

## PAIN 360 Scientific Programme\*

\* Subject to change

<b>LEGEND</b>	<b>Learn</b>	<b>Practice</b>	<b>Share</b>
<b>Break</b>	<b>Create</b>	<b>Discover</b>	<b>Networking</b>

<b>Central &amp; Peripheral Neurology</b> <i>Wednesday, 1 December</i>			
	Hall 1	Hall 2	Hall 3
08:15 - 08:30	<b>Greetings/Introduction to day</b> Jose De Andres, Spain		
08:30 - 09:15	<b>Learn: Keynote Lecture</b> Hyperalgesia: Peripheral and Central Mechanisms  Moderator: Jose De Andres, Spain Speaker: Rolf Detlef Treede, Germany		
09:15-09:30	<b>Break</b>		
09:30 - 10:30	<b>Learn: Scientific Session 1</b> Peripheral Neuroanatomy in Health and Disease  Moderator: Bernhard Moriggl, Austria Speaker: Anne Agur, Canada	<b>Learn: Scientific Session 2</b> Intrathecal Drug Delivery: Advances and Applications  Moderator: Craig Hartrick, USA Speaker: Jose De Andres, Spain	<b>Practice: Hands on workshop 1</b> Underground Ultrasound Presents Foundation I (09:30 - 11:00)  Rahul Bhansali, UK; Sadiq Bhayani UK; Guilherme Dos Santos, Portugal; Mark Hurdle, USA
10:30 - 11:00	<b>Coffee Break + Networking &amp; Visit the Exhibition + ePoster viewing</b>		
11:00 - 12:00	<b>Learn: Scientific Session 3</b> Peripheral Nerve Stimulation: Neurosurgery/Interventional Pain  Moderator / Speaker: Amitabh Gulati, USA Moderator / Speaker: Konstantin Slavin, USA	<b>Create: Thinking Task Force</b> Rethinking Definitions of CRPS  Moderator : Elon Eisenberg, Israel Speakers: Ludger Gerdsmeyer, Germany; Frank Huygen, Netherlands; Einar Ottestad, USA	<b>Break</b>  <b>Practice: Hands on workshop 2</b> Underground Ultrasound Presents Foundation II (11:30 - 13:00)  Ahmed Amine El Oumri, Morocco; Einar Ottestad, USA; Matthew Pingree, USA; Raja Reddy, UK
	<b>Break to Change Halls</b>		
12:05 - 13:00	<b>Learn: Scientific Session 4</b> Non-invasive PNS/TMS for Chronic Pain and Headache  Speaker: Nadine Attal, France	<b>Create: Guidelines Discussions</b> Do we Need Updated Guidelines for Neuropathic Pain Treatment?  Moderator: Elon Eisenberg, Israel Speakers: Ralf Baron, Germany; Didier Bouhassira, France	
13:00-14:30	<b>Lunch Break + Visit the Exhibition</b>		
	<b>Discover: Industry Symposium</b> 13:15 - 14:15 (not included in main event CME/CPD credit)	<b>Discover: Exhibitors' Group Presentations</b> (not included in main event CME/CPD credit)	<b>Discover: Product Theatre in Exhibition Hall</b> (not included in main event CME/CPD credit)
14:30 - 15:30	<b>Create: Campfire Discussions</b> PNS Patient Selection and Novel Targets  Moderator: Michael Gofeld, Canada Facilitators: Amit Gulati, USA; Jennifer Hah, USA; Einar Ottestad, USA; Stefano Palmisani, UK; Konstantin Slavin, USA	<b>Learn: Scientific Session 5</b> Spinal Cord Stimulation: Mechanisms of Novel Stimulation Paradigms  Moderator: Bert Joosten, Netherlands; Leo Kapural, USA Speaker: Bert Joosten, Netherlands; Leo Kapural, USA	<b>Practice: Hands on workshop 3</b> US for Bedside Diagnostics (14:30 - 16:00)  Rahul Bhansali, UK; Manuel Cifrian-Perez, Spain; Guilherme Dos Santos, Portugal; Mark Hurdle, USA
15:30 - 16:00	<b>Coffee Break + Networking &amp; Visit the Exhibition + ePoster viewing</b>		
16:00 - 17:00	<b>Share: Pro / Con Debate 1</b> CRPS: How Can we Explain the Spectrum?  Speakers: Elon Eisenberg, Israel; Frank Huygen, Netherlands	<b>Create: Thinking Task Force</b> Neuro Rehabilitation Session  Moderator Anne Agur, Canada Speakers: Hemmo Bosscher, USA; Guilherme Dos Santos, Portugal; Stefano Tamburin, Italy	<b>Practice: Hands on workshop 4</b> PNS (16:30 - 18:00)
	<b>Break to Change Halls</b>		
17:05 - 18:05	<b>Share: e-Poster Slam</b>		Sadiq Bhayani UK; Michael Gofeld, Canada; Einar Ottestad, USA; TBC
18:15	<b>Networking Reception</b>		

Regenerative Medicine Thursday, 2 December			
	Hall 1	Hall 2	Hall 3
7:00 - 08:00	<b>Practice: Tai Chi/Yoga/Pilates with the Larks</b> (in the Lobby) Helen Gofeld, Canada		
08:15 - 08:30	<b>Greetings/Introduction to day</b> Michael Gofeld		
08:30 - 09:15	<b>Learn: Keynote Lecture</b> Thirty Years of Orthopaedic Regenerative Medicine: Basic and Clinical Science  Moderator: Michael Gofeld, Canada Speaker: Philippe Hernigou, France		
Break			
09:30 - 10:30	<b>Learn: Scientific Session 6</b> Platelet Rich Plasma: A to Z  Speakers: Guilherme Dos Santos, Portugal; Philippe Hernigou, France	<b>Learn: Scientific Session 7</b> Sport injuries, Soft Tissue Pain Management Moderator: Richard Ibrahim, Germany Speakers: Ludger Gerdsmeyer, Germany; Richard Ibrahim, Germany	<b>Practice: Hands on workshop 5</b> Spine I (09:30 - 11:00)  Michael Gofeld, Canada; Einar Ottestad, USA; Matthew Pingree, USA; TBC
10:30 - 11:00	Coffee Break + Networking & Visit the Exhibition + ePoster viewing		
11:00 - 12:00	<b>Share: Debate 2</b> Stem Cells: Adipose vs. Bone Marrow - Viability, Proliferation, and Signalling  Speakers: Philippe Hernigou, France; Carlo Tremolada, Italy	<b>Learn: Scientific Session 8</b> Neuroprosthetics and Neuro Rehabilitation - Regenerative Medicine  Moderator - Michael Hartmann, Switzerland Speakers: TBA	<b>Practice: Hands on workshop 6</b> MSK (11:30 - 13:00)
Break to Change Halls			
12:05 - 13:05	<b>Learn: Scientific Session 9</b> Regenerative Medicine: Standardisation and Regulation  Moderator: Michael Hartmann, Switzerland Speakers: Dragan Primorac, Croatia; TBC	<b>Create: Campfire Discussions</b> Regenerative Medicine: Patient Selection and Preparation  Moderator: Michael Gofeld, Canada Speakers: Massimo Allegri, Italy; Sadiq Bhayani, UK; Guilherme Dos Santos, Portugal; Matthew Pingree, USA	Rahul Bhansali, UK; Manuel Cifrian-Perez, Spain; Ahmed Amine El Oumri, Morocco; Jennifer Hah, USA
13:05-14:30	Lunch Break + Visit the Exhibition		
	<b>Discover: Industry Symposium</b> 13:15 - 14:15 (not included in main event CME/CPD credit)	<b>Discover: Exhibitors' Group Presentations</b> (not included in main event CME/CPD credit)	<b>Discover: Product Theatre in Exhibition Hall</b> (not included in main event CME/CPD credit)
14:30- 15:30	<b>Learn: Scientific Session 10</b> Injury-induced Alterations in Pain Receptors: Why Most Medications Fail  Moderator: Rolf-Detlef Treede, Germany Speaker: Craig Hartrick, USA	<b>Share: Doctors: On the Spot!</b> Building a Regenerative Medicine Practice: Custom vs. Commercial systems; Practice Management  Moderator: Bernhard Moriggl, Austria Panelists: Massimo Allegri, Italy; Dragan Primorac, Croatia; Carlo Tremolada, Italy	<b>Practice: Hands on workshop 7</b> MSK Regenerative (14:30 - 16:00)  Rahul Bhansali, UK; Guilherme Dos Santos, Portugal; Mark Hurdle, USA; Matthew Pingree, USA
15:30 - 16:00	Coffee Break + Networking & Visit the Exhibition + ePoster viewing		
16:00 - 17:00	<b>Create: Guidelines Discussions</b> Do we Need Guidelines in Regenerative Medicine? (Scientific and Ethical Considerations)  Moderator: Philippe Hernigou, France Speakers: Philippe Hernigou, France; Dragan Primorac, Croatia; Carlo Tremolada, Italy	<b>Learn: Scientific Session 11</b> Beyond Pain Scores - What Outcomes Should be Considered/What Methods to Use?  Moderator: Manfred Greher, Austria Speaker: Michael Gofeld, Canada	<b>Practice: Hands on workshop 8</b> Spine II (16:30 - 18:00)  Ahmed Amine El Oumri, Morocco; Einar Ottestad, USA; TBC
Break to Change Halls			
17:05 - 18:05	<b>Share: Research Presentations/ Discussions</b>  Moderators: Elon Eisenberg, Israel; Bert Joosten, Netherlands; Leo Kapural, USA	<b>Create: Thinking Task Force</b> Best Practices: Adjuvants, Antiaggregants/Anticoagulants, and Imaging Choices  Moderator: Mark Hurdle, USA Speakers: Ludger Gerdsmeyer, Germany; Philippe Hernigou, France	
18:15 -19:15	<b>Discover: Industry Symposium</b> (not included in main event CME/CPD credit)		

Minimally Invasive Spine Friday, 3 December		
	Hall 1	Hall 2
	<b>Discover: Breakfast Industry Symposium</b> (not included in main event CME/CPD credit)	
07:00 - 08:00		
08:00 - 08:55	<b>Practice: Tai Chi/Yoga/Pilates with the Larks</b> (in the Lobby) Helen Gofeld, Canada	<b>Practice: Hands on workshop 9</b> Innovations in Interventional Pain (08:00 - 09:30)
09:00 - 10:00	<b>Learn: Scientific Session 12</b> Spinal Anatomy of Pain  Moderator: Anne Agur, Canada Speaker: Bernhard Moriggl, Austria	Sadiq Bhayani UK; Guilherme Dos Santos, Portugal; Mark Hurdle, USA;TBC
10:00 - 10:30	Coffee Break	<b>Practice: Hands on workshop 10</b>
10:30 - 11:30	<b>Share: Debate 3</b> What is the Evidence for Minimally-invasive Spine Interventions?  Moderator: Ludger Gerdesmeyer, Germany Speakers: Richard Ibrahim, Germany; Leo Kapural, USA	Telemedicine (10:00 - 11:30)  Rahul Bhansali, UK; Einar Ottestad, USA; Matthew Pingree, USA; TBC
11:30-12:15	<b>Learn: Keynote Lecture</b> Common Low Back Pain and the Peridural Membrane  Moderator: Craig Hartrick, USA Speaker: Hemmo Bosscher, USA	
12:15 - 12:30	<b>Farewell Greetings</b> Jose De Andres, Spain	