

Tuesday, 28 March 2023					
Time	HALL A Exchange Theatre	HALL B Charter 4	HALL C Exchange 9	HALL D Exchange 11	HALL E Exchange 10
09:30 - 11:00	Opening Ceremony and Plenary Lecture 1				
11:00 - 11:30	Coffee Break				
11:30 - 13:00	S1 Advanced in biomaterials research	S2 Advances in orthopaedic tissue engineering	S3 3D tissue-engineered cancer models in vitro 1	S4 Tissue and Cell Engineering Society Session 1: Emerging themes in tissue-specific regeneration	S5 Human bone marrow tissue modeling and engineering
13:00 - 14:00	LUNCH BREAK with POSTERS				
13:10 - 13:55	CELLINK Industry Symposium				
14:00 - 15:00	TERMIS General Assembly				
15:00 - 16:30	S6 Biomaterial-based delivery strategies in orthopaedics	S7 Skin in a dish: from development to translational research	S8 Current research on in vitro microenvironments	S9 Respiratory tissue engineering and regeneration	S10 Biomaterial approaches serving sustainable tissue engineering
16:30 - 17:00	Coffee Break				
17:00 - 18:30	S11 Advances in direct digital biofabrication	S12 Frontiers in biomaterials research	S13 Stem cell applications in TERM	S14 Integrative multiscale modelling approaches to tissue engineering	S15 Bioengineering in ophthalmology
18:30 - 20:30	Welcome Drinks Reception and Poster Session 1 Exchange Hall				

Wednesday, 29 March 2023					
Time	HALL A Exchange Theatre	HALL B Charter 4	HALL C Exchange 9	HALL D Exchange 11	HALL E Exchange 10
08:30 - 09:15	Plenary Lecture 2				
09:15 - 10:00	SYIS Career Panel			Tissue and Cell Engineering Society AGM	
10:00 - 11:30	S16 Latest developments in 3D tissue engineered cancer models	S17 Wanted: Dead or Alive? Quantitative microscopy of single-cell, spheroid and organoid tissues	S18 Vascularization for tissue engineering and regenerative medicine	S19 Gene therapy approaches in tissue regeneration	S20 Biofabrication in space
11:30 - 12:00	Coffee Break with Posters				
12:00 - 13:30	S21 TERM solutions to cardiovascular diseases	S22 The macrophage as a target in biomaterial-based tissue regeneration strategies	S23 Emerging Technologies	S24 Tissue and Cell Engineering Society Session 2: Manipulating the stroma in tissue engineering	S25 Biomaterials and cells for intervertebral disc regeneration
13:30 - 14:30	Lunch with Posters & SYIS Meet-the-Mentor				
13:40 - 14:25	BRUKER Industry Symposium				
14:30 - 16:00	S26 Structural hydrogels for tissue engineering	S27 Advanced medical imaging for tissue engineering applications	S28 Mechanotherapies: How mechanobiology can inform approaches for regenerative medicine	S29 Complex wound signalling and novel therapies	S30 Israel guest nation
16:00 - 16:30	Coffee Break				
16:30 - 18:00	S31 Advances in direct digital bioprinting	S32 TE & RM approaches in extracellular matrix ageing	S33 Immunity, infection and inflammation (the good, the bad, and the ugly)	S34 Sustainable biomaterials in bone tissue engineering	S35 Veterinary regenerative medicine
18:00 - 19:00	TERMIS Award Lectures				
19:30 - 23:00	SYIS Evening Event Foundry Project				

Thursday, 30 March 2023

Time	HALL A Exchange Theatre	HALL B Charter 4	HALL C Exchange 9	HALL D Exchange 11	HALL E Exchange 10
08:30 - 09:15	Plenary Lecture 3				
09:15 - 10:45	S36 Organoids and multicellular aggregates in biofabrication	S37 New frontiers in advanced approaches for cardiac regenerative medicine	S38 Stimuli-responsive materials for tissue regeneration	S39 Regenerative medicine in surgery	Starting up a TERM company: Challenges and Experiences
10:45 - 11:15	Coffee Break with Posters				
11:15 - 12:45	S40 Where tissue engineering and regenerative medicine meet light	S41 Fundamentals of and clinical perspectives on biophysical stimulation of cells on implantable biomaterials	S42 Biomaterials driven regeneration: novel strategies for endogenous regeneration	S43 TCES session 3 - Robert Brown Award Talks	Clinical translation of TERM: Considerations and Solutions
12:45 - 13:45	Lunch & SYIS Meet-the-Mentor				
13:45 - 15:15	S44 Frontiers in biofabrication	S45 Using external fields for tissue engineering	S46 Non-conventional 3D fabrication of cellularised biomimetic structures	S47 Bridging the gaps in surgical translation	"How to start a biotech start-up" seminar organized by SYIS-EU
15:15 - 17:00	Coffee Break with Posters Session 2				
17:00 - 18:30	FTERM Induction / Open discussion on their academic journeys				
19:30 - 23:00	Networking Dinner Escape to Freight Island				

Friday, 31 March 2023

Time	HALL A Exchange Theatre	HALL B Charter 4	HALL C Exchange 9	HALL D Exchange 11	HALL E Exchange 10
08:30 - 09:15	Plenary Lecture 4				
09:15 - 10:45	S48 Advances in Mechanobiology	S49 Frontiers in bioreactors and in vitro models	S50 Latest Advances in ATMPs, Cell and Gene Therapies	S51 Tissue and Cell Engineering Society Session 4: Drug delivery systems and in vitro models for tissue repair and regeneration	S52 Facilitating new developments of tissue engineering and regenerative medicine strategies by using artificial intelligence
10:45 - 11:15	Coffee Break with Posters				
11:15 - 12:45	S53 3D tissue-engineered cancer models in vitro 2	S54 Spatial organization of the process of wound healing	S55 Advances in Cartilage Engineering	S56 Smart-materials for tissue regeneration	S57 Novel approaches to targetted therapeutic delivery
12:45 - 13:30	Closing and Awards Ceremony				

Legend:

Plenary Sessions	SYIS Activities	Society Meetings
Parallel Sessions	Industry Symposia & Industry Day Sessions	Social Events