

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)	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)
11:00		Plenary Lecture 1 (10:40~11:30) (Nicholas A. Peppas)	Coffee Break (11:00~11:20)	Coffee Break (11:00~11:20)	Coffee Break (11:00~11:20)	Coffee Break (11:00~11:20)
12:00		Lunch (11:30~13:00)	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)
13:00		Concurrent Symposium 1 (13:00~14:30)	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)
14:00		Break (14:30~14:40)	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)
15:00		Concurrent Symposium 2 (14:40~16:10)	Break (15:10~15:20)	Break (15:10~15:20)	Break (15:10~15:20)	
16:00		Coffee Break (16:10~16:30)	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)	
17:00	Registration (16:00~18:00)	Concurrent Symposium 3 (16:30~18:00)	Coffee Break (16:10~16:30)	Coffee Break (16:10~16:30)	Coffee Break (16:10~16:30)	
18:00		Workshop 1 (13:00~16:00)	Concurrent Symposium 6 (16:30~18:00)	Concurrent Symposium 9 (16:30~18:00)	Concurrent Symposium 12 (16:30~18:00)	
19:00	Welcome Reception (Hotel Inter-Burgo EXCO) (18:00~20:00)	Workshop 2 (16:00~19:00)	Workshop 3 (16:30~18:40)			
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)	
21:00			Young Investigators' & Students' Night (Fashion Center Korea) (19:00~21:00)	Congress Dinner (Hotel Inter-Burgo EXCO) (19:00~21:00)		
22:00						

Exhibition (09:00~13:00)

Poster viewing & Exhibition (09:00~18:00)

Poster viewing & Exhibition (09:00~18:00)

Poster viewing & Exhibition (09:00~18:00)

Poster viewing & Exhibition (09:00~18:00)

* 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							
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	
	S1-1	S1-2	S1-3	S1-4	S1-5	S1-6	S1-7	
	SP-T01-0372	SP-T02-0090	SP-T03-0358	SP-T04-0292	SP-T06-0278	SP-T12-0269	SP-T01-0184	
	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	
14:30 - 14:40	Break							
14:40 - 16:10	Concurrent Symposium 2							
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	
	S2-1	S2-2	S2-3	S2-4	S2-5	S2-6	S2-7	
	SP-T01-0152	SP-T02-0389	SP-T03-0351	SP-T04-0291	SP-T06-0274	SP-T12-0299	SP-T01-0239	
	Biomaterials with micro/nano patterns	Biofunctional material and this use in medical device application	Nanomedicine for Immunotherapeutics	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	
16:10 - 16:30	Coffee Break							
16:30 - 18:00	Concurrent Symposium 3							
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A	
	S3-1	S3-2	S3-3	S3-4	S3-5	S3-6	S3-7	
	SP-T11-0386	SP-T02-0267	SP-T03-0344	SP-T04-0316	SP-T06-0276	SP-T12-0237	SP-T01-0233	
	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	
18:00 - 19:00	Poster Session 1 (Grand Ballroom, 3F, EXCO)							

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 A, 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 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	Room 211
	S1-8	S1-9	S1-10	S1-11		S1-13	S1-14	W1-1
	SP-T01-0160	SP-T04-0249	SP-T05-0333	SP-T07-0063		SP-T09-0367	SP-T10-0037	WP-0021
	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 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	
	S2-8	S2-9	S2-10	S2-11	S2-12	S2-13	S2-14	
	SP-T01-0158	SP-T04-0199	SP-T05-0334	SP-T07-0208	SP-T08-0116	SP-T09-0366	SP-T10-0364	
	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 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	Room 211
	S3-8	S3-9	S3-10	S3-11	S3-12	S3-13	S3-14	W2-1
	SP-T01-0221	SP-T04-0217	SP-T05-0335	SP-T07-0064	SP-T08-0264	SP-T09-0218	SP-T10-0390	WP-0025
	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)							

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
	OS1-1	OS1-2	OS1-3	OS1-4	OS1-5	OS1-6	OS1-7
	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
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	
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
	S4-1	S4-2	S4-3	S4-4	S4-5	S4-6	S4-7
	SP-T02-0145	SP-T02-0112	SP-T03-0343	SP-T04-0282	SP-T06-0057	SP-T12-0323	SP-T01-0229
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	
11:00 - 11:20	Coffee Break						
11:20 - 12:10	Plenary Lecture 2 - Prof. Pamela Habibovic (Convention Hall, 5F, EXCO)						
12:10 - 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
	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
	S5-1	S5-2	S5-3	S5-4	S5-5	S5-6	S5-7
	SP-T01-0125	SP-T02-0156	SP-T03-0353	SP-T04-0288	SP-T06-0275	SP-T12-0286	SP-T01-0225
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	
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						
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A
	S6-1	S6-2	S6-3	S6-4	S6-5	S6-6	S6-7
	SP-T01-0079	SP-T02-0123	SP-T11-0397	SP-T04-0369	SP-T06-0384	SP-T12-0266	SP-T11-0375
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	
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)						

Time	May 28 (Tue)							
07:00 - 09:00	Registration (Lobby, 3F, EXCO)							
08:30 - 09:30	Oral Session 1							
	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	Room 211
	OS1-8	OS1-9	OS1-10	OS1-11	OS1-12	OS1-13	OS1-14	OS1-15
	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
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 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	Room 211
	S4-8	S4-9	S4-10	S4-11	S4-12	S4-13	S4-14	
	SP-T01-0215	SP-T04-0204	SP-T05-0336	SP-T07-0065	SP-T08-0071	SP-T09-0149	SP-T10-0363	
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)							
12:10 - 13:30	Lunch & Luncheon Seminar 1							
	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	Room 211
13:40 - 15:10	Concurrent Symposium 5							
	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	Room 211
	S5-8	S5-9	S5-10	S5-11	S5-12	S5-13	S5-14	
	SP-T01-0186	SP-T04-0176	SP-T05-0148	SP-T07-0075	SP-T08-0385	SP-T09-0140	SP-T10-0052	
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 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315	Room 211
	S6-8	S6-9	S6-10	S6-11	S6-12	S6-13	S6-14	W3-1
	SP-T01-0139	SP-T04-0164	SP-T05-0318	SP-T07-0349	SP-T08-0311	SP-T09-0320	SP-T10-0185	WP-0024
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)							

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
	OS2-1	OS2-2	OS2-3	OS2-4	OS2-5	OS2-6	OS2-7
	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
	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
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
	S7-1	S7-2	S7-3	S7-4	S7-5	S7-6	S7-7
	SP-T01-0078	SP-T02-0135	SP-T03-0173	SP-T04-0290	SP-T06-0277	SP-T12-0295	SP-T01-0212
	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
11:00 - 11:20	Coffee Break						
11:20 - 12:10	Plenary Lecture 4 - Prof. Takao Hanawa (Convention Hall, 5F, EXCO)						
12:10 - 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
	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						
	Room 325-AB	Room 325-CD	Room 324-A	Room 324-B	Room 323	Room 322	Room 306-A
	S8-1	S8-2	S8-3	S8-4	S8-5	S8-6	S8-7
	SP-T01-0322	SP-T02-0356	SP-T03-0153	SP-T04-0313	SP-T06-0128	SP-T12-0222	SP-T11-0046
	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
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
	S9-1	S9-2	S9-3	S9-4	S9-5	S9-6	S9-7
	SP-T11-0265	SP-T11-0396	SP-T03-0100	SP-T04-0305	SP-T02-0154	SP-T12-0213	SP-T11-0482
	100 Years of Biomaterials Design Contributions of Edward Merrill (1923-2020)	Acta Biomaterialia: Global Perspectives in Launching an Independent Career	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
18:00 - 19:00	Poster Session 3 (Grand Ballroom, 3F, EXCO)						
19:00 - 21:00	Congress Dinner (Grand Ballroom, B1, Hotel Inter-Burgo EXCO)						

Time	May 29 (Wed)						
07:00 - 08:30	Registration (Lobby, 3F, EXCO)						
08:30 - 09:30	Oral Session 2						
	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	OS2-8	OS2-9	OS2-10	OS2-11	OS2-12	OS2-13	OS2-14
	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
	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 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S7-8	S7-9	S7-10	S7-11	S7-12	S7-13	S7-14
	SP-T01-0137	SP-T04-0146	SP-T05-0329	SP-T07-0070	SP-T08-0198	SP-T09-0157	SP-T10-0124
	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)						
12:10 - 13:30	Lunch & Luncheon Seminar 2						
	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
13:40 - 15:10	Concurrent Symposium 8						
	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S8-8	S8-9	S8-10	S8-11	S8-12	S8-13	S8-14
	SP-T01-0119	SP-T04-0134	SP-T05-0391	SP-T07-0122	SP-T08-0259	SP-T09-0103	SP-T10-0085
	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 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S9-8	S9-9	S9-10	S9-11	S9-12	S9-13	S9-14
	SP-T01-0130	SP-T04-0104	SP-T06-0247	SP-T07-0174	SP-T08-0243	SP-T06-0058	SP-T10-0094
	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)						

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
	OS3-1	OS3-2	OS3-3	OS3-4	OS3-5	OS3-6	OS3-7
	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
	Hydrogel 3	Technology for biofabrication 1	Phospholipid-based materials for drug delivery	Biomaterials scaffolds 3	Biomaterials for medical applications 3	Functional nanobiomaterials for tissue engineering 2	Metals
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
	S10-1	S10-2	S10-3	S10-4	S10-5	S10-6	S10-7
	SP-T01-0086	SP-T06-0216	SP-T03-0138	SP-T04-0304	SP-T06-0339	SP-T12-0211	SP-T01-0209
	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
11:00 - 11:20	Coffee Break						
11:20 - 12:10	Plenary Lecture 6 - Prof. Joao F. Mano (Convention Hall, 5F, EXCO)						
12:10 - 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
	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
	S11-1	S11-2	S11-3	S11-4	S11-5	S11-6	S11-7
	SP-T01-0300	SP-T02-0142	SP-T03-0133	SP-T04-0285	SP-T06-0254	SP-T12-0202	SP-T01-0236
	Leveraging cell microenvironment and immune system to heal and regenerate	Additive manufacturing of biomaterials	Biomaterials for theranostics	Nanofibrous scaffold for tissue engineering	Biomaterials for women's health engineering	Electroactive Biomaterials for Tissue Engineering and of Regenerative Medicine Applications	Biomimetic structured materials
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
	S12-1	S12-2	S12-3	S12-4	S12-5	S12-6	S12-7
	SP-T11-0392	SP-T02-0284	SP-T11-0395	SP-T04-0289	SP-T06-0077	SP-T06-0042	SP-T11-0348
	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
18:00 - 19:00	Poster Session 4 (Grand Ballroom, 3F, EXCO)						

Time	May 30 (Thu)						
07:00 - 08:30	Registration (Lobby, 3F, EXCO)						
08:30 - 09:30	Oral Session 3						
	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	OS3-8	OS3-9	OS3-10	OS3-11	OS3-12	OS3-13	OS3-14
	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
	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 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S10-8	S10-9	S10-10	S10-11	S10-12	S10-13	S10-14
	SP-T01-0038	SP-T04-0102	SP-T02-0359	SP-T06-0095	SP-T08-0115	SP-T01-0307	SP-T10-0196
	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. Joao F. Mano (Convention Hall, 5F, EXCO)						
12:10 - 13:30	Lunch & Luncheon Seminar 3						
	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
13:40 - 15:10	Concurrent Symposium 11						
	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S11-8	S11-9	S11-10	S11-11	S11-12	S11-13	S11-14
	SP-T11-0401	SP-T06-0214	SP-T04-0081	SP-T06-0089	SP-T08-0248	SP-T02-0315	SP-T10-0365
	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 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S12-8	S12-9	S12-10	S12-11	S12-12	S12-13	S12-14
	SP-T01-0036	SP-T04-0049	SP-T06-0183	SP-T06-0332	SP-T08-0242	SP-T02-0126	SP-T08-0074
	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)						

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
	OS4-1	OS4-2		OS4-4	OS4-5	OS4-6	OS4-7
	T01 / SP-T13-0411	T02 / SP-T13-0416		T04 / SP-T13-0474	T06 / SP-T13-0475	T04 / SP-T13-0427	T03 / SP-T13-0422
	Conductive biomaterials	Technology for biofabrication 2		Biomaterials scaffolds 4	Biomaterials for medical applications 4	Biomaterials for hard tissue regeneration	Bioactive Hydrogels for Therapeutic Applications
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
	S13-1	S13-2	S13-3	S13-4	S13-5	S13-6	S13-7
	SP-T01-0294	SP-T02-0250	SP-T03-0109	SP-T04-0268	SP-T02-0326	SP-T06-0360	SP-T01-0177
	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
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
	S14-1	S14-2	S14-3	S14-4	S14-5	S14-6	S14-7
	SP-T01-0240	SP-T02-0245	SP-T03-0101	SP-T04-0255	SP-T06-0256	SP-T06-0346	SP-T01-0172
	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
12:50 - 13:00	Break						
13:00 - 14:00	Closing Ceremony (Convention Hall, 5F, EXCO)						

Time	May 31 (Fri)						
07:00 - 08:30	Registration (Lobby, 3F, EXCO)						
08:30 - 09:30	Oral Session 4						
	Room 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	OS4-8	OS4-9	OS4-10	OS4-11	OS4-12	OS4-13	OS4-14
	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
Immunomodulatory 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 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S13-8	S13-9	S13-10	S13-11	S13-12	S13-13	S13-14
	SP-T01-0026	SP-T04-0051	SP-T06-0166	SP-T06-0023	SP-T08-0171	SP-T06-0314	SP-T08-0053
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 306-B	Room 314	Room 321-A	Room 321-B	Room 320-A	Room 320-B	Room 315
	S14-8	S14-9	S14-10	S14-11	S14-12	S14-13	
	SP-T01-0141	SP-T04-0039	SP-T06-0143	SP-T02-0201	SP-T08-0107	SP-T02-0076	
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)						