

# ISCORE'19

## 5th International Spinal Cord Repair Meeting

December 13-14, 2019

Sant Pau Art Nouveau Site  
Barcelona

### Speakers

**DR. THOMAS CARLSTEDT**, Consultant Orthopaedic Surgeon - Hand and Nerve. University College London.

**DR. BO CHEN**, Assistant Professor Department of Neuroscience, Cell Biology and Anatomy, University of Texas Medical Branch, USA.

**DR. SIMONE DI GIOVANNI**, Chair of Restorative Neuroscience, Imperial College London

**DR. MICHAEL FEHLINGS**, Professor of Neurosurgery Vice Chair Research Department of Surgery Halbert Chair in Neural Repair and Regeneration Co-Chairman Spinal Program, University of Toronto.

**DR. MICHAEL LANE**, Associate Professor, Drexel University, College of Medicine. Philadelphia, USA

**DR. JONATHAN CORCORAN**, Institute of Psychiatry, Psychology and Neuroscience, King's College. London, UK

**DR. ALLAN D. LEVI**, Professor and Chairman of Neurosurgery. Chief of Neurosurgery Jackson Memorial Hospital Robert M. Buck Distinguished Chair in Neurological Surgery, University of Miami USA

**DR. HIDEYUKI OKANO**, Professor, Department of Physiology, Keio University / Chairman, Japan

**DR. AYA TAKEOKA** Principal Investigator at NERF/VIB, Belgium.

**DR. MARK H TUSZYNSKI**, Director, Center for Neural Repair. Professor, Department of Neurosciences University of California USA

**DR. KRISTIN ZHAO**, Department of Physiology and Biomedical Engineering, Mayo Clinic, Rochester, MN, USA

### Presentation

Spinal cord injuries at this moment in time are an unresolved scientific challenge of great social impact. The International Spinal Cord Repair Meeting 2019 (ISCORE'19) is a one and a half day conference dedicated to recent advances in translational research in the field of Spinal Cord Injuries. The conference aims at stimulating the translation of understanding of neuroregeneration mechanisms into advanced therapeutic applications.

In continuation with the four predecessor editions in 2011, 2013, 2015 and 2017 and based on differentiated areas: Basic and Clinical Research, and Rehabilitation. Some of the major topics are going to be covered during the conference are combinatory strategies with cell therapy, new pharmacology approaches and rehabilitation-related data.

The speakers are leading experts of international prestige in basic research and experimental therapeutic trials in patients.





# ISCORIE'19

## 5th International Spinal Cord Repair Meeting

Friday, 13rd of December, 2019

10:00 Registration begins  
10:30-11:00 Opening remarks  
Dr. González Viejo,  
Fundación Step by Step  
Dr. Moreno, Instituto Príncipe Felipe

### ROAD TO FUNCTIONAL RECOVERY

Dr. Moreno, Instituto Príncipe Felipe

11:00-11:40 Dr. Chen  
"Reviving dormant pathways in the injured spinal cord"  
11:50 - 12:10 Coffee break & Poster Session  
12:15-12:55 Dr. Lane  
"Plasticity and repair after cervical spinal cord injury"  
13:05-13:45 Dr. Fehlings  
"Repair and regeneration of the injured spinal cord: from molecule to man"  
14:00-15:00 Lunch break

### FROM BENCH TO BEDSIDE

Dr. Miguel Angel González Viejo

15:00-15:20 LEMON presentation  
15:30-16:10 Dr. Tuszynski  
"Neural stem cell therapy for SCI"  
16:20-17:00 Dr. Okano  
"iPSCs-Based regenerative medicine for spinal cord injury: preparation for the first-in-human trial"  
17:10-17:50 Dr. Corcoran  
"C286, a RARbeta agonist drug to treat SCI"  
18:00-18:40 Dr. Carlstedt  
"Therapeutic prospective for spinal cord injury from molecular experiments to human spinal cord surgery"

Saturday, 14rd of December, 2019

10:00 Registration begins

### UNDERSTANDING NEURAL REGENERATION

Dr. Lim

10:15-10:55 Dr. Di Giovanni  
"From signalling to epigenetic reprogramming to oster axonal regeneration after spinal cord injury"  
11:05-11:20 Best Poster Abstract Winners 1  
11:25-11:45 Coffee break & Poster Session  
11:45-12:00 Brief Presentation  
12:05-12:45 Dr. Levi  
"Novel treatment strategies for spinal cord injury"  
12:55-13:35 Dr. Takeoka  
"Learning to walk without the brain: cellular and circuit signatures that define agedependent spinal cord plasticity"  
14:00-15:00 Lunch break

### REHABILITATION STRATEGIES

Dr. Miguel Angel González Viejo

15:00-15:40 Dr. Zhao  
"Spinal cord injury reserch across the translational spectrum".  
15:50-17:20 Round table spinal cord injury rehabilitation  
"Present and future in Spain"  
Dr. Vidal, Institut Guttmann, Barcelona;  
Dr. Torralba and Dr. Martinez, Hospital La Fe, Valencia; Dr. Lamas, Hospital Sant Joan de Dèu, Palma de Mallorca; Dr. Oliviero, Hospital Nacional Paraplèjicos, Toledo; Dr. Montesinos, Hospital Vall d'Hebron, Barcelona  
17:20-17:30 Greetings and Departure

Schedule

[www.iscorespinalcordmeeting.com](http://www.iscorespinalcordmeeting.com)

