WBC 2024 Program at a Glance

Time	Day 1 Sunday, 26 May	Day 2 Monday, 27 May	Day 3 Tuesday, 28 May	Day 4 Wednesday, 29 May	Day 5 Thursday, 30 May	Day 6 Friday, 31 May
07:00		Registration (07:00~09:00)	Registration (07:00~08:30)	Registration (07:00~08:30)	Registration (07:00~08:30)	Registration (07:00~08:30)
08:00			Oral Session 1 (08:30~09:30)	Oral Session 2 (08:30~09:30)	Oral Session 3 (08:30~09:30)	Oral Session 4 (08:30~09:30)
09:00		Opening Ceremony (09:00~10:20)	Concurrent Symposium 4 (09:30~11:00)	Concurrent Symposium 7 (09:30~11:00)	Concurrent Symposium 10 (09:30~11:00)	Concurrent Symposium 13 (09:30~11:00)
10:00		Coffee Break (10:20~10:40)	Coffee Break (11:00~11:20)	Coffee Break (11:00~11:20)	Coffee Break (11:00~11:20)	Coffee Break (11:00~11:20)
11:00		Plenary Lecture 1 (10:40~11:30) (Nicholas A. Peppas)	Plenary Lecture 2 (11:20~12:10) (Pamela Habibovic)	Plenary Lecture 4 (11:20~12:10) (Takao Hanawa)	Plenary Lecture 6 (11:20~12:10) (João F. Mano)	Concurrent Symposium 14 (11:20~12:50)
12:00		Lunch (11:30~13:00)	Lunch & Luncheon Seminar 1 (12:10~13:40)	Lunch & Luncheon Seminar 2 (12:10~13:40)	Lunch & Luncheon Seminar 3 (12:10~13:40)	Break (12:50~13:00)
13:00		Concurrent Symposium 1 (13:00~14:30) / Workshop 1 (13:00~16:00)	Concurrent Symposium 5 (13:40~15:10)	Concurrent Symposium 8 (13:40~15:10)	Concurrent Symposium 11 (13:40~15:10)	Closing Ceremony (13:00~14:00)
14:00		Break (14:30~14:40)	Break (15:10~15:20)	Break (15:10~15:20)	Break (15:10~15:20)	
15:00		Concurrent Symposium 2 (14:40~16:10)	Plenary Lecture 3 (15:20~16:10) (Yunbing Wang)	Plenary Lecture 5 (15:20~16:10) (Paula T. Hammond)	Plenary Lecture 7 (15:20~16:10) (Ick Chan Kwon)	
16:00	Registration (16:00~18:00)	Coffee Break (16:10~16:30)	Coffee Break (16:10~16:30)	Coffee Break (16:10~16:30)	Coffee Break (16:10~16:30)	
17:00		Concurrent Symposium 3 (16:30~18:00) / Workshop 2 (16:00~19:00)	Concurrent Symposium 6 (16:30~18:00) / Workshop 3 (16:30~18:40)	Concurrent Symposium 9 (16:30~18:00)	Concurrent Symposium 12 (16:30~18:00)	
18:00	Welcome Reception (Hotel Inter-Burgo EXCO) (18:00~20:00)	Poster Session 1 (18:00~19:00)	Poster Session 2 (18:00~19:00)	Poster Session 3 (18:00~19:00)	Poster Session 4 (18:00~19:00)	
19:00			Young Investigators' & Students' Night (Fashion Center Korea) (19:00~21:00)	Congress Dinner (Hotel Inter-Burgo EXCO) (19:00~21:00)		
20:00						
21:00						
22:00						

Poster viewing & Exhibition (09:00~18:00) — Day 2 Monday, 27 May

Poster viewing & Exhibition (09:00~18:00) — Day 3 Tuesday, 28 May

Poster viewing & Exhibition (09:00~18:00) — Day 4 Wednesday, 29 May

Poster viewing & Exhibition (09:00~18:00) — Day 5 Thursday, 30 May

Exhibition (09:00~13:00) — Day 6 Friday, 31 May

* Updated as of May 2024

Day 1 May 26 (Sun)

Detailed Program

Time	May 26 (Sun)
16:00-18:00	Registration (Lobby, 3F, EXCO)
18:00-20:00	Welcome Reception (Grand Ballroom, B1, Hotel Inter-Burgo EXCO)

Day 2 May 27 (Mon)

Detailed Program

Time	May 27 (Mon)														
07:00 -09:00	Registration (Lobby, 3F, EXCO)														
09:00 -10:20	Opening Ceremony (Convention Hall, 5F, EXCO)														
10:20 -10:40	Coffee Break														
10:40 -11:30	**Plenary Lecture 1 - Prof. Nicholas A. Peppas** (Convention Hall, 5F, EXCO)														
11:30 -13:00	Lunch														
13:00 -14:30	Concurrent Symposium 1														Workshop 1
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	Room 211
	S1-1	**S1-2**	**S1-3**	**S1-4**	**S1-5**	**S1-6**	**S1-7**	**S1-8**	**S1-9**	**S1-10**	**S1-11**		**S1-13**	**S1-14**	**W1-1**
	SP-T01-0372	**SP-T02-0090**	**SP-T03-0358**	**SP-T04-0292**	**SP-T06-0278**	**SP-T12-0269**	**SP-T01-0184**	**SP-T01-0160**	**SP-T04-0249**	**SP-T05-0333**	**SP-T07-0063**		**SP-T09-0367**	**SP-T10-0037**	**WP-0021**
	Advanced Biomaterials for Wet Tissue Adhesion	Novel and multiple fabrication processes	Extracellular vesicles-based nanomedicine for theranostics	3D Organoids for Disease Modeling and Tissue Regeneration	Biomaterials for environment sensitive drug release	Smart biomaterials for the modulation of inflammation	Hierarchical biomaterials from particulate building blocks	Bioinspired Biomaterials and Strategies for Tissue Engineering	Biomaterials and Modular Approaches in Tissue Engineering and Regenerative Medicine	Characterization of biodegradable metals	Ex vivo model systems for cancer immunotherapy		Micro- and Nanotechnology for clinical diagnostics	Extracellular vesicles for biomedical applications	
14:30 -14:40	Break														
14:40 -16:10	Concurrent Symposium 2														Recent Advanced in 3D Printing and Bioprinting for Medical Applications (**13:00-16:00**)
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	
	S2-1	**S2-2**	**S2-3**	**S2-4**	**S2-5**	**S2-6**	**S2-7**	**S2-8**	**S2-9**	**S2-10**	**S2-11**	**S2-12**	**S2-13**	**S2-14**	
	SP-T01-0152	**SP-T02-0389**	**SP-T03-0351**	**SP-T04-0291**	**SP-T06-0274**	**SP-T12-0299**	**SP-T01-0239**	**SP-T01-0158**	**SP-T04-0199**	**SP-T05-0334**	**SP-T07-0208**	**SP-T08-0116**	**SP-T09-0366**	**SP-T10-0364**	
	Biomaterials with micro/nano patterns	Biofunctional material and this use in medical device application	Nanomedicine for Immunothe-rapeutics	Neuronal tissue engineering	Biomaterials for advanced imaging and diagnostic technologies	Biomaterials Functionalization with Tethered Growth Factors and Proteins for Tissue Engineering Applications	Enzyme and Protease-responsive biomaterials	Advanced hemocompatible coatings	Controlling degradation of bioresorbable materials to direct cell behavior	Characterization of cell-scaffold interface in nanoscale for therapeutic applications	Biomaterials for Organoids	Clinically relevant dental biomaterials	Emerging biomaterials: From bench to startup	Biomineralization and biotemplating	
16:10 -16:30	Coffee Break														
16:30 -18:00	Concurrent Symposium 3														Workshop 2
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	Room 211
	S3-1	**S3-2**	**S3-3**	**S3-4**	**S3-5**	**S3-6**	**S3-7**	**S3-8**	**S3-9**	**S3-10**	**S3-11**	**S3-12**	**S3-13**	**S3-14**	**W2-1**
	SP-T11-0386	**SP-T02-0267**	**SP-T03-0344**	**SP-T04-0316**	**SP-T06-0276**	**SP-T12-0237**	**SP-T01-0233**	**SP-T01-0221**	**SP-T04-0217**	**SP-T05-0335**	**SP-T07-0064**	**SP-T08-0264**	**SP-T09-0218**	**SP-T10-0390**	**WP-0025**
	Symposium on Frontiers of Biomaterials Science and Engineering in Honor of Professor Xingdong Zhang	Volumetric tissue printing	Platform technology for theranostics	Reproducing Reproductive Organs/Tissues via Tissue Engineering	Biomaterials for gene delivery applications	Elastin-based biomaterials	Plant and Polysaccharide-based biomaterials	Dynamic Hydrogels	The Macrophage as a target in biomaterial-based tissue regeneration strategies	Bio-fabrication/ bioprinting and characterization for biomedical application	In vitro microphysiological systems for studying tumor microenvironment	Biomaterials Interventions in Aging Around the World	Drop-based microfluidic technologies	DNA or RNA Nanotechnologies	Biomaterials Science Excellence and Technology Translation (**16:00-19:00**)
18:00 -19:00	Poster Session 1 (Grand Ballroom, 3F, EXCO)														

Day 3 May 28 (Tue)

Detailed Program

Time	May 28 (Tue)														
07:00 -09:00	Registration (Lobby, 3F, EXCO)														
08:30 - 09:30	Oral Session 1														
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	Room 211
	OS1-1	**OS1-2**	**OS1-3**	**OS1-4**	**OS1-5**	**OS1-6**	**OS1-7**	**OS1-8**	**OS1-9**	**OS1-10**	**OS1-11**	**OS1-12**	**OS1-13**	**OS1-14**	**OS1-15**
	T01 / SP-T13-0408	**T02 / SP-T13-0417**	**T03 / SP-T13-0420**	**T04 / SP-T13-0424**	**T06 / SP-T13-0435**	**T12 / SP-T13-0447**	**T01 / SP-T13-0405**	**T02 / SP-T13-0413**	**T06 / SP-T13-0433**	**T05 / SP-T13-0428**	**T07 / SP-T13-0439**	**T08 / SP-T13-0454**	**T09 / SP-T13-0444**	**T10 / SP-T13-0446**	**T03 / SP-T13-0451**
	Hydrogel 1	Diverse fabrication technology 1	Biomaterials for treatment of bone-related diseases and Bone regeneration	Biomaterials scaffolds 1	Biomaterials for medical applications 1	Natural biomaterials for regenerative medicine	Bioceramics 1	Technology for Additive Manufacturing 1 (Non-polymeric)	Biomaterials tissue regeneration 1	Recent Advances in biomaterial Science and Engineering 1	Biomaterials for organoids and organ models 1	Dental & Craniofacial biomaterials 1	Designer biomaterials using microfluidics	Biosensors and Bioelectronics	CRISPR and Gene editing, therapy technology
09:30 - 11:00	Concurrent Symposium 4														
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	Room 211
	S4-1	**S4-2**	**S4-3**	**S4-4**	**S4-5**	**S4-6**	**S4-7**	**S4-8**	**S4-9**	**S4-10**	**S4-11**	**S4-12**	**S4-13**	**S4-14**	
	SP-T02-0145	**SP-T02-0112**	**SP-T03-0343**	**SP-T04-0282**	**SP-T06-0057**	**SP-T12-0323**	**SP-T01-0229**	**SP-T01-0215**	**SP-T04-0204**	**SP-T05-0336**	**SP-T07-0065**	**SP-T08-0071**	**SP-T09-0149**	**SP-T10-0363**	
	Biofabrication strategies to engineer complex tissues	Bio-hybrid tissue printing	Engineering of biomaterials for drug delivery	Learning from Successful Failures in Tissue Engineering & Regenerative Medicine	Challenge to Microbiology Using Nanomaterials	Bioactive Materials and Structures for Tissue Interface Engineering	Synthetic protein-complexing hydrogel materials to direct cell fate	Advanced sustainable hydrogels for smart wearable technologies	Hydrogels for fibrocartilage regeneration	Materials and characterizations for cardiovascular applications	Microphysiological systems for modeling pathologies of central nervous system	Biomaterials for cardiovascular disease models and therapeutics	Nano- and microencapsulation technologies	Nucleic acid nanotechnology-based therapeutics and diagnostics	
11:00 - 11:20	Coffee Break														
11:20 - 12:10	**Plenary Lecture 2 - Prof. Pamela Habibovic** (Convention Hall, 5F, EXCO)														
12:20 - 13:30	Lunch & Luncheon Seminar 1														
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	Room 211
	LS1-1	**LS1-2**	**LS1-3**		**LS1-4**	**LS1-5**	**LS1-6**								
	SP-T14-0402	**SP-T14-0467**	**SP-T14-0459**		**WP-0041**	**SP-T14-0464**	**SP-T14-0378**								
	Meet editors related to biomaterials	Company seminar (DENTIS / Dalim Tissen) **(12:20-13:10)**	Women in Biomaterials Science **(12:20-13:20)**		Young Scientist Forum (YSF) I: Successful career development **(12:20-13:20)**	Company Seminar (MAVERICK / Desktop Health™) **(12:20-13:10)**	FBSE WBC - Fellows Debate								
13:40 - 15:10	Concurrent Symposium 5														
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	Room 211
	S5-1	**S5-2**	**S5-3**	**S5-4**	**S5-5**	**S5-6**	**S5-7**	**S5-8**	**S5-9**	**S5-10**	**S5-11**	**S5-12**	**S5-13**	**S5-14**	
	SP-T01-0125	**SP-T02-0156**	**SP-T03-0353**	**SP-T04-0288**	**SP-T06-0275**	**SP-T12-0286**	**SP-T01-0225**	**SP-T01-0186**	**SP-T04-0176**	**SP-T05-0148**	**SP-T07-0075**	**SP-T08-0385**	**SP-T09-0140**	**SP-T10-0052**	
	Roles of interfacial water states on cells/ proteins/materials interactions and Biomaterials design	Converged Technologies towards Tissue Biofabrication	Biomaterial-assisted gene therapy to treat musculoskeletal disorders	Musculoskeletal tissue engineering	Biomaterials in regeneration applications and drug delivery	Directing cell fate & tissue regeneration by extracellular matrix signalling	Supramolecular Nanomaterials	Programming dynamic materials for engineering functional tissues	Advanced biofabrication techniques for musculoskeletal tissue engineering	Antifouling biomaterials and surface characterization	Imaging and spectroscopic analysis of biomaterials and biological systems	Clinical Translation of Biodegradable Materials	Biomedical technology based on rheology	Immunoengineering Redefines Biocompatibility	
15:10 - 15:20	Break														
15:20 - 16:10	**Plenary Lecture 3 - Prof. Yunbing Wang** (Convention Hall, 5F, EXCO)														
16:10 - 16:30	Coffee Break														
16:30 - 18:00	Concurrent Symposium 6														Workshop 3
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	Room 211
	S6-1	**S6-2**	**S6-3**	**S6-4**	**S6-5**	**S6-6**	**S6-7**	**S6-8**	**S6-9**	**S6-10**	**S6-11**	**S6-12**	**S6-13**	**S6-14**	**W3-1**
	SP-T01-0079	**SP-T02-0123**	**SP-T11-0397**	**SP-T04-0369**	**SP-T06-0384**	**SP-T12-0266**	**SP-T11-0375**	**SP-T01-0139**	**SP-T04-0164**	**SP-T05-0318**	**SP-T07-0349**	**SP-T08-0311**	**SP-T09-0320**	**SP-T10-0185**	**WP-0024**
	Functional materials for nerve regeneration	Frontiers in Biofabrication Technologies	Biomaterials Award Session	Granular Biomaterials for Tissue Engineering	Biomaterials meets glia: biomaterials applications to study glia and gliopathologies	Smart biomaterials for the modulation of inflammation and coagulation process	Canadian Biomaterials Society Award Presentation Symposium	Bioadhesive Biomaterials	Biomaterials for the Maternal-Fetal Interface	Design, Fabrication and Evaluation of Biomedical Textiles	Liquid biopsy for cancer diagnosis and prognosis	Regulatory science for the translation of biomaterials products	Biomaterials' challenges: From academia to industry	Emerging Nanobiomaterials and Nanofabrication	Explore a better future with advanced science and technology **(16:30-18:40)**
18:00 - 19:00	Poster Session 2 (Grand Ballroom, 3F, EXCO)														
19:00 - 21:00	Young Investigators' & Students' Night (Event Hall, 2F, Fashion Center Korea)														

Day 4 May 29 (Wed)

Detailed Program

Time	May 29 (Wed)													
07:00 -08:30	Registration (Lobby, 3F, EXCO)													
08:30 - 09:30	Oral Session 2													
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	OS2-1	**OS2-2**	**OS2-3**	**OS2-4**	**OS2-5**	**OS2-6**	**OS2-7**	**OS2-8**	**OS2-9**	**OS2-10**	**OS2-11**	**OS2-12**	**OS2-13**	**OS2-14**
	T01 / SP-T13-0409	**T02 / SP-T13-0418**	**T03 / SP-T13-0419**	**T04 / SP-T13-0425**	**T06 / SP-T13-0436**	**T12 / SP-T13-0448**	**T01 / SP-T13-0407**	**T02 / SP-T13-0472**	**T06 / SP-T13-0434**	**T05 / SP-T13-0429**	**T07 / SP-T13-0440**	**T08 / SP-T13-0443**	**T09 / SP-T13-0445**	**T05 / SP-T13-0430**
	Hydrogel 2	Diverse fabrication technology 2	Inorganic materials for therapeutic agents	Biomaterials scaffolds 2	Biomaterials for medical applications 2	Functional nanobiomaterials for tissue engineering 1	Bioceramics 2	Technology for Additive Manufacturing 2 (Non-polymeric)	Biomaterials tissue regeneration 2	Recent Advances in biomaterial Science and Engineering 2	Biomaterials for organoids and organ models 2	Dental & Craniofacial biomaterials 2	Fabrication of biomaterials with bioindustrial applicability	Recent Advances in biomaterial Science and Engineering 3
09:30 - 11:00	Concurrent Symposium 7													
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S7-1	**S7-2**	**S7-3**	**S7-4**	**S7-5**	**S7-6**	**S7-7**	**S7-8**	**S7-9**	**S7-10**	**S7-11**	**S7-12**	**S7-13**	**S7-14**
	SP-T01-0078	**SP-T02-0135**	**SP-T03-0173**	**SP-T04-0290**	**SP-T06-0277**	**SP-T12-0295**	**SP-T01-0212**	**SP-T01-0137**	**SP-T04-0146**	**SP-T05-0329**	**SP-T07-0070**	**SP-T08-0198**	**SP-T09-0157**	**SP-T10-0124**
	Electrically conductive polymers for bioelectrode applications	Micro/nano-patterning	Biomaterials for Biomedical Imaging: Applications and Challenges	Soft tissue regeneration	Biomaterials for polymeric therapeutics	Marine biomaterials towards tissue engineering	Self-assembling polymeric biomaterials for healthcare	Thermo responsive hydrogels and their biomedical applications	Functional nanomaterials for tissue engineering	Bioinspired antimicrobial and hemocompatible materials	Optical biosensors for fast and accurate diagnosis	Clinical application of biomaterials in Orthopaedic field	Biodegradable Metals for Medical Devices	Biomaterials for immunoisolation
11:00 - 11:20	Coffee Break													
11:20 - 12:10	**Plenary Lecture 4 - Prof. Takao Hanawa** (Convention Hall, 5F, EXCO)													
12:20 - 13:30	Lunch & Luncheon Seminar 2													
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	LS2-1	**LS2-2**	**LS2-3**		**LS2-4**	**LS2-5**	**LS2-6**							
	SP-T14-0461	**SP-T14-0462**	**SP-T14-0388**		**WP-0045**	**WP-0044**	**WP-0032**							
	Company Seminar (GENOSS) (**12:20-13:10**)	Company Seminar (Rousselot / Readily3D) (**12:20-13:10**)	Biomaterials Education Symposium at the WBC 2024		Young Scientist Forum (YSF) II: The past, present, and future of Biomaterials Research (meeting mentors) (**12:20-13:20**)	Bridging the gap between preclinical and clinical research	New PI in Biomaterials Research							
13:40 - 15:10	Concurrent Symposium 8									Concurrent Symposium 8				
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S8-1	**S8-2**	**S8-3**	**S8-4**	**S8-5**	**S8-6**	**S8-7**	**S8-8**	**S8-9**	**S8-10**	**S8-11**	**S8-12**	**S8-13**	**S8-14**
	SP-T01-0322	**SP-T02-0356**	**SP-T03-0153**	**SP-T04-0313**	**SP-T06-0128**	**SP-T12-0222**	**SP-T11-0046**	**SP-T01-0119**	**SP-T04-0134**	**SP-T05-0391**	**SP-T07-0122**	**SP-T08-0259**	**SP-T09-0103**	**SP-T10-0085**
	Engineering regenerative biomaterials through bioinspired and biocooperative approaches	Biofabrication in Suspensions Media for Tissue Engineering and In Vitro Modeling	Biomaterials for Image-guided Therapy	Novel strategy for bone tissue engineering in oro-maxillofacial region	Biomaterials for Antimicrobial and/or Antifouling coatings	Precision Medicine in Biomaterials Application for Regeneration	SFB Awards Ceremony and Plenary Presentations 1	Material Symbiosis: Beyond Biocompatibility	Advanced biofabrication for tissue engineering and disease modeling	Applications for Biomedical Fibrous Materials	3D-Tissue Models for Infection and Immunological Assays	Translation of bioactive ceramics from bench to bedside and emerging technologies for patient specific approaches	Biomaterials-based startups for tissue engineering	Biomaterials and Fabrication for Multicellular Engineered Systems
15:10 - 15:20	Break													
15:20 - 16:10	**Plenary Lecture 5 - Prof. Paula T. Hammond** (Convention Hall, 5F, EXCO)													
16:10 - 16:30	Coffee Break													
16:30 - 18:00	Concurrent Symposium 9													
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S9-1	**S9-2**	**S9-3**	**S9-4**	**S9-5**	**S9-6**	**S9-7**	**S9-8**	**S9-9**	**S9-10**	**S9-11**	**S9-12**	**S9-13**	**S9-14**
	SP-T11-0265	**SP-T11-0396**	**SP-T03-0100**	**SP-T04-0305**	**SP-T02-0154**	**SP-T12-0213**	**SP-T11-0482**	**SP-T01-0130**	**SP-T04-0104**	**SP-T06-0247**	**SP-T07-0174**	**SP-T08-0243**	**SP-T06-0058**	**SP-T10-0094**
	100 Years of Biomaterials Design Contributions of Edward Merrill (1923-2020)	Acta Biomaterialia: Global Perspectives in Launching an Independent Caree	Ferroptosis-mediated cancer target therapy (Sponsored by Methods, an Elsevier's interdisciplinary journal in life and medical sciences)	Tissue-specific Strategies for Soft Connective Tissue Regeneration	3D Printing and Biofabrication in TERM, on the way to translation	Bioenergetic-active Materials for Regenerative Engineering	SFB Awards Ceremony and Plenary Presentations 2	Nature-inspired solutions: Bio-inspired hydrogels for new therapies and additive manufacturing	Biomaterials for 3D stem cell mechanotransduction and differentiation	Discovery, characterisation and applications of immune-instructive materials	Biomaterial-based platforms for tumor tissue engineering	Biomaterials in Stomatology Application and Clinical Translation	Biomaterials from Creation to the Present and Beyond	Biomaterials for Cultured Meat Production
18:00 - 19:00	Poster Session 3 (Grand Ballroom, 3F, EXCO)													
19:00 - 21:00	Congress Dinner (Grand Ballroom, B1, Hotel Inter-Burgo EXCO)													

Day 5 May 30 (Thu)

Detailed Program

Time	May 30 (Thu)													
07:00 -08:30	Registration (Lobby, 3F, EXCO)													
08:30 - 09:30	Oral Session 3													
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	OS3-1	**OS3-2**	**OS3-3**	**OS3-4**	**OS3-5**	**OS3-6**	**OS3-7**	**OS3-8**	**OS3-9**	**OS3-10**	**OS3-11**	**OS3-12**	**OS3-13**	**OS3-14**
	T01 / SP-T13-0410	**T02 / SP-T13-0415**	**T03 / SP-T13-0450**	**T04 / SP-T13-0426**	**T06 / SP-T13-0437**	**T12 / SP-T13-0449**	**T01 / SP-T13-0412**	**T02 / SP-T13-0414**	**T06 / SP-T13-0438**	**T05 / SP-T13-0431**	**T07 / SP-T13-0441**	**T03 / SP-T13-0421**	**T03 / SP-T13-0452**	**T04 / SP-T13-0423**
	Hydrogel 3	Technology for biofabrication 1	Smart materials for drug delivery	Biomaterials scaffolds 3	Biomaterials for medical applications 3	Functional nanobiomaterials for tissue engineering 2	Metals	Materials for Additive Manufacturing 3 (Novel materials, 4D printing)	Antimicrobial drug delivery 1	Recent Advances in biomaterial Science and Engineering 4	Biomaterials for organoids and organ models 3	Nanobiomaterials 1	Functionalized materials and multi-funtion materials for drug delivery	Biomaterials and stem cells 1
09:30 - 11:00	Concurrent Symposium 10													
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S10-1	**S10-2**	**S10-3**	**S10-4**	**S10-5**	**S10-6**	**S10-7**	**S10-8**	**S10-9**	**S10-10**	**S10-11**	**S10-12**	**S10-13**	**S10-14**
	SP-T01-0086	**SP-T06-0216**	**SP-T03-0138**	**SP-T04-0304**	**SP-T06-0339**	**SP-T12-0211**	**SP-T01-0209**	**SP-T01-0038**	**SP-T04-0102**	**SP-T02-0359**	**SP-T06-0095**	**SP-T08-0115**	**SP-T01-0307**	**SP-T10-0196**
	Microgels for Microtissues	Biomaterials and devices for cardiovascular applications	Biomaterials for Drug Delivery and Tissue Regeneration	Bone biomaterials for the elderly patients	Advanced Biomaterials and Nanomaterials for Implantable Devices	Extracellular matrix for mechanobiology and therapeutics	Biomimetic surface design for implantable devices	Next Generation Biomaterials for Stem Cell Culture and Differentiation	3D bioprinting of multiple cell lineages and organoids for tissue regeneration	Open-source and low-cost technologies for advanced biomaterials fabrication	Innovative biomaterials and devices for cardiovascular therapy	Up-to-date technology in periodontal tissue engineering	Materiobiology	Advanced biofunctional and bioinspired materials/devices for healthcare and tissue engineering
11:00 - 11:20	Coffee Break													
11:20 - 12:10	**Plenary Lecture 6 - Prof. João F. Mano** (Convention Hall, 5F, EXCO)													
12:20 - 13:30	Lunch & Luncheon Seminar 3													
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	LS3-1		**LS3-2**		**LS3-3**									
	SP-T14-0460		**SP-T14-0458**		**WP-0046**									
	Company Seminar (Dentium) (**12:20-13:10**)		Regulatory perspectives on biologics composed of cell therapy and biomaterials		Young Scientist Forum (YSF) III: Experience from academic research to commercialization, start-up company (**12:20-13:20**)									
13:40 - 15:10	Concurrent Symposium 11													
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S11-1	**S11-2**	**S11-3**	**S11-4**	**S11-5**	**S11-6**	**S11-7**	**S11-8**	**S11-9**	**S11-10**	**S11-11**	**S11-12**	**S11-13**	**S11-14**
	SP-T01-0300	**SP-T02-0142**	**SP-T03-0133**	**SP-T04-0285**	**SP-T06-0254**	**SP-T12-0202**	**SP-T01-0236**	**SP-T11-0401**	**SP-T06-0214**	**SP-T04-0081**	**SP-T06-0089**	**SP-T08-0248**	**SP-T02-0315**	**SP-T10-0365**
	Leveraging cell microenvironment and immune system to heal and regenerate	Additive manufacturing of biomaterials	Biomaterials for theranostics	Nanofiberous scaffold for tissue engineering	Biomaterials for women's health engineering	Electroactive Biomaterials for Tissue Engineering and of Regenerative Medicine Applications	Biomimetic structured materials	Special Symposium in Memory of Professor Sung Wan Kim (**13:40-14:55**)	Multifunctional biomaterials for blood contacting and cardiovascular applications	Glass for bone repair: From bioglass to glass-polymer hybrids	Biomaterials for immune tolerance against autoimmune diseases	Osteonecrosis: The Biology and Treatment with Implants, Biologics, and Cells	Melt Electrowriting of Scaffolds	Photothermal Biomaterials
15:10 - 15:20	Break													
15:20 - 16:10	**Plenary Lecture 7 - Prof. Ick Chan Kwon** (Convention Hall, 5F, EXCO)													
16:10 - 16:30	Coffee Break													
16:30 - 18:00	Concurrent Symposium 12													
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S12-1	**S12-2**	**S12-3**	**S12-4**	**S12-5**	**S12-6**	**S12-7**	**S12-8**	**S12-9**	**S12-10**	**S12-11**	**S12-12**	**S12-13**	**S12-14**
	SP-T11-0392	**SP-T02-0284**	**SP-T11-0395**	**SP-T04-0289**	**SP-T06-0077**	**SP-T06-0042**	**SP-T11-0348**	**SP-T01-0036**	**SP-T04-0049**	**SP-T06-0183**	**SP-T06-0332**	**SP-T08-0242**	**SP-T02-0126**	**SP-T08-0074**
	Mechanobiology with Biomaterials (in conjunction with MRC Mechanobiology Dental Medicine Research Center)	Exploring the Frontiers of Micro-Nano Surface Engineering of Biomaterials	Acta Biomaterialia Gold and Silver Medal, 2024, Technical Session (**16:30-18:30**)	Translational Regenerative Medicine	Biomaterials for Wearable and Implantable Medical Devices, Sensors, and Electronics	Sex as a biological variable in biomaterials research	ESB International Award 2024 Symposium	Functionalization and commercialization of nano/micro-structured materials	Interoception mediated musculoskeletal tissue regeneration	Biomaterial Systems and Devices for Hemostasis, Resuscitation, and Wound Care	Anti-pathogen surface technologies for medical devices	Translation of nanoplatforms for surgical applications	Multi-layer biomaterials: emerging applications	Understanding the role of the immune system in tissue generation, repair, and wound healing
18:00 - 19:00	Poster Session 4 (Grand Ballroom, 3F, EXCO)													

Day 6 May 31 (Fri)

Detailed Program

Time	May 31 (Fri)													
07:00 -08:30	Registration (Lobby, 3F, EXCO)													
08:30 - 09:30	Oral Session 4													
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	OS4-1	**OS4-2**		**OS4-4**	**OS4-5**	**OS4-6**	**OS4-7**	**OS4-8**	**OS4-9**	**OS4-10**	**OS4-11**	**OS4-12**	**OS4-13**	**OS4-14**
	T01 / SP-T13-0411	**T02 / SP-T13-0416**		**T04 / SP-T13-0474**	**T06 / SP-T13-0475**	**T04 / SP-T13-0427**	**T03 / SP-T13-0422**	**T03 / SP-T13-0471**	**T06 / SP-T13-0476**	**T05 / SP-T13-0432**	**T07 / SP-T13-0442**	**T03 / SP-T13-0470**	**T03 / SP-T13-0453**	**T04 / SP-T13-0473**
	Conductive biomaterials	Technology for biofabrication 2		Biomaterials scaffolds 4	Biomaterials for medical applications 4	Biomaterials for hard tissue regeneration	Bioactive Hydrogels for Therapeutic Applications	Immunmodulatory Biomaterials	Antimicrobial drug delivery 2	Recent Advances in biomaterial Science and Engineering 5	Lab-on-a-chip	Nanobiomaterials 2	Biomaterials for cancer therapy	Biomaterials and stem cells 2
09:30 - 11:00	Concurrent Symposium 13													
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S13-1	**S13-2**	**S13-3**	**S13-4**	**S13-5**	**S13-6**	**S13-7**	**S13-8**	**S13-9**	**S13-10**	**S13-11**	**S13-12**	**S13-13**	**S13-14**
	SP-T01-0294	**SP-T02-0250**	**SP-T03-0109**	**SP-T04-0268**	**SP-T02-0326**	**SP-T06-0360**	**SP-T01-0177**	**SP-T01-0026**	**SP-T04-0051**	**SP-T06-0166**	**SP-T06-0023**	**SP-T08-0171**	**SP-T06-0314**	**SP-T08-0053**
	Biomaterial strategies for delivering biologics and therapeutic cells to transform cancer immunotherapy	Injectable Hydrogels For Regenerative Medicine	Self-assembled and stimuli responsive nanobiomaterials for delivery and targeting of biological drugs	New Biomaterials for Cardiovascular Tissue Engineering	Microfabrication techniques for vascularization of tissue engineered constructs	Regenerative Approaches for ENT Field	Calcium phosphate biomaterials design: Bioactivity, materials property and mechanisms of biomineralization	Biomaterial Design for Immunoengineering	Biomaterials for Women's Reproductive Health	Bioadhesive technologies for tissue repair and regeneration	Biomaterials for inflammatory bowel disease therapy	Gelatin and collagen based biomaterials: advances towards pharmaceutical and clinical translation of tissue biofabrication	Harnessing Biomaterials Strategies to Model Lung Disease, Repair Damaged Tissue, and Deliver Drugs for Treatment	Clinical and Pre-clinical Application of Biomaterials toward Next-Generation Medicine
11:00 - 11:20	Coffee Break													
11:20 - 12:50	Concurrent Symposium 14													
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S14-1	**S14-2**	**S14-3**	**S14-4**	**S14-5**	**S14-6**	**S14-7**	**S14-8**	**S14-9**	**S14-10**	**S14-11**	**S14-12**	**S14-13**	
	SP-T01-0240	**SP-T02-0245**	**SP-T03-0101**	**SP-T04-0255**	**SP-T06-0256**	**SP-T06-0346**	**SP-T01-0172**	**SP-T01-0141**	**SP-T04-0039**	**SP-T06-0143**	**SP-T02-0201**	**SP-T08-0107**	**SP-T02-0076**	
	Bioinspired supramolecular Biomaterials	Cell Encapsulation and 3D Digital Assembly for Basic and Applied Biomedicine	Stimuli-Responsive Macromolecular Assembly for Theranostics	Biomaterial models of the hierarchical tumor microenvironment	Innovative biomaterials for neural applications	Advanced Biomaterials with sensing properties to overcome the XXI century health challenges	Smart zwitterionic polymer biomaterials	Molecular assembly control for supramolecular nano-biomaterials	Advanced Nanobiomaterials for Biomedical Applications	Advances in Antimicrobial and Antibiofilm Biomaterials	Fostering international multidisciplinary collaboration in biomaterials research: Australasia- Germany case study	Craniofacial tissues and implants	Creating 3D architectures to facilitate organ regeneration	
12:50 - 13:00	Break													
13:00 - 14:00	Closing Ceremony (Convention Hall, 5F, EXCO)													