SPINAL CORD INJURY SUMMIT
Ross Auditorium, Ross Heart Hospital, 452 W 12th Ave, Columbus
May 19-20, 2017
The Ohio State University Neurological Institute

Contact: Melissa Stenger; scitp@osu.edu, Tel. 614-688-5501, Cell 614-204-9147

Friday: May 19, 2017

8:00AM  Breakfast
8:30AM  Welcome & opening remarks (C Kent, A Rezai, J Kissel, C Whitacre)

SESSION 1: SCI – CLINICAL (CHAIRS: J MYSIW & R LONSER)

8:50AM  Challenges and perspectives of modern SCI research – how to make a difference for patient care?
        Steve Kirshblum, Kessler Rehabilitation Center, Rutgers University, NJ, USA
9:15AM  Imaging initiatives and interventional trials in spinal cord injury and cervical spinal myelopathy (CSM)
        Michael Fehlings, University of Toronto, Canada
9:40AM  Biomarkers in SCI: the CAMPER study – an update.
        Brian Kwon, University of British Columbia, Canada
10.05AM  Coffee

SESSION 2: CELL TRANSPANTATION (CHAIRS: M TUSZYNSKI & J GUEST)

10:45AM  Neural stem cell transplantation in SCI – translational challenges in outcome and safety
        Mark Tuszyński, UCSD, USA
11:10AM  Volumes and location: cell transplantation into the spinal cord
        James Guest, University of Miami, USA
11:35AM  Neural stem cell or iPSC derived astrocyte transplantation after spinal cord injury
        Armin Blesch, Indiana University, Indianapolis, USA
12.00PM  Lunch (hot)
SESSION 3: EXP. REHABILITATION (CHAIRS: S KOSTYK, V KRISHNA)

1:35PM Epidural stimulation in chronic SCI
    Susan Harkema, University of Louisville, USA
2:00PM For Better or Worse: Activity, Exercise and Physical Therapy After Experimental SCI
    David Magnuson, University of Louisville, USA
2:25PM Remodeling of lumbar motoneuron circuitry after an above-level spinal cord injury
    Xiao-Ming Xu, Indiana University, USA
2:50PM Mitochondrial bioenergetics and functional recovery after Spinal Cord Injury
    Alexander Rabchevsky, University of Kentucky, USA
3:15PM Coffee Break

SESSION 4: SCI DISEASE (CHAIRS: M BASSO, D MCFIGUE)

4:00PM The Prospect-ADDITION SCI – A PROSPECTive study of autonomic dynamic dysfunction to predict infecTIONS after spinal cord injury
    Jan Schwab, The Ohio State University, USA
4:25PM The liver after SCI – an acute-phase organ with outcome ramifications
    Dana McTigue, The Ohio State University, USA
4:50PM Gut dysbiosis impairs recovery after SCI
    Phillip Popovich, The Ohio State University, USA
5:15PM Happy Hour (on site)
    Get together: Students & Speakers & Faculty
7:00PM Dinner Invitation Only (The Faculty Club, The Ohio State University)
    Greeting words (Evans, Khan, EMS, Ohio-Fire, State-Ohio)
    (Summit Faculty and Invited Guests only)

Saturday: May 20, 2017

8:00AM Breakfast

SESSION 5: NEURO-PLASTICITY I (CHAIRS: J LERCH, A TEDESCHI)

8:30AM Developing a safe strategy of promoting axon regeneration and functional recovery after spinal cord injury
    Zhigang He, Children’s Hospital Boston, Harvard Medical School, USA
8:55AM Targeting the scar components in CNS Injury; a translational research approach
    Jerry Silver, Case Western Reserve University, Cleveland, USA
9:20AM Spatial and temporal arrangement of neuronal intrinsic and extrinsic mechanisms controlling axon regeneration.
    Andrea Tedeschi, The Ohio State University, USA
9:45AM Coffee Break
SESSION 6: NEURO-PLASTICITY II & PATHOPHYSIOLOGY  
(CHAIRS: Z HE, J SILVER)

10:15AM  The effects of restraint stress on allodynia and sensory neuron plasticity  
Jessica Lerch, The Ohio State University, USA

10:40AM  Lesion-determinants of age in spinal cord injury  
John Gensel, University of Kentucky, USA

11:05AM  Proteostasis as an acute global end therapeutic target for SCI  
Scott Whittemore, University of Louisville, USA

11:30AM  Lunch (Boxes)

SESSION 7: CLINICAL SCI-STUDIES @ OSU  
(CHAIRS: S COLACHIS, D EVANS, J BOGNER)

12:00PM  Restoring cortical control of functional movement in a human with quadriplegia.  
Ali Rezai, The Ohio State University, USA

12:25PM  Chronic SCI - The Neurorecovery Network (NRN)-- hypotheses and ongoing trials.  
Michele Basso, The Ohio State University, USA

12:50PM  Impact of initial clinical and imaging parameters on long-term neurological outcomes in acute traumatic cervical SCI.  
Francis Farhadi, The Ohio State University, USA

1:15PM  ADJOURN  
(P POPOVICH, J SCHWAB)

1:40PM  Shuttle to Airport

Meeting Venue: Ross Auditorium, Ross Heart Hospital, 452 W 12th Ave, Columbus.

Hotel: The Blackwell Inn, 2110 Tuttle Park Place, Columbus, Tel 1-614-247-4000.  
Homewood Suites, 1576 W Lane Ave, Columbus, Tel 1-614-488-1500.

Evening-Event (May 19th, speakers and invited guests): OSU-Faculty Club – 181 Oval Dr South (see map last page).

Transport: Shuttles from the Hotel to the Summit-Event will be organized.

Contact: Melissa Stenger; scitp@osu.edu, Tel. 614-688-5501.
OSU-Campus-SCI-(HEAT)-MAP

Our Sponsors:
The Neurological Institute (NI)
The Neuroscience Research Institute (NRI)
The Center for Brain and Spinal Cord Repair (CBSCR)