

SCIENTIFIC PROGRAM

Day 1 Monday, October 25th	
09:30 - 09:45	Registration
09:45 - 10:00	Welcome and opening ceremony Rui L. Reis and Manuela E. Gomes (3B's Research Group, University of Minho, Portugal)
	Session I Chairs: Manuela E. Gomes & Rui L. Reis
10:00 - 11:00	Recreating the tendon niche <i>in vitro</i> Dimitrios I. Zeugolis (University College Dublin, Dublin, Ireland)
11:00 - 11:30	Coffee-Break E-Poster Session
	Session II Chairs: Ana I. Gonçalves & Manuel Gomez-Florit
11:30 - 12:30	Stem cell therapy in tendinopathy – backing the right horse? Roger K.W. Smith (The Royal Veterinary College, London, UK)
12:30 - 14:30	Lunch
14:30 - 15:30	Gene and Transcript Therapies for Tendon Repair and Regeneration Elizabeth Rosado Balmayor (Maastricht University, Netherlands)
	Short Oral Presentations
15:30 - 15:40	Umbilical cord mesenchymal stromal cell-derived small extracellular vesicles improve rotator cuff healing - a pilot ovine study Andreas Traweger (Paracelsus Medical University, Austria)
15:40 - 15:50	IL4-decorated SPIONs contribute to immunoregulatory actions on macrophages via IL4/STAT6 Ana F. Almeida (3B's Research Group, University of Minho, Portugal)

15:50 - 16:00	miRNA signature of injured entheses in an animal model Carlos J. Peniche Silva (Maastricht University, Netherlands)
16:00 - 16:30	Coffee-Break E-Poster Session
	Session III Chairs: Elizabeth Balmayor & Roger Smith
16:30 - 17:30	Transitional tendinopathy: are we there yet? Neal L. Millar (University of Glasgow, UK)
17:30 - 18:30	Get-together Reception

Day 2 Tuesday, October 26th	
	Session I Chairs: Manuela E. Gomes & Dimitrios I. Zeugolis
09:30 - 10:30	Enhancement of tendon healing - from biology to surgery Paul W. Ackermann (Karolinska University Hospital, Sweden)
10:30 - 11:00	Coffee-Break E-Poster Session
	Session II Chairs: Christopher Evans & Manuel Gomez-Florit
11:00 - 12:00	Cell stressors in tendinopathies and implications for repair strategies Jay Dudhia (The Royal Veterinary College, London, UK)
	Short Oral Presentations
12:00 - 12:10	Spider silk proteins with tenogenic peptides inspires a new class of bioengineered materials for tendon applications Albina R. Franco (3B's Research Group, University of Minho, Portugal)

12:10 - 12:20	<p>Tendon-like electrospun PLGA scaffolds with optimized physical cues induced tenogenic differentiation and boosted immunomodulatory properties on amniotic epithelial stem cells</p> <p>Mohammad El Khatib (University of Teramo, Italy)</p>
12:20 - 12:30	<p>Providing polymeric hydrogels with anisotropic properties through the incorporation of extremely-high magnetic power nanomaterials for tendon tissue engineering applications</p> <p>Alberto Pardo (3B's Research Group, University of Minho, Portugal)</p>
12:30 – 14:30	Lunch
<p>Session III Chairs: Jay Dudhia & Ana I. Gonçalves</p>	
14:30 - 15:30	<p>Magnetically-assisted approaches to address inflammatory events in tendon lesions</p> <p>Márcia T. Rodrigues (3B's Research Group, University of Minho, Portugal)</p>
15:30 - 16:30	<p>Regenerating tendons: lessons from development</p> <p>Alice Huang (Columbia University, NY, USA)</p>
16:30 – 17:00	Coffee Break E-Poster Session
<p>Session IV Chairs: Márcia T. Rodrigues & Neal L. Millar</p>	
<p>Transversal Skills Training</p>	
17:00 – 17:30	<p>Ethics in animal experimentation: when and how to use animal models in pre-clinical studies</p> <p>Magda J. Castelhana-Carlos (School of Medicine/ICVS, University of Minho, Portugal)</p>
17:30 – 18:30	<p>Progress meeting Achilles (restricted meeting)</p>

Day 3 Wednesday, October 27th	
	Session I Chairs: Alexandre Barros & Rui M. A. Domingues
	Transversal Skills Training
09:30 - 10:00	Advanced therapies from the perspective of a Brazilian Company Marcos Ribeiro (Sintegra Surgical Sciences, Brasil)
10:00 – 10:30	Intellectual Property protection and Patent Strategy Anabela Carvalho (PATENTREE, Porto, Portugal)
10:30 - 11:00	Coffee-Break E-Poster Session
11:00 -12:00	Getting published in Wiley’s Materials Science Journals: Tips and Tricks for Surviving Peer Review Valentina Lombardo (Wiley)
12:00 – 12:30	Closing ceremony
12:30 – 14:30	Lunch