Agenda Overview

Mar. 23, 2026, Monday (GMT+9)

Duration	zoom	RoomA
10:40-11:00		**Online Test for** Prof. Zhen Cao Asst. Prof. Juliana A. Knocikova Assoc. Prof. James Li
11:00-11:30		**Online Test for** **Online Session 1- Computational Biology and Precision Diagnostics & Therapy** KQ0003, KQ0037, KQ0042-A, KQ0056, KQ0066, KQ0090, KQ1016, KQ2039, KQ0008, KQ0007
11:30-12:00		**Online Test for** **Online Session 2- AI-driven Medical Data Analysis and Intelligent Diagnostics** KQ0074, KQ2050, KQ2037, KQ2078, KQ0097, KQ0095, KQ0032-A, KQ0091, KQ2045
12:00-12:30		**Online Test for** **Online Session 3- Biomedical Sensing, Devices and Healthcare Technologies** KQ0082, KQ0088, KQ0062, KQ2088, KQ2034, KQ2033, KQ2032, KQ2058, KQ2007, KQ0107

Note: This online testing session is only intended for authors who will attend the conference virtually. Onsite participants do not need to join this session.

Day 1, Mar. 26, 2026, Thursday (GMT+9)

Duration	Event	Venue
13:00-17:00	Arrival Registration & Conference Material Collection	C-1B, Building 20

Day 2, Mar. 27, 2026, Friday (GMT+9)-Morning

Duration	Event	Venue
09:00-09:10	**Opening Remarks** Prof. Tohru Kamiya, Kyushu Institute of Technology, Japan	C-2A, Building 20
09:10-09:40	**Keynote Speaker I** Prof. Hyo-Il Jung, Yonsei University, South Korea Speech Title: "A Journey from Natural Exosomes to AI-Designed Artificial Exosomes for Next-Generation Biotherapeutics"	
09:40-10:10	**Keynote Speaker II** Prof. TSUI Kwok-Wing Stephen, Chinese University of Hong Kong (CUHK) Speech Title: "Accelerating Precision Medicine Translation by the Development of an Evidence-based Clinical Exceptional Responder Gene－Drug Sensitivity Resource for Cancer"	
10:10-10:40	**Group Photo & Coffee Break**	
10:40-11:00	**Invited Speaker I** Prof. Jeroen Bergmann, University of Southern Denmark, Denmark Speech Title: "Moving Form Proof-of-Concept Biosensors to Deployable Intraoral Monitoring Systems"	C-2A, Building 20
11:00-11:20	**Invited Speaker II** Prof. Jiang Gui, Dartmouth College, USA Speech Title: "Efficient Spatial Transcriptomics Prediction from Histology via Sparse Convolution and Attention Rulebooks"	
11:20-11:40	**Invited Speaker III** Prof. Stephani Joy Y. Macalino, De La Salle University, Philippines Speech Title: "Understanding the Structure and Function of Glutathione Peroxidase 4 via In Silico Mutation Analysis"	
11:40-12:00	**Invited Speaker IV** Dr. Michail Smyrnakis, Science and Technology Facilities Council (STFC), UK Speech Title: "Biology as a Network: Robust Graph- and Transport-Based Learning for Multi-Omics"	
12:00-13:00	**Lunch---Venue: Lecture Room**	

Day 2, Mar. 27, 2026, Friday (GMT+9)-Afternoon

Venue 1

Duration	Event	Venue
	Workshop: Generative Genomics Workshop	
13:00-13:50	Generative Genomics and Generative Genes	C-2A, Building 20
14:00-14:50	Functions of Generative Genes	
15:00-15:50	AI and PLM in Genomics Research	
16:00-16:50	AI Models in Generative Genomics	
17:00-18:00	Panel with Open Discussion	

Venue 2

Duration	Event	Venue
13:20-15:35	**Track 1- Biomechanics and Rehabilitation Engineering for Prosthetics and Assistive Devices** KQ2019, KQ2049, KQ2020, KQ2031, KQ2062-A, KQ3002, KQ2070-A, KQ2073, KQ2072	C-2B, Building 20
15:35-15:55	**Coffee Break**	
15:55-18:10	**Track 2- Micro- and Nano-Scale Systems for Biomedical Applications** KQ2021, KQ2056-A, KQ2022, KQ2067-A, KQ2023, KQ2004-A, KQ2041, KQ2044-A, KQ2008-A	C-2B, Building 20

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Day 2, Mar. 27, 2026, Friday (GMT+9)-Afternoon

Venue 3

Duration	Event	Venue
13:00-15:30	**Oral Session 1- Computational Drug Discovery and Molecular Design** KQ2066-A, KQ0020-A, KQ0028, KQ0005, KQ0063, KQ1006-A, KQ1008, KQ0092-A, KQ1020-A, KQ0072-A	C-2G, Building 20
15:30-15:55	**Coffee Break**	
15:55-17:55	**Oral Session 2- Machine Learning-Driven Integration of Multi-Omics and Multimodal Data** KQ2030-A, KQ0006-A, KQ0036-A, KQ0068, KQ0085-A, KQ0086-A, KQ0035-A, KQ1009	C-2G Building 20

Venue 4

Duration	Event	Venue
13:00-15:30	**Oral Session 3- Intelligent Multimodal Medical Image Processing and Analysis** KQ2002, KQ2012, KQ2052, KQ2071, KQ2042, KQ0038, KQ0053, KQ0065, KQ0101, KQ1019	C-3B, Building 20
15:30-15:55	**Coffee Break**	
15:55-17:55	**Oral Session 4- Multimodal Biomedical Data Analysis in Clinical Decision Support** KQ0014-A, KQ0076, KQ0083-A, KQ0093, KQ0103, KQ2043, KQ0015, KQ2068	C-3B, Building 20

Day 2, Mar. 27, 2026, Friday (GMT+9)-Afternoon

Venue 5

Duration	Event	Venue
14:00-15:40	**Poster Session 1- Computational Biology and Systems Biology** KQ0021-A, KQ0023-A, KQ0025-A, KQ0029, KQ0073-A, KQ0077-A, KQ0046-A, KQ1002-A, KQ0002-A **Poster Session 2- Medical Image Analysis and Computational Biomedical Modeling** KQ2079-A, KQ2064-A, KQ2080-A, KQ0044, KQ2081-A, KQ2006-A, KQ2082-A, KQ0045, KQ2083-A	C-1A, Building 20
15:40-16:00	**Coffee Break**	
16:00-17:40	**Poster Session 3- Advanced Biomaterials and Intelligent Medical Sensing** KQ2025, KQ2086-A, KQ2011-A, KQ2013-A, KQ2061-A, KQ2024-A, KQ0099 **Poster Session 4- Digital Health and Intelligent Clinical Systems** KQ2084-A, KQ2035-A, KQ2085-A, KQ0019, KQ2087-A, KQ2001-A	C-1A, Building 20

18:20-20:30	**Dinner---Venue: Nakamura Centenary Memorial Hall (Building No. 63)**

Tips: Please arrive at the Conference Room 15 minutes ahead of the session. The duration for Keynote Speech: about 25 minutes of presentation and 5 minutes of Q&A. The duration for Invited Speech: about 15 minutes of presentation and 5 minutes of Q&A. The duration for Regular Presentation: about 12 minutes of presentation and 3 minutes of Q&A.

Day 3, Mar. 28, 2026, Saturday (GMT+9)-Onsite

Venue: C-2A, Building 20	
9:00-9:30	**Invited Tutorial Speaker** Assoc. Prof. Hamed S. Najafabadi, Human Genetics at McGill University, Canada Speech Title: "Toward Alignment-Free Genomics Through Learned Sequence Embeddings"
9:30-9:50	**Coffee Break**

Duration	Event	Venue
9:50-12:05	**Oral Session 5- Genomics and Multi-Omics: From Single Cells to Systems Biology** KQ1017-A, KQ1018, KQ0030-A, KQ0078-A, KQ0079, KQ0087-A, KQ1007, KQ2053-A, KQ2065-A	C-2A, Building 20
9:50-12:05	**Oral Session 6- Computational Modeling and Biomedical Systems** KQ2063, KQ2069, KQ2076, KQ0031, KQ0070-A, KQ1003-A, KQ2029, KQ0041, KQ2028	C-2B, Building 20

Tips: Please arrive at the Conference Room 15 minutes ahead of the session. The duration for Regular Presentation: about 12 minutes of presentation and 3 minutes of Q&A.

Day 3, Mar. 28, 2026, Saturday (GMT+9)-Online

	Room A
9:30-9:50	**Invited Speaker V** Assoc. Prof. James Li, Georgetown University Medical Center, USA Speech Title: "Agentic AI for Automating Biomedical Data Analysis and Discovery"
9:50-10:10	**Invited Speaker VI** Prof. Zhen Cao, Zhejiang University, China Speech Title: "Micro-Nanofluidic Platforms for Fast and Sensitive Single-Molecule Analysis"
10:10-12:40	**Online Session 1- Computational Biology and Precision Diagnostics & Therapy** KQ0003, KQ0037, KQ0042-A, KQ0056, KQ0066, KQ0090, KQ1016, KQ2039, KQ0008, KQ0007
12:40-13:30	**Break**
13:30-15:45	**Online Session 2- AI-driven Medical Data Analysis and Intelligent Diagnostics** KQ0074, KQ2050, KQ2037, KQ2078, KQ0097, KQ0095, KQ0032-A, KQ0091, KQ2045
15:45-16:05	**Invited Speaker VII** Asst. Prof. Juliana A. Knocikova, University of Ostrava, Czech Republic Speech Title: "Wavelets and Nonlinear Dynamics in Mental Health: Brain Patterns Revealed"

	Room B
13:30-16:15	**Online Session 3- Biomedical Sensing, Devices and Healthcare Technologies** KQ0082, KQ0088, KQ0062, KQ2088, KQ2034, KQ2033, KQ2032, KQ2058, KQ2007, KQ0107, KQ2092

Tips: Please log in the ZOOM Room 15 minutes ahead of the session. The duration for Regular Presentation: about 12 minutes of presentation and 3 minutes of Q&A.