-07/14 • Professor with tenure, Department of Clinical Neurosciences, Member, Hotchkiss Brain Institute, University of Calgary, Calgary, Alberta

- 07/00-07/14 • Full Professor, Department of Clinical Neurosciences, Member, Neurosciences Research Group, University of Calgary, Calgary, Alberta
- 07/94-07/00 • Associate Professor, Department of Clinical Neurosciences, Member, Neurosciences Research Group, University of Calgary, Calgary, Alberta
- 09/92-07/94 • Assistant Professor, Department of Clinical Neurosciences, Member, Neurosciences Research Group, University of Calgary, Calgary, Alberta
- 07/88-09/92 • Assistant Professor, Department of Medicine, Queen's University, Kingston, Ontario (cross-appointed to Department of Physiology, 1991)

(ii) Other Professional Appointments

- 05/16 • Director, Neurosciences and Mental Health Institute, Faculty of Medicine and Dentistry, University of Alberta (May 1, 2016-present)
- 03/15-05/16 • CoDirector, Applied Science, Neurosciences and Mental Health Institute, Faculty of Medicine and Dentistry, University of Alberta
- 10/14-03/15 • Interim CoDirector, Neurosciences and Mental Health Institute, Faculty of Medicine and Dentistry, University of Alberta
- 07/14 • Staff Neurologist, University of Alberta Hospital, Kaye Edmonton Clinic
- 07/14-01/22 • Division Director, Division of Neurology, Department of Medicine, Faculty of Medicine and Dentistry, University of Alberta
- 07/14 • Member, Executive, Neuroscience and Mental Health Institute, Faculty of Medicine and Dentistry, University of Alberta
- 07/00-07/14 • Director, Clinical Neurophysiology/EMG (Adult), Calgary Health Region, Calgary, Alberta
- 01/02-07/14 • Director, Neuromuscular Clinic (Adult), Calgary Health Region
- 09/92-07/14 • Staff Neurologist, Foothills Hospital, Calgary, Alberta, Canada
- 07/88-09/92 • Staff Neurologist, Kingston General Hospital, Kingston, Ontario, Canada
- 07/88-09/92 • Consultant Neurologist, Hotel Dieu Hospital, Kingston, Ontario, Canada

(iii) Active Commitments

- Institute Director, NMHI, University of Alberta
- Peripheral Nerve Research Laboratory, University of Alberta
- Neuromuscular Clinic, University of Alberta, Edmonton zone
- Neurophysiology Laboratory (Adult EMG), University of Alberta Hospital
- Neurology Service, University of Alberta Hospital

V. EDUCATIONAL ACTIVITIES

(i) Undergraduate

- Neuroscience Course (Lectures, Seminars), UofA Faculty of Medicine and Dentistry

(ii) Graduate

- Neuroscience graduate and post-doctoral student supervision
- Clinical supervision - Neurology Residency Training Program, Neuromuscular Fellowship
- Department of Internal Medicine - Supervision of trainees, teaching sessions

VI. ADMINISTRATIVE RESPONSIBILITIES

- Director, Neurosciences and Mental Health Institute, Faculty of Medicine and Dentistry, University of Alberta (May 1, 2016-present)
- Divisional Director, Division of Neurology, Department of Medicine, Faculty of Medicine and Dentistry (2014-2022)
- Co-Director, Neuroscience and Mental Health Institute, Faculty of Medicine and Dentistry, University of Alberta (October, 2014-May, 2016)
- Director, Clinical Neurophysiology (Adult EMG) Calgary zone, Alberta Health Services (2000-2014)
- Director, Neuromuscular Clinic (Adult) Calgary zone, Alberta Health Services (2002-2014)
- Editor-in-chief, Canadian Journal of Neurological Sciences (1999-2007)
- Search Committees Clinical Neurosciences Chair (2001); Head, Division Neurology (2003); Head, Division Neurosurgery (2003); Clinical Neuroscience Chair Review (2006)
- Co-leader, Regeneration and Repair Node, Hotchkiss Brain Institute (2003-2014)
- Member, Research Committee, Hotchkiss Brain Institute (2004)
- Member, Strategic Research Innovation Council, Hotchkiss Brain Institute (2010-2014)
- Leader, RUN (Regeneration Unit in Neurobiology) Group, Hotchkiss Brain Institute (2009-2014)

VII. PROFESSIONAL ACTIVITIES

(i) Affiliations

- Fellow, Canadian Academy of Health Sciences
- Elected member, American Neurological Association
- Society for Neuroscience
- Canadian Neurological Society
- American Academy of Neurology
- Ontario Medical Association
- Alberta Medical Association
- Canadian Medical Association
- American Association of Electrodiagnostic Medicine
- Canadian Society of Clinical Neurophysiologists
- Past president, Peripheral Nerve Society
- Canadian Association of Neuroscience

(ii) Service

- **Institute Advisory Board**

Member, Institute of Neuroscience, Mental Health, and Addiction (09/2003- 2008; Vice-Chair 2008); CIHR

- **Editor-In-Chief**

Canadian Journal of Neurological Sciences (07/1999 – 07/2007)

- **President**

Peripheral Nerve Society (2009-2011)

- **Editorial Boards**

Editorial Board, Journal of the Peripheral Nervous System

- **Grant Review Committees**

CIHR Project Grant Panel Scientific Officer (Neurosciences C)(2017)

CIHR Foundation Grant Panel Member (2016)

Brainstorming Workshop for the RGC GRF /ECS [General Research Fund, Early Career Scheme] 2016-17 Exercise; Research Centre of Heart,Brain, Hormone & Healthy Aging; Li Ka Shing Faculty of Medicine, The University of Hong Kong, August 24-27, 2015

Canadian Institutes of Health Research, CIHR (November, 2004 and 2011-2012)

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK; DP3 [Diabetes targeted research award] Review) July 2011

Juvenile Diabetes Research Foundation MSRC (Medical Sciences Research Council; Innovative grants) (2008)

Canadian Institutes of Health Research, CIHR (Neurosciences A) (2008)

Canadian Diabetes Association (April 2001 – 2004, April 2013, May 2014)

Muscular Dystrophy Association of Canada (1995; 1996)

ALS Foundation of Canada (1994, 1995); Alberta Paraplegia Foundation (1995)

Juvenile Diabetes Foundation International (March 2000 – March 2003)

Alberta Heritage Foundation for Medical Research (Studentships) [1998-2001]

Medical Research Council of Canada (Neurosciences B) (1995 -1998)

- **Grant Reviewer (external)**

Canadian Institutes of Health Research/Medical Research Council of Canada

Canadian Diabetes Association;

PSI [Physicians Services Incorporated] Foundation of Ontario;

Veteran's Affairs, USA;

Muscular Dystrophy Telethon, Bologna Italy

Sick Children's Foundation of Ontario

Neurological Foundation of New Zealand

Wellcome Trust, UK

Engineering and Physical Science Research Council, UK

MRC UK [Medical Research Council UK]

Dutch Diabetes Research Foundation

NIH [National Institutes of Health]

- **Journal Reviewer**

Journal of Neuroscience, Annals of Neurology, Diabetes, Neurology, Brain, Nature Communications, Diabetologia, Neurocritical Care, Journal of Clinical Investigation, European Journal of Neuroscience, Diabetes Care, Journal of Comparative Neurology, Muscle & Nerve, Journal of Neurology, Journal of Neurochemistry, Experimental Neurology, Journal of Neuroscience Methods, Neuroscience Letters, FASEB, PNAS, PLoS One, Neuroscience, Journal of the Peripheral Nervous System, Research, Drugs, Brain Pathology, Archives of Neurology. PLoS One

- **External Reviewer**

Dept of Physical Medicine and Rehabilitation, University of Western Ontario, March 2005

Scientific Advisory Board, Aegera Therapeutics, Montreal (2002- 2010)

Animal Models of Diabetes Complications Consortium (AMDCC); NIH, September 2006-2012)

Division of Neurology, Queen's University, October 19, 2015

- **Scientific Advisory Committee**, Peripheral Nerve Society, 1999, 2007 meetings
- **Board**, Peripheral Nerve Society (2001-2005)
- **President**, Peripheral Nerve Society (Elect 2007-2009; Full 2009-2011)
- **Local Organizer**, Peripheral Nerve Society meeting, Banff 2003
- **Chair, Scientific Advisory Board**, International Symposium on Diabetic Neuropathy, Toronto, 2009
- **Organizing Committee**, International Diabetes Foundation Satellite Symposium on Neuropathy, November 2000 San Juan, Costa Rica; August 2003, St. Malo, France; November 2006, Cape Town 2006; Chair Scientific Advisory Cmte International Diabetes Federation Neuropathy Symposium and NeuroDiab, Toronto, 2009
- **Co-Chair meetings:**
 - Therapeutic Development, NIH Peripheral Neuropathy Research meeting, October 2006
 - N2 meeting (Neurosciences for Neurology residents, Neurology for Neurosciences Students, Edmonton, February 22-23, 2019)
- **Registrant** Physician Manager Institute (PMI) "Leadership skills for shaping the future" September, 2006; "Self awareness and effective leadership" March 2011
- **External PhD graduate thesis examiner (virtual):**
 - Zeinab Momeni, University of Saskatchewan, September 18, 2019
 - Matthew Carr, University of Toronto, October 17, 2019

VIII. RESEARCH SUPPORT

(i) Peripheral Nerve Research Laboratory

ACTIVE GRANTS

01/04/20-31/03/25

Grant #426507 (PI Zochodne)

Canadian Institutes of Health Research (CIHR) [Project Grant]

Rewiring diabetic axons: rescue, regrowth and repurposing insulin

\$160, 650 CAN/yr
Calendar months: 5 years (60 months)

01/02/20-01/03/22
University of Alberta Hospital Foundation (coPI; PI Gupta)
Biosensor development for monitoring and preventing diabetic foot wounds.
\$125,000 CAN/yr
Calendar months: 2 years (24 months)

PREVIOUS GRANTS

07/2019
Alan J. Gebhart Prize for Excellence in Peripheral Nerve Research.
Peripheral Nerve Society [personal prize allocated to our research laboratory]
\$25,000 USD one year

20/11/18
Project #37964 (PI Zochodne)
Canada Foundation for Innovation (CFI) John R. Evans Leaders Fund (JELF)
Digital PCR Analysis for Neuroscience Discovery
\$79,869 one year
Alberta Economic Development and Trade
Project #EDT RCP-19-021-SEG [CFI matching funding]
\$79,869 one year
University of Alberta [match]
\$1681 one year

01/07/16-30/06/21
Grant #362082 (PI Zochodne)
Canadian Institutes of Health Research (CIHR) [First Live Pilot Project Grant]
Limits to growth: Intrinsic molecular 'brakes' to peripheral neuronal regeneration
\$160, 545 CAN/yr
Calendar months: 5 years (60 months)

01/10/13-30/09/18
Grant #MOP-89854 (PI Zochodne)
Canadian Institutes of Health Research (CIHR)
Rescue of diabetic sensory neurodegeneration through insulin signaling
\$155,740.00 CAN/yr
Calendar months: 5 years (60 months)

01/02/2016-31/01/2019
Grant #NOD_OG-3-15-5025-DZ (PI Zochodne)

Canadian Diabetes Association (CDA).
Regrowth of axons in diabetic skin: local molecular approaches
\$79,882 (year 1), \$99,852 (years 2,3)
Calendar months: 36 months (3 years)

01/07/2014-30/6/2017
Start up/seed funding University of Alberta/University Hospital Foundation
\$225,000 CAN/yr (36 months)

01/07/2015-30/6/2016
Alberta Diabetes Institute (pilot grants)
New molecular strategies to promote recovery from diabetic neuropathy
\$30,000 CAN
Calendar months: 12 months (1 year)

01/04/10-01/04/15
Grant # 208719 (PI Zochodne)
Canadian Institutes of Health Research (CIHR)
Molecular Roadblocks to Nerve Regeneration
\$138,572.00 CAN/yr
Calendar months: 5 years (60 months)

01/07/2012-30/06/2015
Grant OG-3-12-3669-DZ (PI Zochodne)
Canadian Diabetes Association (CDA).
Diabetes and Skin Sensation
\$74,888.25 (year 1), \$99,851 (years 2,3)
Calendar months: 36 months (3 years)

01/09/2012-01/09/2013
Grant 12GHSU172 (PI Zochodne)
National Institutes of Health (NIH) [Diabetes complications and control P&F]
PTEN knockdown: a novel strategy to reverse diabetic neuropathy
\$82,286 (one year) Calendar months: 1 year
01/09/09
Grant #20416 (PI Zochodne, Group project)
Canada Foundation for Innovation (CFI)
Regeneration Unit in Neurobiology (RUN)
\$1,296,372 single infrastructure grant
(partnered with \$1,296,372 from Alberta Science and Research Investments Program and 20%
matching funding from the Hotchkiss Brain Institute and in kind funding)
TOTAL: \$3,240,930.00

01/09/08-01/09/13
Grant #184584 (PI Zochodne)
Canadian Institutes of Health Research (CIHR)
Diabetes, neuron degeneration & insulin signalling.
\$111,945.00 CAN/yr
Calendar months: 5 years (60 months)

01/10/06-01/10/11
Grant # RMF82496 (PI Zochodne; Group grant)
Canadian Institutes of Health Research (CIHR)
An electronic regeneration interface and the Western Canada Regeneration Initiative
\$450,000.00 CAN/yr;
\$65,000 CAN/yr - Zochodne component
Calendar months: 5 years (60 months)

01/09/09-01/09/11
Grant#39-2009-647 (PI Zochodne; CoPIs Fernyhough and Toth)
Juvenile Diabetes Research Foundation (JDRF)
Diabetic neuropathy, neuronal insulin and its interaction with AGE-RAGE
\$237,562.00 US/yr
Calendar months: 2 years (24 months)

01/04/08-01/04/11
Grant #CJRPJ351004-2008 (PI Cramb; coPIs Zochodne and Ferguson)
National Science and Engineering Research Council (NSERC)
Pain relief: receptor dynamics at the single molecule level
\$121,000.00 CAN/yr
\$20,000 CAN/yr - Zochodne component
Calendar months: 3 years (36 months)

09/08-09/11
Grant #17-2008-1032 (PI Pacaud; CoPIs Zochodne, Mah and others)
Juvenile Diabetes Research Foundation
Corneal confocal microscopy to detect diabetic neuropathy in children
\$120,000 US/yr
Calendar months: 3 years (36 months)

01/09/08-30/06/11
Grant # RO1 NS062670-01A1 (PI Power; coPIs Zochodne, Hoke)
National Institutes of Health (NIH)
Peripheral neuropathy in Lentivirus infections: early viral and determinants of neurovirulence
\$53,141.36US/yr (total Grant approximately \$410K CAN/yr)

Calendar months: 3 years (36 months)

- 02/07-02/09 • Experimental diabetes, skin sensation, and pain. (\$89,000/yr) **Canadian Diabetes Association (PI)**

- 04/05-04/10 • Nerve regeneration: collaboration and signals. (Principal Investigator) (\$82,000/yr) **Canadian Institutes of Health Research (PI)**

- 09/08-09/11 • Corneal confocal microscopy to detect diabetic neuropathy in children (\$120 US/yr) **Juvenile Diabetes Research Foundation (Co-applicant)**

- 02/05-02/07 • Experimental diabetes, skin sensation and pain (Principal Investigator) (\$75,000/yr) **Canadian Diabetes Association**

- 10/02-09/07 • Sensory neurons, insulin and experimental diabetes. (Principal Investigator) (\$102,143/yr) **Canadian Institutes of Health Research**

- 04/02 - 04/05 • Early regenerative events in peripheral nerves: an axon-"Schwann cell dance". (Principal Investigator) (\$63,390/yr) **Canadian Institutes of Health Research**

- 12/02 - 11/05 • Lentivirus-induced neuropathy: viral diversity and host response. (Co-Investigator) (\$60,000/yr-Zochodne component) Dr. Chris Power Principal Investigator **National Institutes of Health (NINDS)**

- 06/03 - 06/05 • Why do diabetic nerves regenerate poorly? (Principal Investigator) (\$75,000/year) **Canadian Diabetes Association**

- 03 – 05 • A study of impact of fidarestat aldose reductase inhibition on the regeneration of diabetic axons (Principal Investigator) (56,310) **SKK**

- 03 - 06 • A study of AEG 33690 in experimental diabetic neuropathy (Principal Investigator) (\$56,000/yr) **Aegera Therapeutics**

- 01/99 - 01/02-• Does diabetes mellitus target ganglion neurons? (Principal Investigator) (\$67,157/year) **Medical Research Council of Canada (CIHR)**

- 01/99 - 01/02-• Local actions of nitric oxide during peripheral nerves injury, repair & regeneration (Principal Investigator) (\$54,419/year) **Medical Research Council of Canada (CIHR)**

- 02/99 - 02/01 • Why do diabetic nerves regenerate poorly? (Principal Investigator) (\$60,250/year) **Canadian Diabetes Association**
- 04/97 - 04/99 • Events In Peripheral Nerve Injury And Repair (Principal Investigator) (\$39,800/year) **Muscular Dystrophy Association of Canada**
- 10/95 - 10/98 • Microangiopathy & Experimental Diabetic Neuropathy (Principal Investigator) \$43,000/yr **Medical Research Council of Canada**
- 04/95 - 04/97 • Peptide and Opioid Actions in Peripheral Nerve Injury (Principal Investigator) \$66,000/yr **Muscular Dystrophy Association of Canada**
- 04/93 - 04/95 • Peptidergic mechanisms of peripheral nerve injury (Principal Investigator) \$48,000/yr **Muscular Dystrophy Association of Canada**
- 07/92 • Diabetic Nerve and Ganglion Microenvironment (Principal Investigator) \$86,000 **Alberta Heritage Foundation for Medical Research** [establishment]
- 07/92 - 07/95 • Diabetic Nerve and Ganglion Microenvironment (Principal Investigator) \$40,000/yr **Medical Research Council of Canada**
- 04/91 - 04/93 • Pharmacological Manipulation of Nerve Blood Flow in Diabetes (Principal Investigator) \$10,000/yr **Muscular Dystrophy Association of Canada**
- 07/90 - 07/92 • Excitatory Amino Acid Toxicity of Spinal Neuronal Systems (Co-Investigator) \$40,000/yr **ALS Society of Canada**
- 07/89 - 07/92 • Pharmacological Manipulation of Nerve Blood Flow in Diabetes (Principal Investigator) \$35,000/yr **Medical Research Council of Canada**
- 04/89 - 04/91 • Pharmacological Manipulation of Nerve Blood Flow in Diabetes (Principal Investigator) \$10,000/yr **Muscular Dystrophy Association of Canada**
- 01/89 - 07/89 • Pharmacological Manipulation of Nerve Blood Flow in Diabetes (Principal Investigator) \$18,000 **Canadian Diabetes Association**
- 07/88 - 07/89 • Peripheral Nerve Microenvironment in Focal Nerve Injury (Principal Investigator) \$35,000 **Queen's University, Research Initiation Fund**
 - Pharmacological Manipulation of Nerve Blood Flow in Diabetes (Principal Investigator) \$3,000-\$5,000/yr **Queen's University, Botterell Foundation and Principal's Development Fund, Category B**

(ii) Neuromuscular /ALS Clinic-Pharmaceutical and Clinical Trials

- 11/07- • Randomized, Double-Blind, Placebo Controlled, Parallel Assignment, Efficacy Study of Nabilone in the Treatment of Diabetic Peripheral Neuropathic Pain Protocol # UCNABDPN01; (Co-PI); Sponsor: **Valeant Canada**
- 11/08- • A randomized, double-blind, placebo-controlled, CROSS-OVER study of the effectiveness of immune globulin intravenous (human), 10% (IGIV, 10%) for the treatment of multifocal motor neuropathy. Protocol 160604. (PI) **Sponsor: Baxter**
- 05-06 • A Randomized, Placebo-Controlled Trial of the Efficacy and Safety of Pregabalin in the Treatment of Subjects with Peripheral Neuropathic Pain. Protocol # A0081084. (Co-PI) **Sponsor: Pfizer**
- 05-06 • A multicenter, randomized, double blind, placebo-controlled multiple dose study of the efficacy and safety of AS-3201 in patient with diabetic sensorimotor polyneuropathy **Dainippon Pharmaceuticals Co., Ltd.**
- 98-01 • Phase III Multicenter Trial at Zenarestat in human diabetic polyneuropathy **(Parke-Davis)**
- 97-00 • Phase III Multicenter Trial of SR5776 in ALS **(Sanofi)**
- 97-99 • Phase III Multicenter Trial of rhNGF in human diabetic polyneuropathy **(Roche)**
- 96-97 • Phase II/III Trial of Human Recombinant Neurotrophin-3 in Diabetic Neuropathy **(Amgen)**
- 93-96 • Alcar Clinical Multicenter Trial in Human Diabetes \$750,000 **(Roche)**
- 93-94 • IVIG in CIDP **(Red Cross/Bayer)**
- 93-94 • IVIG in multifocal motor neuropathy **(Red Cross/Bayer)**

IX. INVITED ADDRESSES

(i) Extramural invited addresses

- “What really happens during nerve conduction studies?” AAEE [American Association of Electromyography and Electrodiagnosis], San Diego, 1988
- Diabetic Neuropathy, Diabetes Update for Health Care Workers, Kingston 1991

- What can we learn from the neurological examination? ACP [American College of Physicians] Ontario Chapter, Toronto 1991
- Electrophysiological studies in the Critical Care Unit, CCNS [Canadian Congress of Neurological Sciences], Winnipeg, June 1992
- Neuromuscular Research, Muscular Dystrophy Telethon, September 1993
- Mechanisms of Pain, CCNS, St. John's, June 1994
- Myopathies in Critical Illness, CCNS, London, June 1996
- Diabetic Neuropathy, American Academy of Neurology, March 1996
- Peripheral Neuropathy Course (Course Chair & Speaker CCNS), Saskatoon, June 1997
- Microenvironment of Nerve Injury, University of Western Ontario, December 1997.
- "Diabetic Neuropathies", University of Western Ontario, December 1997.
- Neuromuscular cases, Queen's University, March 1998
- Neuromuscular disorders in critical illness, Osaka, Japan, May 1998.
- Endothelin ischemia of nerve and ganglia, Japanese Society Neurology, Kyoto, Japan, 1998
- Electrophysiological features of critical illness myopathy, AAEM meeting Vancouver 1999.
- Microenvironment of injured and regenerating peripheral nerve, Bolton Festschrift, University of Western Ontario, April 1999.
- Blood flow in experimental diabetic, IDF Satellite Symposium, Costa Rica, November 2000
- Neuropathic pain, Queen's University, Kingston, October 2000
- Diabetic neuropathy, Queen's University, Kingston, October 2000
- "The past does not equal the future" CNS Department, Univ Western Ontario, Jan 2001
- Turkish Diabetic Neuropathy symposium "Does diabetes target the sensory neuron? Adana, Turkey, May 2001
- CSCN Plenary Lecture: "Peripheral Nerve Regeneration", Halifax, June 2001
- Neuropathic Pain; CCNS, Halifax, June 2001
- Peripheral Nerve Society "Advances in Diabetic Neuropathy", Tyrol, Austria, September 2001
- Johns Hopkins University, Baltimore "Why are Intensive Care Unit Patients Weak" Feb 2002
- Johns Hopkins University, Baltimore "Mechanisms of Neuropathic Pain" February 2002
- Oregon Neurological Society, Portland. "Diabetic Neuropathy" March 2002
- American Diabetes Assoc. meeting, San Francisco "Diabetic Sensory Neurons" June 2002
- University of Toronto, "Peripheral nerve regeneration", October 2002
- Diabetic Neuropathy Satellite Symposium, Saint Malo, France. "Diabetic Neuropathy and Primary Sensory Neurons". September 2003
- NIH Diabetes Complications Workshop, Bethesda, Maryland, "Models of Diabetic Neuropathy: What is relevant". October 2003
- Memorial University of Newfoundland, "Diabetic Neuropathy Mechanisms", 2003 (2 lectures)
- University of Alberta, Edmonton, "Does Diabetes Target Sensory Neurons", "Mechanisms of Neuropathic Pain", March 2003
- Japanese Diabetes Society, Tokyo, Japan. "Diabetic neuropathy: translating therapy from bench to bedside" May 2004
- Atlantic Neuroscience meeting, Halifax, Nova Scotia "Mechanisms of neuropathic pain" 2004
- Neurobiology course, Canadian Congress of Neurological Sciences, Calgary, Alberta. "Mechanisms of neuropathic pain", June 2004.

- Sunderland Society Conference. Toronto, Ontario “Axon-schwann cell interactions in the regenerative microenvironment”. September 2004
- University of Manitoba, Neurology Grand Rounds “How to recover from a neuropathy (or why you may not)” Winnipeg, October 2004
- Canadian Congress of Neurological Sciences, Ottawa, ”What’s new in Neuromuscular Disease, Ottawa, June 2005
- World Congress of Neurology Teaching Course, “Diabetic Neuropathy”, Sydney, Australia, November 2005
- World Congress of Neurology, “Diabetic Neuropathy: Insights through Neurobiological Mechanisms”, Sydney, Australia, November 2005
- Wayne State University, Detroit, “Impaired peripheral nerve regeneration in diabetes: the double hit, April 2006
- Mayo Clinic Symposium for Drs. P. Dyck, A. Engel, “The Beauty of Nerve Regeneration”, May 2006
- JDRF/EASD [Juvenile Diabetes Research Foundation; European Association for the study of Diabetes] meeting, Oxford, UK “Impaired peripheral nerve regeneration in diabetes: the double hit, July 2006
- Teaching Seminar Lecture, University of Lethbridge “Peripheral Nerve Regeneration”, October 2006
- “Emerging treatments for diabetic neuropathy” Cape Town, Africa, November 2006
- NIH Workshop, Bethesda on Peripheral Neuropathy, “The Role of the Cell Body-Gaps, opportunities and Common Targets in the Arena of Therapeutics”, November 2006
- Radio Station CJOB 68 with Dr. Paul Fernyhough, St. Boniface Hospital. The Health Report Show. February 2007
- St. Boniface General Hospital Research Centre “The neurobiological challenges of diabetic peripheral neuropathy. March 2007
- American Diabetes Association meeting Chicago “Is there diabetic neuropathy? Differential diagnosis” June 2007
- NIDDK’s Workshop: Advances Toward Measuring Diabetic Retinopathy and Neuropathy: From the Bench to the Clinic and Back Again. Baltimore, “Aspects of Models of diabetic neuropathy” April 2007
- Canadian Federation of Neurological Sciences, Edmonton: Two lectures 1. “What’s new in neuromuscular disease”; 2. “Diabetic neuropathy”, June 2007
- University of Lethbridge “Nerve regeneration” November 2007, November 2008
- Division of Neurology, Manitoba Health Sciences Center “The beauty of nerve regeneration”, January 2008
- Canadian Association for Neurosciences (CAN) Annual meeting, Montreal “The beauty of nerve regeneration. Early Regenerative Events”, May, 2008 [and Symposium Chair]
- American Association of Electrodiagnostic Medicine (AANEM) Annual meeting; Providence Rhode Island “The Neurobiological Challenges of Diabetic Peripheral Neuropathy”, September 2008

- Integrating the Physical and Applied Sciences into Health Research Workshop III CIHR, Ottawa “The Challenges of Nerve Regeneration: A Biomedical Approach”, October 2008
- Hidaka Hospital, Takisaki, Japan “Peripheral Nerves, Neuropathies and Regeneration” November, 2008
- Keystone Symposium on Complications of Diabetes and Obesity, Vancouver, “Diabetes and regenerative failure of peripheral neurons”, February 2009
- Alberta Motor Control Meeting (XXVIII). Symposium in honour of Tessa Gordon, Kananaskis, “Local axon events in peripheral nerve regeneration”, February 2009
- RTNA (Research translation network of Alberta) Knowledge translation panel workshop, Banff, September 2009
- NeuroDiab and International Society for the Study of Diabetic Neuropathy (ISDN), Toronto, “Lifetime Achievement Award for Dr. Peter James Dyck”, October 2009
- The Calgary Pain Conference, Calgary, Alberta, “Neuropathic pain”, December, 2009
- Salk Institute MNL Seminars, La Jolla, CA, “The beauty (and challenge) of nerve regeneration”, February, 2010
- University of California, San Diego (UCSD) Peripheral Nerve Research Laboratory Seminar “The beauty (and challenge) of nerve regeneration” April, 2010
- University of California, San Diego (UCSD) Neurosciences Grand Rounds, “Diabetes and the peripheral nervous system: clinical features and mechanisms” March, 2010
- The Leonard R. Strelitz Diabetes Institutes & Center for Endocrine and Metabolic Disorders, East Virginia Medical School, Norfolk VA. “The beauty (and challenge) of nerve regeneration” May 2010
- University of California, Irvine (UCI), Neurology Grand Rounds, “Diabetes and the peripheral nervous system: clinical features and mechanisms” May 2010
- University of California, Irvine (UCI), Neurosciences seminar, “The beauty (and challenge) of nerve regeneration”, May 2010
- University of California, Irvine (UCI), Orthopaedic Grand Rounds, “Nerve Regeneration” May 2010
- Neuropathy Summit, Washington DC, “Where is the Research Going?” (2 presentations), December, 2010
- Regeneration and diabetic neuropathy, FASEB meeting symposium, Washington DC, April 2011
- Calgary Neuropathy Society (lay group), “Where is the Research Going”, Calgary, March, 2011
- Japanese Diabetes Society, “Diabetic neuropathy: Ideas on pathogenesis and therapy”, Symposium presentation, Sapporo, Japan, May, 2011
- National Cancer Institute, National Institutes of Health, Chemotherapy-induced peripheral neuropathy workshop, “Diabetes, Neurodegeneration and Insulin”, Bethesda, June 2011
- Peripheral Nerve Society, Presidential Lecture, “The Beauty and Challenge of Peripheral Nerve Regeneration”, Bolger Center Maryland, June, 2011
- NeuroDiab meeting, Debate on Neuropathic Pain Guidelines, Porto, Portugal, September 2011

- University of Alberta, Grand Rounds, “New axons: the challenges of beauty of peripheral nerve regrowth” , Edmonton, November 25, 2011
- Foundation for Peripheral Neuropathy, Research Symposium, Innovative therapies for Peripheral Neuropathies, “Experimental models of diabetic polyneuropathy”, Chicago, March 15, 2012
- A.L. Chapman Student Research Forum, Kansas University Medical Center, University of Kansas, Keynote lecture “Reconnecting: the elegance and challenges of nerve regrowth”, Kansas City, March 30, 2012
- American Academy of Neurology, Integrative Session on Nerve Regeneration , Co-Organizer, Co-Chair and Presenter (two sessions), “Regenerative Steps” and “Roadblocks to Nerve Repair” New Orleans, LA, April 22, 2012
- The Fifth Annual Diabetes Symposium of Wisconsin, Speaker, “Diabetic Neuropathy”, Milwaukee, WI, May 18, 2012
- NeuroDiab 2012, 22nd Annual meeting, Speaker, “GLP-1 and diabetic neuropathy: beyond glucose control”, Dresden, Germany, September 30, 2012
- GBSCIDP Annual meeting, Speaker, “Neural Repair”, Fort Worth, Tx, October 26, 2012
- University of Toronto Citiwide Endocrine Rounds, “Diabetic neuropathy: Mechanisms and Avenues” April 5, 2013
- Experimental Biology, American Society of Pharmacology and Experimental Therapeutics, Neuron Glial Biology workshop, “Regeneration-related axon and Schwann cell interactions”, Boston, April 22, 2013
- University of Louisville, Spinal cord research Center, “The challenge and beauty of peripheral nerve regrowth”, Louisville, April 17, 2014
- Canadian Society of Pharmacology and Therapeutics, “Neurological complications of diabetes: clinical and mechanistic thoughts” Winnipeg, June 13, 2014
- International Federation of Clinical Chemistry and Laboratory Medicine, Biomarkers in Neuropsychiatric disorders, “Biochemical and molecular aspects of diabetic polyneuropathy” Toronto, October 24, 2014
- Diabetes update in the 21st Century. A symposium in honor of Professor Soroku Yagihashi, “Diabetes and the sensory neuron”, Tokyo, January 31, 2015
- American Pain Society, “Peripheral nerves and their damage”, Palm Springs, May 14, 2015
- Case Western Reserve University Neuroscience Seminar, "The Beauty and Challenge of Nerve Regeneration", Cleveland, May 28, 2015
- Case Western Reserve University Neurology Grand Rounds, “Diabetes and the Nervous System” “Cleveland, May 29, 2015
- The Henry Dinsdale Lectureship, Queen’s University, “Peripheral nerves, neuropathy and diabetes”, Kingston, June 25, 2015
- Neuromuscular case rounds, Queen’s University, A patient with a myopathy, Kingston, June 25, 2015
- Peripheral Nerve Society Teaching course, “Update on diabetic neuropathy”, Mte St. Anne, Quebec, June 27, 2015
- Brainstorming Workshop for the RGC GRF /ECS 2016-17 Exercise;Research Centre of

Heart, Brain, Hormone & Healthy Aging; Li Ka Shing Faculty of Medicine, The University of Hong Kong, "Capturing significance, passion and science in an outstanding grant application: perspectives from Canada", Hong Kong, August 24, 2015

- Brainstorming Workshop for the RGC GRF /ECS 2016-17 Exercise; Research Centre of Heart, Brain, Hormone & Healthy Aging; Li Ka Shing Faculty of Medicine, The University of Hong Kong, "Peripheral neurons, plasticity, diabetes and regeneration: reversing neuropathy", Hong Kong, August 26, 2015
- Dalhousie Neuroscience Research Day, Dalhousie University, Halifax, "Peripheral neurons, plasticity, diabetes and regeneration: reversing neuropathy" March 23, 2016
- Edmonton Pain Interest Group, Edmonton, "Mechanisms of Neuropathic Pain" March 6, 2017
- Japanese Diabetes Society, Nagoya, Japan, "Keynote: Diabetic polyneuropathies and treatment of diabetic polyneuropathy" May 20, 2017
- Canadian Neurological Sciences Federation, Trends in the Neurosciences, Victoria, BC, "Peripheral nerves, regeneration, and neurobiology" June 20, 2017 [Session CoChair]
- International Symposium on Peripheral Nerve Regeneration, Barcelona, Spain, "Keynote lecture: Overcoming intrinsic roadblocks to peripheral neuron growth", July 8, 2017 [Meeting Session CoChair]
- Peripheral Nerve Society, Diabetic Neuropathy: Branching Out, New Insights into Disease Pathogenesis, Session CoChair, Sitges Spain, July 10, 2017
- Endocrine Day, University of Alberta, "Diabetic neuropathy", Edmonton AB October 12, 2017
- Western Canada Neuromuscular Meeting, "Diabetic neuropathy", Edmonton AB, October 13, 2017
- ADI Special Presentations to Diabetes Canada, "Diabetic neuropathy", Edmonton AB, October 31, 2017
- Diabetes Canada meeting, Complications Symposium, "Diabetic neuropathy", Edmonton AB November 3, 2017
- International Diabetic Neuropathy Consortium (IDNC) meeting, "New molecular mechanisms in diabetic neuropathy" Aarhus Denmark, June 7, 2018
- Peripheral Nerve Society. "Therapy for diabetic polyneuropathy: the case for insulin. Baltimore, USA, July 22, 2018.
- Diabetes Canada Annual Conference. "Beyond the foot: autonomic and other neuropathies". Halifax, Nova Scotia, October 11, 2018.
- Neuroscience presentation, University of Saskatchewan. "Limits to growth: Regenerating axons, plasticity and neuropathy". Saskatoon, Saskatchewan, November 29, 2018
- Peripheral Nerve Society. "Intrinsic growth and plasticity pathways: an expanding list", Genoa, Italy, June 25, 2019
- GBS/CIDP Society of Canada National Meeting. "How to grow nerves back", Toronto, October 26, 2019.
- Robert G. Lee Lectureship (clinical), Department of Clinical Neurosciences, University of Calgary, "Our Wired Nerves: Neuropathies, Diabetes and Regrowth", Zoom virtual presentation, 0900; November 20, 2020.

- Robert G. Lee Lectureship (basic), Hotchkiss Brain Institute, University of Calgary, "On the plasticity of adult sensory neurons", Zoom virtual presentation, 1200pm; November 20, 2020.
- Grand Rounds, University of Michigan, "Our Wired Nerves. The Human Nerve Connectome", Zoom virtual presentation, September 8, 2021

(ii) Major intramural presentations (excluding teaching; 2010-)

- Department of Clinical Neurosciences, "Frontiers of Nerve Regeneration", September, 2010
- Department of Psychology, University of Calgary, "Nerve Regeneration", February, 2011
- Immunology Research Group, University of Calgary, "Diabetic Neuropathy", March 2011
- Hotchkiss Brain Institute, Research Day, "New axons: The challenges and beauty of peripheral nerve growth" May 13, 2011
- Hotchkiss Brain Institute, Glial Biology Workshop, "The Axon-Schwann cell dance", March 6, 2012
- Southern Alberta Cancer Research Institute (SACRI) Seminar, "The beauty and challenge of peripheral nerve regeneration, January 11, 2013
- Department of Internal Medicine Grand Rounds, University of Calgary "Diabetic neuropathy", April 9, 2013
- Alberta Diabetes Institute Seminar, University of Alberta, "Diabetic neuropathy", October 27, 2014
- Sensorimotor Rehabilitation Neuroscience Group, "The beauty and challenge of peripheral nerve regeneration", May 22, 2015
- Neurology Update Conference, "Approach to Neuropathy and Pain", April 30, 2016
- Division of Neurology Dinner, "State of the Division", April 30, 2016
- Division of Endocrinology, "Diabetic polyneuropathy", January 12, 2017
- Neuroscience and Mental Health Institute seminar, "Neurobiology of regeneration in peripheral neurons", January 24, 2017
- Neurosciences Rounds, "Our Wired Nerves: The Human Nerve Connectome", December 10, 2021
- Neuroscience Seminar, "On the Plasticity of Sensory Neurons". March 15, 2022

(iii) Media presentations (2014-)

- CJSW 90.9 FM Radio University of Calgary. 'Nerve Regeneration'. Recorded June 26, 2014
- Neuropathy Association, New York, Webinar. "What New Neuropathy Research Can We Be Hopeful About?" Presentation and Q+A June 24, 2014 (available on Youtube)
- Media Event. Regeneration Unit in Neurobiology, Hotchkiss Brain Institute. "Enhancing adult nerve regeneration through the knockdown of retinoblastoma protein." April 22, 2014
 [U of C research could improve recovery from nerve damage Calgary Herald | 04.22.14
 Tricky task of regenerating nerves made easier by University of Calgary research Metro | 04.22.14
 New research looks into cancer growth as a solution to regenerate damaged nerves 660News | 04.22.14
 Peripheral Neuropathy And Injuries Causing Nerve Damage May Be Healed With New Technique Medical Daily| 04.22.14

Inactivation of Protein Retinoblastoma Promotes Nerve Cell Growth Science World Report | 04.22.14
 Scientists Discover A New Way To Enhance Nerve Growth Following Injury RedOrbit | 04.22.14
 Scientists discover a new way to enhance nerve growth following injury
 Breakfast Television Calgary | 04.22.14 (No clip available)
 Scientists discover a new way to enhance nerve growth following injury
 CBC News | 04.22.14 (No clip available)
 Scientists discover a new way to enhance nerve growth following injury
 CTV News | 04.22.14 (No clip available)
 Scientists discover a new way to enhance nerve growth following injury
 Global TV Calgary | 04.22.14 (No clip available)]

X. PUBLICATIONS [h-index Scopus-65; citations 14505]

(i) Research Papers (peer reviewed) [*trainees]

1. Feasby TE, Gilbert JJ, Brown WF, Bolton WF, Hahn AF, Koopman WF, **Zochodne DW**. An acute axonal form of Guillain-Barre polyneuropathy. *Brain* 109:1115-1126, 1986.
2. **Zochodne DW**, Bolton CF, Wells GA, Gilbert JJ, Hahn AF, Brown JD, Sibbald WA. Critical illness polyneuropathy: a complication of sepsis and multiple organ failure. *Brain* 110:819-841, 1987.
3. **Zochodne DW**, Young GB, McLachlan RS, Gilbert JJ, Vinters HV, Kaufmann JCE. Creutzfeldt-Jakob disease without periodic sharp wave complexes: a clinical, electroencephalographic, and pathologic study. *Neurology* 38:1056-1060, 1988.
4. **Zochodne DW**, Thompson RT, Driedger AA, Strong MJ, Gravelle D, Bolton CF. Metabolic changes in human muscle denervation: topical ^{31}P NMR spectroscopy studies. *Magnetic Resonance In Medicine* 7 (4): 373-383, 1988.
5. **Zochodne DW**, Ward KK, Low PA. Guanethidine adrenergic neuropathy: an animal model of selective autonomic neuropathy. *Brain Research* 461(1):10-16, 1988.
6. Ward KK, Low PA, Schmelzer JD, **Zochodne DW**. Prostacyclin and noradrenaline in peripheral nerve of chronic experimental diabetes in rats. *Brain* 112:197-208, 1989.
7. Schmelzer JD, **Zochodne DW**, Low PA Ischemic and reperfusion injury of rat peripheral nerve. *Proceedings of the National Academy of Sciences of United States of America*. 86(5):1639-1642, 1989.
8. **Zochodne DW**, Low PA, Dyck PJ. Adrenergic sympathectomy ablates unmyelinated fibres in rat "preganglionic" cervical sympathetic trunk. *Brain Research* 498 (2):221-228, 1989.
9. **Zochodne DW**, Huang ZX, Ward KK, Low PA. Guanethidine-induced adrenergic sympathectomy augments endoneurial perfusion and lowers endoneurial microvascular resistance. *Brain Research* 519:112-117, 1990.
10. **Zochodne DW**, Low PA. Adrenergic control of nerve blood flow. *Experimental Neurology* 109:300-307, 1990
11. **Zochodne DW**, Ho LT. Endoneurial microenvironment and acute nerve crush injury in the rat sciatic nerve. *Brain Research* 535:43-48, 1990.
12. Young GB, Gilbert JJ, **Zochodne DW**. The significance of myoclonic status epilepticus in postanoxic coma. *Neurology* 40:1843-1848, 1990.

13. Witt NJ, **Zochodne DW**, Bolton CF, Grand'Maison F, Wells G, Young GB, Sibbald WJ. Peripheral nerve function in sepsis and multiple organ failure. *Chest* 99 (1):176-184, 1991.
14. **Zochodne DW**, Ho LT. Stimulation-induced endoneurial hyperaemia: mediation by unmyelinated fibres innervating vasa nervorum? *Brain Research* 546:113-118, 1991.
15. **Zochodne DW**, Ho LT. Unique microvascular characteristics of the dorsal root ganglion of the rat. *Brain Research* 559:89-93, 1991.
16. **Zochodne DW**, Ho LT. Influence of perivascular peptides on endoneurial blood flow and microvascular resistance in the sciatic nerve of the rat. *Journal of Physiology* 444:615-630, 1991.
17. **Zochodne DW**, Koopman WJ, Witt NJ, Thompson T, Driedger AA, Gravelle D, Bolton CF. Forearm P-31 Nuclear magnetic resonance spectroscopy studies in oculopharyngeal muscular dystrophy. *Canadian Journal of Neurological Sciences* 19 (2):174-179, 1992.
18. **Zochodne DW**, Ho LT. Normal blood flow, but lower oxygen tension in diabetes of young rats: microenvironment and the influence of sympathectomy. *Canadian Journal of Physiology & Pharmacology* 70 (5):651-659, 1992.
19. Gross PM, **Zochodne DW**, Wainman DS, Ho LT, Espinosa FJ, Weaver DF. Intraventricular endothelin-1 uncouples the blood flow: metabolism relationship in periventricular structures of the rat *Brain*: involvement of L-type calcium channels. *Neuropeptides* 22:155-165, 1992.
20. **Zochodne DW**, Ho LT. The influence of indomethacin and guanethidine on experimental streptozotocin diabetic neuropathy. *Canadian Journal of Neurological Sciences* 19, 433-441, 1992.
21. **Zochodne DW**, Ho LT. Hyperemia of injured peripheral nerve: sensitivity to CGRP antagonism. *Brain Research* 598:59-66, 1992.
22. **Zochodne DW**, Ho LT, Gross PM. Acute endoneurial ischemia induced by epineurial endothelin in the rat sciatic nerve. *American Journal of Physiology* 263: H1806-H1810, 1992.
23. **Zochodne DW**, Ho LT. Evidence that capsaicin hyperaemia of rat sciatic vasa nervorum is local, opiate-sensitive and involves mast cells. *Journal of Physiology* 468:325-333, 1993.
24. Ramsay DA*, **Zochodne DW**, Robertson DM, Nag S, Ludwin SK A syndrome of acute severe muscle necrosis in intensive care unit patients. *Journal of Neuropathology & Experimental Neurology* 52:387-398, 1993.
25. **Zochodne DW**, Ho LT. Diabetes mellitus prevents capsaicin from inducing hyperaemia in the rat sciatic nerve. *Diabetologia* 36(6):493-496, 1993.
26. **Zochodne DW**, Ho LT. Vasa nervorum constriction from substance P and calcitonin gene-related peptide antagonists: sensitivity to phentolamine and nimodipine. *Regulatory Peptides* 47:285-290, 1993.
27. **Zochodne DW**, Ho LT. Sumatriptan blocks neurogenic inflammation in the peripheral nerve trunk. *Neurology* 44:161-163, 1994.
28. **Zochodne DW**, Ramsay DA*, Saly V*, Shelley S, Moffatt S. Acute necrotizing myopathy of intensive care: electrophysiological studies. *Muscle & Nerve* 17:285-292, 1994.
29. **Zochodne DW**, Murray M, Nag S, Riopelle R. A segmental chronic pain syndrome in rats associated with intrathecal infusion of NMDA: Evidence for selective action in the dorsal horn. *Canadian Journal of Neurological Sciences* 21:24-48, 1994.

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31. **Zochodne DW**, Ho LT. The influence of sulindac on experimental streptozotocin - induced diabetic neuropathy. *Canadian Journal of Neurological Sciences* 21:194-202, 1994.
32. **Zochodne DW**, Ho LT, Allison JA. Dorsal root ganglia microenvironment of female BB Wistar diabetic rats with mild neuropathy. *Journal of Neurological Sciences* 127:36-42, 1994.
33. **Zochodne DW**, Nguyen, C*, Sharkey KA. Accumulation and degranulation of mast cells in experimental neuromas. *Neuroscience Letters* 182:3-6, 1994.
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38. Hahn AF, Bolton CF, **Zochodne DW**, Feasby TE. Intravenous immunoglobulin treatment (Ivlg) in chronic inflammatory demyelinating polyneuropathy: a double-blind placebo-controlled cross-over study. *Brain* 119: 1067-1077, 1996.
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43. Theriault M, Dort, J, Sutherland G, **Zochodne DW**. Local human sural nerve blood flow in diabetic and other polyneuropathies. *Brain* 120 (Pt 7): 1131 -1138, 1997.
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56. Ashworth NL*, **Zochodne DW**, Hahn AF, Pillay N, Chalk C., Benstead T, Bril V, Feasby TE, Bolton CF Impact of plasma exchange on indices of demyelination in chronic inflammatory demyelinating polyradiculoneuropathy (CIDP): results from the Canadian Multicenter Trial. *Muscle & Nerve* 23(2), 206-210, 2000.
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XI. TRAINEE SUPERVISION (past 10 years)

(i) Undergraduate students

1. Honyi Ong 2019-2020 [498,499]
2. Liam McCoy 2016-2018 [467,summer student]
3. Mena Burr [summer student 2019]
4. Edward Guo [summer student 2019,2020]
5. Yannick Fouad [summer student 2021]
6. Kaylynn Purdy [summer student 2015]

(ii) Graduate students

1. Bhagat Singh 2008-2013 [UofC] PhD
2. Shane Eaton 2013-2016 [UofC] MSc
3. Kasia Zubkow 2016-2018 MSc
4. Trevor Poitras 2016-2018 MSc
5. Honyi Ong 2020-2022 MSc; 2023PhD in progress
6. Trevor Poitras 2020- PhD in progress
7. Rebecca Long 2018-2020 [assumed supervisory role from previous supervisor] PhD

(iii) Postdoctoral students

1. Bhagat Singh 2013-2014
2. Masaki Kobayashi 2013-2015
3. Arul Duraikannu 2013-2020
4. Anand Krishnan 2011-2019
5. Ambika Chandrasekhar 2014-2019
6. Aparna Areti 2018- [with maternity leave]
7. Prashanth Komirishetty 2016-2021
8. Jesi Bautista 2017-2019