

– 2023 Clinical Day – Spinal cord injury

December 1st, 2023
Timone hospital, HA3 amphitheater

9:00 Welcome coffee

9:30 Welcome address

9:45 **Kaissar Farah and Guillaume Baucher**, neurosurgeons at Timone and Nord hospitals
Spinal cord injury: From trauma to operating room

11:00 **Mostafa Seblani**, ISM / INP
Challenges for improving animal models of spinal cord injuries

11:30 4 flash presentations
Elisa Crozat, INT
Thoracic Cerebrospinal Fluid-Contacting Neurons: Novel Players in Autonomic Function Regulation?

Lugdivine Leblond, LBA - INT
Age-dependency assessment on the cerebrospinal flow: a numerical model

Nicolas Serratrice, ISM
Neuroprotective and neurotrophic effects of the autologous fat-derived stromal vascular fraction (SVF) in the acute management of spinal cord contusions: preclinical studies

Nejada Dingu, INT
A new neonate mouse model to demystify spasticity after spinal cord injury

---- 12:15 - 13:20 Lunch break ----

13:20 **Anne Kavounoudias**, LNC
Mapping spinal sensorimotor circuits through advanced functional MRI and clinical perspectives

14:00 **Keynote speaker: Michael Fehlings**, University of Toronto, Canada (online)
Repair and Regeneration of the Injured Spinal Cord: From Molecule to Man

14:50 Questions (by Zoom)

---- 15:20 - 15:40 Coffee break ----

15:40 **Frédéric Brocard**, INT
The activation of calpain fosters the hyperexcitability of motoneurons and leads to spasticity after spinal cord injury

16:10 **Morgane Evin**, LBA
Biomechanics of Spinal Cord Injuries: from injury prediction to patient management

16:40 Closing address

---- 17:00 Closing time ----