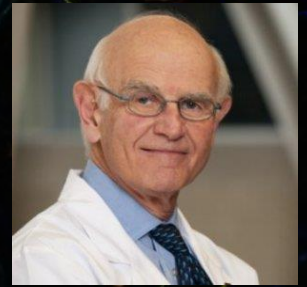


THE 21ST ANNUAL
TATOR-TURNBULL
SPINAL CORD INJURY SYMPOSIUM

FRIDAY, OCTOBER 21st
BMO CONFERENCE & EDUCATION CENTRE
Toronto Western Hospital
60 Leonard Ave
12:00 – 5:00 pm

HYBRID MEETING

***MECHANISM-BASED REPAIR AFTER
SPINAL CORD INJURY***



Dr. Charles Tator



Barbara Turnbull



MICHAEL SOFRONIEW, MD, PhD
PROFESSOR, UCLA
KEYNOTE SPEAKER



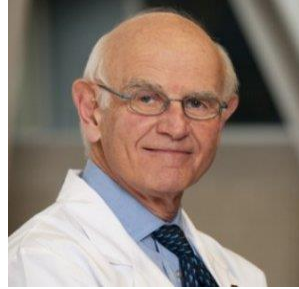
Dr. Michael Fehlings
Organiser

THE TATOR-TURNBULL SYMPOSIUM

We are delighted to welcome you to the 21st Annual Tator-Turnbull Spinal Cord Injury Symposium. After two years of hosting this event as a virtual symposium, we are excited to welcome attendees back in-person. Additionally, we have enabled a hybrid option so that those out-of-town can attend the meeting virtually. This event aims to bring information about cutting edge spinal cord injury research to the wide community of those interested in the area, with special attention to including those living with an injury, as well as their friends and families.



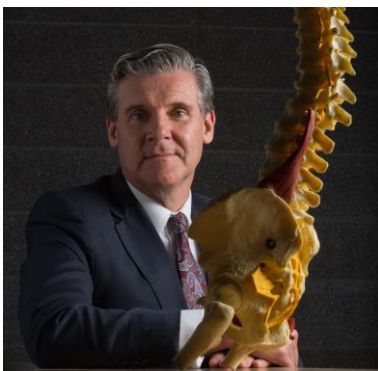
Barbara Turnbull



Dr. Charles Tator

After being shot at the age of 18 during a convenience store robbery, which left her paralyzed from the neck down, Barbara Turnbull went on to become a journalist and a tireless advocate and research activist for those living with spinal cord injury.

Dr. Charles Tator, who treated Barbara when she came into the ER after the shooting, has a legacy which includes establishing the first dedicated spinal cord injury unit in Ontario, providing excellence in the care of individuals with spinal cord injury, directing an internationally acclaimed basic and clinical research program, leading efforts aimed at preventing brain and spinal injuries, and also as a teacher and mentor to countless neurosurgeons and researchers.



Dr. Michael Fehlings

Dr. Michael Fehlings hosts and organizes The Charles H. Tator-Barbara Turnbull Spinal Cord Injury Symposium each year to honour Charles Tator and Barbara Turnbull, who shared a special doctor-patient friendship. The event recognizes their enormous contribution, energy and drive in the area of spinal cord injury research. The symposium is an excellent platform for researchers, students, as well as members of the community to come together and exchange ideas that continue to advance the field of spinal cord injury patient management.

AGENDA

REGISTRATION

11.45 Doors Open & Registration

WELCOME REMARKS

12.00 Michael Fehlings & Albert Yee – Co-Chairs of the UofT Spine Program

Gelareh Zadeh – Chair of Neurosurgery, UofT

Brad Wouters – Executive VP of Science and Research, UHN

Jaideep Bains – Director of the Krembil Research Institute

James Rutka – Past Chair of the Department of Surgery, UofT

Zhong-Ping Feng – Director of the Collaborative Program in Neuroscience, UofT

Stuart Howe – CEO, Spinal Cord Injury Ontario

SPEAKER SESSION I

12.20 Next Generation Neural Stem Cells for Spinal Cord Repair and Regeneration

Michael Fehlings, MD, PhD, FRCSC, FACS

**12.35 Management of Mild Traumatic and Non-traumatic Spinal Cord Injury:
How Do We Move Forward?**

Jefferson Wilson, MD, PhD, FRCSC

**12.50 Bone Health and New Guidelines for the Growth and Development of the Ontario SCI
Consortium**

Cathy Craven, BA, MD, FRCPC, MSc

13.05 Discussion

SPEAKER SESSION II

**13.15 Determinants of Outcomes After Traumatic Spinal Cord Injury, Beyond
the Level and Severity of Injury**

Julio Furlan, MD, LLB, MBA, PhD, MSc, FRCPC

**13.30 The Response of Neural Progenitor Cells with Cortical and Spinal Cord Identity to Notch
Signalling in the Injured Spinal Cord Microenvironment**

Mohamad Khazaei, PhD

13.45 Blocking Inhibitory RGMa Promotes Repair After Spinal Cord Injury

Andrea Mothe, PhD

14.00 Post-Traumatic SCBF and Ischaemia of the Spinal Cord: 50th Anniversary Review

Charles Tator, OC, MD, PhD, FRCSC, FACS

14.15 Discussion

AGENDA

BREAK

14.25 Tea / Coffee

POSTER SESSION

14.35 Oral Poster Sessions

15.10 Discussion

15.20 2022 Turnbull-Tator Award Announcement – Brain Canada

Viviane Poupon, PhD

15.25 Oral Presentation - Winner of the Brain Canada 2022 Turnbull-Tator Award in SCI

*Development and translation of an implantable hemodynamic therapy
for people with spinal cord injury*

Aaron Phillips, PhD

15.40 – Discussion

BREAK

15.50 Tea / Coffee

16.00 TATOR-TURNBULL SYMPOSIUM KEYNOTE ADDRESS / CPIN DISTINGUISHED LECTURE

Mechanism-based repair after spinal cord injury

Michael Sofroniew, MD, PhD

16.45 Discussion

16.55 TRIBUTE TO BARBARA TURNBULL

Charles Tator, OC, MD, PhD, FRCSC, FACS

Barbara Turnbull Family Members

17.05 Closing Remarks

Michael Fehlings

KEYNOTE SPEAKER

Each year a distinguished individual is invited to give the Tator-Turnbull keynote address. The speaker is a scientist or advocate in the spinal cord injury field that has made a significant contribution to addressing challenges for those living with this injury. This individual demonstrates leadership in the field and a commitment to finding a cure; qualities synonymous with Charles Tator and Barbara Turnbull.



Dr. Michael Sofroniew, MD, PhD

Professor, Neurobiology
University of California Los Angeles

Michael Sofroniew received an M.D. from the Ludwigs-Maximilians University in Munich (1981) and a D.Phil. in Neuroscience from the University of Oxford (1984). After a surgical internship at Johns Hopkins University, he began a full-time research career as a faculty member at the University of Cambridge (1986-2000), where he was a founding member of the Cambridge Centre for Brain Repair. He moved to the University of California Los Angeles (UCLA) in 2000, where he is currently a Distinguished Professor in the Department of Neurobiology. Work in his laboratory is directed at understanding the biology of injury and repair in the adult central nervous system, with a particular focus on dissecting the cellular and molecular mechanisms of why axon regeneration fails after spinal cord injury and how this failure can be reversed by mechanism-based approaches.

Past Keynote Speakers

- 2021 Dr. Gregoire Courtine & Dr. Jocelyne Bloch, University Hospital Lausanne
- 2020 Dr. Wolfram Tetzlaff, University of British Columbia
- 2019 Dr. Brian Kwon, University of British Columbia
- 2018 Dr. Mark Tuszynski, The University of California - San Diego
- 2017 Dr. Dalton Dietrich, The Miami Project to Cure Paralysis, University of Miami
- 2016 Dr. Claes Hultling, Karolinska Institute, Sweden
- 2015 Dr. Jan Schwab, Ohio State Wexner Medical Center
- 2014 Dr. Ole Kiehn, Karolinska Institute, Sweden
- 2013 Drs. Derek van der Kooy, Cindi Morshead, and Andras Nagy, University of Toronto
- 2012 Dr. Susan Harkema, University of Louisville
- 2011 Dr. Armin Curt, University of Zurich
- 2010 Dr. V. Reggie Edgerton, Brain Research Institute, UCLA
- 2009 Dr. James Fawcett, Cambridge University Centre for Brain Repair, United Kingdom
- 2008 Dr. Jerry Silver, Case Western Reserve University
- 2007 Dr. Serge Rossignol, University of Montreal
- 2006 Dr. Arthur Prochazka, University of Alberta
- 2005 Dr. John Steeves, International Collaboration On Repair Discoveries (ICORD), British Columbia
- 2004 Prof. Eva Sykova, Institute of Experimental Medicine, Czech Republic
- 2003 Dr. Lars Olson, Karolinska Institute, Sweden
- 2002 Mr. Rick Hansen, Rick Hansen Institute, British Columbia

SPEAKER BIOGRAPHIES



Cathy Craven is the Toronto Rehabilitation Institute / University of Toronto Chair in Spinal Cord Injury SCI Rehabilitation and a Professor in the Division of Physical Medicine and Rehabilitation, Department of Medicine with cross appointments in the Institutes of Health Policy Management and Evaluation and Rehabilitation Sciences at the University of Toronto. Dr. Craven is a Senior Scientist at KITE and leads the field with her clinical and research expertise in the prevention and management of osteoporosis and health service innovation for individuals living with spinal cord injury. Dr. Craven has published extensively on related topics. External to UHN, Dr. Craven is a Fellow of the American Spinal Injury Association, Co-Chair of the 1-9th National SCI Conference, Chair of the Canadian Spinal Cord Injury – Rehabilitation Association (CSCI-RA), and a Member of the Osteoporosis Canada Scientific Advisory Board.



Michael G. Fehlings received his MD degree from the University of Toronto (UofT) in 1983, and completed his general surgical training at Queen's University. Upon returning to UofT, he completed his neurosurgical training as well as PhD, and received his Fellowship of the Royal College of Surgeons of Canada. He is currently Professor and Vice Chair of Research in the Department of Surgery at UofT, a McLaughlin Scholar in Molecular Medicine, Senior Scientist at the McEwen Centre for Regenerative Medicine, Co-Director of the UofT Spine Program, Neurosurgeon at Toronto Western Hospital and Halbert Chair in Neural Repair and Regeneration. Dr. Fehlings combines an active clinical practice in complex spinal surgery with a translationally oriented research program focused on discovering novel treatments for the injured spinal cord.

Dr. Fehlings has received numerous awards including the Gold Medal in Surgery from the Royal College of Physicians and Surgeons, the Olivecrona Award from the Karolinksa Institute, and the Golden Axon Leadership Award. In 2013, Dr. Fehlings was recognized with the Queen Elizabeth II Diamond Jubilee Medal presented to him by the Honourable Stephen Harper, and In 2014 he was elected to the Fellowship of the Royal Society of Canada and to the Canadian Academy of Health Sciences. He was awarded the Regional Mentor of the Year award in 2016 from the Royal College of Physicians and Surgeons of Canada for his significant impact on the career development of medical residents and fellows. In 2017, he was awarded the Dave Lostchuck People's Choice Award for outstanding SCI Scientist, and he was recently awarded the prestigious Ryman Prize as well as the Vilhelm Magnus Medal. He is currently President of the International Neurotrauma Society and Chair of the AO Clinical Investigation and Documentation Advisory Committee.

SPEAKER BIOGRAPHIES



Zhong-Ping Feng is Professor and a Graduate Coordinator in the Department of Physiology, the Director for International Development at the Institute of Medical Science, and the Director of the Collaborative Program in Neuroscience. She completed her MD at Zhongshan Medical College, Residency in Peking Union Hospital, China, her MSc at the University of Alberta, and her PhD at the University of Calgary. Professor Feng's lab investigates the biophysical and pharmacological properties of ion channels and calcium-dependent regulatory mechanisms of neurodevelopment and neural plasticity, in order to identify potential drug targets for neurodevelopmental and neurological disorders. She has published over 120 peer-reviewed research articles and reviews, and given numerous invited lectures at international/national conferences or universities. Her work has been funded by CIHR and NSERC. Professor Feng has served on a number of international (i.e. China, France, Netherlands, US), and national (i.e. CIHR, NSERC) grant review committees as well as institutional program review committees.



Julio Furlan is a staff neurologist and a Clinician Investigator in the Division of Physical Medicine and Rehabilitation and the SCI Rehabilitation Program at the Lyndhurst Centre, Toronto Rehabilitation Institute, University Health Network, and an Assistant Professor in the Department of Medicine, Division of Physical Medicine and Rehabilitation, University of Toronto. He completed residency training in Adult Neurology at the University of Toronto in June 2014. Most recently he completed a clinical fellowship in Neurorehabilitation and Neural Repair at Toronto Rehabilitation Institute, Sunnybrook Hospital and University of Toronto (2014 to June 2016).

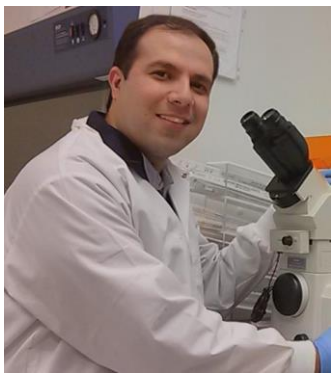
Dr. Furlan has extensive training and research expertise. He is a trained head and neck surgeon from Brazil, who holds a MBA degree in Health Administration, an MSc degree in Clinical Epidemiology, and a PhD degree in Neuroanatomy. In the past, Dr. Furlan has worked as an Associate Research Scientist in the Department of Genetics and Development, Toronto Western Research Institute, University Health Network from 2007 to 2012. Dr. Furlan has also been an Adjunct Scientist at Toronto Rehabilitation Institute, University Health Network from 2009-2016, inclusive. Dr. Furlan's research has been focused on outcome measures (including clinical assessments, neuroimaging analysis, and neurophysiological assessments) and predictors of outcome (including sex and age) after spinal cord injury. In addition he has interest and expertise in secondary complications after spinal cord injury and economic analyses.

SPEAKER BIOGRAPHIES



Stuart Howe is the Chief Executive Officer of Spinal Cord Injury Ontario - a charitable organization that is an ongoing, life-long resource for people with spinal cord injuries, their families, friends and the professionals in their service. Stuart applies his proven track record in fostering innovation, building partnerships, growing revenues and running operations, to ensure the organization's success. Throughout his career, Stuart has continuously challenged the established norms of not-for-profit business practices, and has successfully translated innovations into commercial products. Through his work, he has built robust business partnerships. He has launched new technology companies and service businesses. In doing so, he has become skilled at securing research and development funding, implementing LEAN process improvements, and growing new, sustainable, revenue streams.

Stuart has a PhD in Chemistry from the University of Essex and is a registered patent agent. He has worked for one of Canada's largest national law firms and spent 16 years in various business roles at Canada's premier children's hospital. He has consulted on innovation and business development for a number of hospitals and community service providers, and has served as a director and officer of several for-profit and not-for-profit organizations.



Mohamad Khazaei completed his undergraduate degree in Iran and received his MSc from Tehran University. For his PhD, he studied at Muenster University; working on signaling and molecular pathways that regulate asymmetric cell polarity in neural stem cells, neuroblasts and neurons at early stages of development. He then moved to the Montreal Neurological Institute (MNI) at McGill in 2010 to pursue his postdoctoral fellowship examining molecular mechanisms involved in neuronal outgrowth, pathfinding and regeneration. Now a Scientific Associate at UHN, Mohamad uses his expertise to study human pluripotent stem cells (ES and iPS) as a regenerative cell therapy for nervous system injury and disease. He has also been able to generate several novel types of neuroglial lines, including neural cells with a cortical brain identity, spinal cord identity, oligodendrogenic and neurogenic stem cells and inhibitory/excitatory neurons using genetic and cell engineering approaches.



Andrea Mothe is a neuroscientist in the laboratory of Dr. Charles Tator. She received her PhD in developmental neurobiology from the University of Toronto and postdoctoral training in spinal cord injury at the Toronto Western Research Institute. She was the recipient of several awards including fellowships from the Canadian Institutes of Health Research and the Ontario Neurotrauma Foundation. Andrea has investigated neural stem cell therapy for spinal cord injury and bioengineering approaches to direct differentiation and promote graft survival. Notably, this team first showed that neural stem cells exist in the adult human spinal cord. Andrea is currently examining therapeutic strategies to reduce inhibitory signals after spinal cord injury to promote repair.

SPEAKER BIOGRAPHIES



Aaron Phillips was trained in Experimental Medicine, Biosciences and Mathematics. His appreciation of the interactions between the nervous and cardiovascular systems, and understanding how these systems are disrupted in the presence of clinical conditions, has driven his research into the development of novel therapies for people with neurological health issues. After obtaining the Banting, CIHR, NSERC, Heart & Stroke Foundation, and Craig Neilsen Fellowships as well as the Killam Research Award during his post-doc at the University of British Columbia (UBC), he established his laboratory at the University of Calgary in 2017. He is now a Professor of Physiology and Pharmacology, Clinical Neurosciences, and Cardiac Sciences. Within the Foothills Medical Centre, he is Director of RESTORE.net, which is a platform dedicated to developing translational technology

for neurological injury. He has received the Brain Canada Future Leader Award, The Arthur Guyton Award in Excellence in Physiology from the American Physiological Society, and the Top 40 Under 40 from Avenue Magazine. He has funding from several organizations including CIHR, NSERC, PRAXIS, Wings for Life, and the US Military through DARPA. He also publishes in top journals including Nature, Neurology, and Nature Biotechnology.



Vivianne Poupon is President and Chief Executive Officer of the Brain Canada Foundation. Previously, she held the position of Director, Scientific Development and Partnerships at The Neuro, the Montreal Neurological Hospital Institute of McGill University. As such, she oversaw the development of new major research initiatives and alliances, including international initiatives, and led the transformation of The Neuro into an open science institute. She also served as COO of the Tanenbaum Open Science Institute. Previously, she held the position of Deputy Director, Scientific Affairs at the Quebec Health Research Fund (FRSQ) where she oversaw the management of scientific programs and acted as an interlocutor with provincial, federal and international scientific funding organizations.

She advised the funding agency on governance, organizational restructuring and change management during a restructuring during which she was appointed Interim Scientific Director and member of the Board of Directors. A graduate of the École normale supérieure-Paris, Viviane Poupon holds a doctorate in immunology from the Pierre and Marie Curie University in Paris.



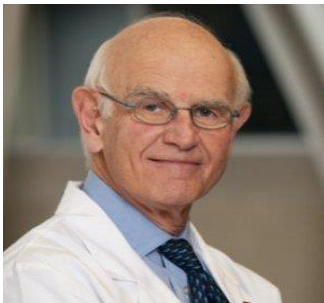
Jaideep Bains is the Director of the Krembil Research Institute. He studies how stress affects brain function and connections. His team is specifically interested in studying the effects of stress at the level of the connection between nerve cells, the synapse. His research has recently provided insight into how stress is remembered at the molecular level in the brain, and how hormones interact to feedback inhibit the response to stress through direct action on the brain. Dr. Bains' team studies techniques ranging from behavioral studies to the study of individual molecules at the level of the synapse, including studies of neural pathways using electrical recordings of activity and the latest optogenetics-based approaches.

SPEAKER BIOGRAPHIES



James Rutka assumed his appointment in the Department of Surgery, Division of Neurosurgery in 1990, and has been on the surgical staff at the Hospital for Sick Children in the Division of Pediatric Neurosurgery since that time. He has served a Co-Director of the Arthur and Sonia Labatt Brain Tumor Research Centre at the University of Toronto since 1998. From 1999-2010, Dr. Rutka held the Dan Family Chair in Neurosurgery at the University of Toronto, leading the world's largest neurosurgical training program. In 2011, he was selected as the R.S. McLaughlin Chairman of the Department of Surgery at the University of Toronto. Dr. Rutka has also served as the President of the American Association of Neurological Surgeons (2010-2011), President of the American Academy of Neurological Surgery (2011-2012), and in 2013 he was appointed as the seventh Editor-in-Chief of the Journal of Neurosurgery, the first Canadian neurosurgeon to

hold this prestigious role. Dr. Rutka's primary research and clinical interests relate to the science and surgery of human brain tumors. His laboratory interests lie in the molecular biology of human brain tumors - specifically in the determination of the mechanisms by which brain tumors grow and invade.



Charles Tator graduated from the Faculty of Medicine at The University of Toronto in 1961. He performed graduate studies in Neuropathology from 1961 – 1965 receiving his Masters and Ph.D. Degrees from the University of Toronto before entering the Neurosurgery Training program in 1965. He became a Fellow of the Royal College of Physicians and Surgeons of Canada in 1969. Dr. Tator joined the Neurosurgical Staff at Sunnybrook Medical Centre in 1969. Having served as Neurosurgeon-in-Chief at Sunnybrook from 1974-1984, Dr. Tator moved to The Toronto Western Hospital where he became Neurosurgeon-in-Chief from 1985-1988. He was appointed Chairman of the Division of Neurosurgery at the University of Toronto for a 10-year term beginning 1989. He is currently Professor in the Department of Surgery at The University of Toronto. His main clinical interests are in the neurosurgery of spinal diseases and acoustic neuromas. His research laboratory is dedicated to the study of acute spinal injury models.

SPEAKER BIOGRAPHIES



Jeff Wilson is a surgeon-scientist at St. Michael's Hospital and Associate Professor in the Department of Surgery at the University of Toronto. He currently holds the Labatt Endowed Chair in Neurosurgery at Unity Health. Dr Wilson's clinical practice is focused on the surgical management of complex disorders of the spine and spinal cord. He also leads a clinical research program investigating both traumatic and non-traumatic spinal cord injury, with a specific interest in the development of predictive models and algorithms to help guide treatment and forecast outcomes. His research has been supported through several grants from organizations including the Canadian Institutes of Health Research, the Christopher and Dana Reeve Foundation, AOSpine, Neurosurgery Research and Education Foundation and the Cervical Spine Research Society. Dr. Wilson currently chairs a national evidence based spine surgery course for residents and fellows and serves on the editorial boards of Journal of Neurosurgery Spine and Clinical Spine Surgery.



Brad Wouters is currently Executive Vice President of Science and Research at the University Health Network. Prior to this appointment, Dr. Wouters served as Director of Research (Interim) at the Princess Margaret Cancer Centre from 2014-2016. Dr. Wouters is also a Senior Scientist and Director of the Hypoxia and Microenvironment Program at the Princess Margaret Cancer Centre in Toronto and Professor in the Departments of Radiation Oncology and Medical Biophysics at the University of Toronto. He is cross-appointed as an Associate Chair of Graduate Studies and Director of Radiation Biology within the Department of Radiation Oncology as well as Senior Investigator in the Selective Therapy Program at the Ontario Institute for Cancer Research.

Dr. Wouters is an internationally recognized leader in the field of molecular radiation oncology with a primary interest in understanding the cellular and molecular responses to hypoxia and their influence on the biological behavior of tumours. He has published more than 175 peer-reviewed manuscripts, serves on the editorial boards of several journals, and has been an active faculty member of local, national and international teaching courses. Dr. Wouters is the recipient of several prestigious awards and honors, including the ESTRO Klaas Breur Award – Annual Gold Medal Award Lecture for 2011, the Michael Fry Radiation Research Award in 2009 from the Radiation Research Society and is a holder of a Senior Investigator Award with the Ontario Institute for Cancer Research.

SPEAKER BIOGRAPHIES



Albert Yee is the Holland Bone and Joint Program Chief and the Head of the Division of Orthopaedic Surgery at Sunnybrook Health Sciences Centre, where he holds the Marvin Tile Chair in Orthopaedic Surgery. Dr. Yee is an Orthopaedic Spine Surgeon at Sunnybrook Health Sciences Centre, an Associate Scientist (Physical Sciences Platform) at Sunnybrook Research Institute and a Consultant in Surgical Oncology, Bone Metastasis Clinic, Odette Cancer Centre. He is a Full Professor at the University of Toronto in the Institute of Medical Sciences with a cross appointment in the Institute of Biomaterials and Biomedical Engineering. He is the Vice Chair of Research in the Division of Orthopaedic Surgery and Co-Director of the University of Toronto's Department of Surgery Spine Program.

Dr. Yee is the Past President of the Canadian Orthopaedic Research Society, President-Elect of the Canadian Spine Society and Co-Chair of Bone & Joint Canada. He is the Canadian Lead for the Young Investigators Initiative (YII) of Bone & Joint Canada, and the US Bone & Joint Initiative, a grant mentorship and career development program. Dr. Yee has over 100 peer reviewed publications and has received academic honours including the American British Canadian (ABC) International Travelling Fellowship (American Orthopaedic Association / Canadian Orthopaedic Association, 2013), the Charles H. Tator Surgeon-Scientist Mentoring Award (2012), and the Canadian Orthopaedic Foundation J. Edouard Samson Award (2011). Dr. Yee's laboratory focuses on translational orthopaedic research utilizing pre-clinical surgical models to evaluate novel minimally invasive vertebral metastatic therapies (e.g. Photodynamic Therapy, Radiofrequency Ablation). His work has led to firsts in human clinical trials and FDA approval with commercialization of new minimally invasive spine technology. He has interest in understanding mechanisms of disease in cancer invasiveness to bone with an aim towards identifying potential new promising therapeutic targets.



Gelareh Zadeh is an Associate Professor at the Department of Surgery University of Toronto and Chair of Neurosurgery at University Health Network (UHN). She is a Neurosurgeon-Scientist at Toronto Western Hospital, UHN and was most recently appointed as the Wilkins Family Chair in Brain Tumor Research. Her clinical practice focuses on Skull Base Neuro-oncology, with dedicated general brain tumour clinic and many multidisciplinary clinics that she has established and is actively involved with such as skull base, pituitary, brain metastases, gamma knife and neurofibromatosis clinic. She is actively involved with and is dedicated to the goal of advancing surgical clinical trials. Her research laboratory is focused on studying the molecular mechanisms of glioma angiogenesis and molecular regulators of tumour metabolism. Specifically investigating the role of bone marrow derived cells in supporting tumour vasculature in gliomas and how differentiation into macrophage and microglia population plays a role in escape mechanisms of evading anti-angiogenic therapy. A second focus of the laboratory, on tumour metabolism, explores the interplay between altered metabolism in response to anti-angiogenic therapy. She also has a translational program, dedicated to establishing the genomic landscape of meningiomas and schwannomas.

TURNBULL-TATOR AWARD

The Turnbull-Tator Award, presented in partnership by the Barbara Turnbull Foundation for Spinal Cord Research and the Brain Canada Foundation, recognizes an outstanding publication by a Canadian researcher in the field of spinal cord and brain injury research. The Turnbull-Tator Award was originally established in 2001 in honour of Barbara Turnbull, and known as the Barbara Turnbull Award for Spinal Cord Research, in recognition of Barbara's tireless efforts to raise awareness about spinal cord injuries, and her advocacy for excellence in research done in Canada in this field.

This award aims to recognize an outstanding publication by a Canadian researcher in the field of spinal cord and brain injury research (including concussion) in the last two years. The winning publication includes novel and ground-breaking results that represents a major advancement for the research area and has the potential to generate new hypotheses. The award is open to all active investigators in any phase of their career, graduate students, and postdoctoral fellows conducting research at a Canadian institution.

You can learn more about Brain Canada [here](#).



The Barbara Turnbull Foundation for Spinal Cord Research



Barbara Turnbull Foundation
for spinal cord research
Fondation Barbara Turnbull
pour la recherche sur la moelle épinière



Medtronic



DePuy Synthes

Organizer:

Michael G. Fehlings, MD, PhD, FRCSC, FACS, FRSC, FCAHS
Professor of Neurosurgery
Vice-Chair Research, Department of Surgery
Co-Director, Spine Program
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