



11<sup>th</sup> Belgian Symposium on Tissue Engineering

KU LEUVEN

## From Tissue Engineering to Engineered Tissue

21-22 November 2024  
Faculty Club, Leuven



### Programme Day 1 – Thursday 21st of November 2024

<b>08:15</b>	<b>08:45</b>	<b>Registration and coffee</b>
<b>08:45</b>	<b>09:00</b>	<b>Opening of the conference</b>
<b>09:00</b>	<b>10:15</b>	<b>Session 1: Biomechanics &amp; <i>In silico</i> modeling</b>
9:00	9:45	Keynote speaker: Prof. Jérôme Naoilly - Universitat Pompeu Fabra <i>"Systems Mechanobiology in Intervertebral Disc Degeneration and Osteoarthritis"</i>
9:45	10:15	Oral presentations
<b>10:15</b>	<b>10:45</b>	<b>Coffee break</b>
<b>10:45</b>	<b>12:00</b>	<b>Session 2: Organ-on-chip &amp; Disease models</b>
10:45	11:30	Keynote speaker: Prof. Liliana Moreira Teixeira Leijten – University of Twente <i>"Mimicking musculoskeletal disorders using organ-on-chip technology"</i>
11:30	12:00	Oral presentations
<b>12:00</b>	<b>13:30</b>	<b>Lunch break and Poster Presentations</b>
<b>13:30</b>	<b>15:15</b>	<b>Session 3: Cell Biology &amp; Molecular Pathways</b>
13:30	14:15	Keynote speaker: Dr. Scott Roberts – Royal Veterinary College, UC London <i>"Stem cells in regenerative medicine"</i>
14:15	15:15	Oral presentations
<b>15:15</b>	<b>15:45</b>	<b>Coffee Break</b>
<b>15:45</b>	<b>17:15</b>	<b>Session 4: Biofabrication &amp; Bioprinting</b>
15:45	16:30	Keynote speaker: Prof. Daniel Kelly – Trinity college Dublin <i>"Biofabrication and Bioprinting Strategies for Musculoskeletal Tissue Regeneration"</i>
16:30	17:15	Oral presentations
<b>17:15</b>	<b>17:30</b>	<b>Closing remarks</b>
<b>17:30</b>	<b>19:30</b>	<b>Reception and animated city walk</b>
<b>19:30</b>	<b>22:00</b>	<b>Conference dinner @ D'Artagnan</b>



11<sup>th</sup> Belgian Symposium on Tissue Engineering

KU LEUVEN

## From Tissue Engineering to Engineered Tissue

21-22 November 2024  
Faculty Club, Leuven



### Programme Day 2 – Friday 22nd of November 2024

**09:00 09:30 Registration and coffee**

**09:30 11:00 Session 5: Clinical translation**

9:30 10:15 Keynote speaker: Prof. Cosimo De Bari – University of Aberdeen  
*“Skeletal progenitors in joint health, repair, and arthritis”*

10:15 11:00 Oral presentations

**11:00 11:30 Coffee break**

**11:30 12:30 Session 6: Cell atlas & Omics**

11:30 12:00 Keynote speaker: Dr. Kazumasa Kanemaru – Sanger Institute  
*“Spatially resolved multiomics of human cardiac niches - insights and future directions”*

12:00 12:30 Oral presentations

**12:30 14:00 Lunch break and Poster Presentations + General Assembly**

**14:00 14:45 Session 7: Translation and Spin-off creation**

14:00 14:45 Panel discussion – Starting an SME

**14:45 16:30 Session 8: Biomaterial development**

14:45 15:15 Oral presentations

**15:15 15:45 Coffee Break**

15:45 16:30 Keynote speaker: Prof. Laura De Laporte – RWTH Aachen University  
*“Molecular and colloidal building blocks to overcome challenges in Tissue Engineering”*

**16:30 16:45 Closing remarks + Award ceremony**