



CONFERENCE ABSTRACT

2024 14th International Conference on Biomedical Engineering and Technology (ICBET 2024)

June 14-17, 2024 | Seoul, South Korea

Global Center, College of Medicine, Seoul National University

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▪ Conference Venue



Global Center, College of Medicine, Seoul National University

Address: 71 Ewhajang-gil, Jongno-gu, Seoul

Website: <https://medicine.snu.ac.kr/en/>

Seoul National University's Yeongeon Campus is home to the College of Medicine and the College of Dentistry. The College of Medicine boasts over 520 professors who excel in international academic activities and are dedicated to student education. Combined with the undergraduate program and graduate students, there are over 2,000 outstanding students who are committed to their studies as medical professionals and scientists responsible for life sciences. Seoul National University College of Medicine (SNUCM) Global Center (71 Ewhajang-gil, Jongno-gu, Seoul) is located near the Yeongeon Campus, within the premises of Korea National Open University. It houses various event venues and conference rooms, including the Lee Jong-wook Global Education Center. The Yeongeon Campus and the Global Center are situated in Daehak-ro, a famous youthful street in Jongno, and are also close to Dongdaemun Tourism Complex. Additionally, there are nearby attractions such as Changgyeonggung Palace, Gyeongbokgung Palace, Insadong, and Ikseondong, which are popular destinations for domestic and international travelers.

Maps: <https://maps.app.goo.gl/D9rxK1pyTsmkbF7s7>

Recommended Hotels


- MayPlace Hotel
- Nine Tree Hotel Dongdaemun
- Ramada By Wyndham Seoul Dongdaemun
- Orakai Daehakro Hotel

Note: The registration fee does not cover the accommodation. Please do not share your personal credit card information with unrelated persons.



Agenda Overview

Day 1, June 14, 2024, Friday (GMT+9)

Duration	Event	Venue
10:00-17:00	Arrival Registration & Conference Material Collection	Room 105 (1F)
Note: the arrival registration can be done on June 15, 2024.		
Duration	Event	Venue
10:00-12:00	 Online Test: SE0073, SE0001, SE0078, SE0082, SE0083, SE1004, SE0081, SE2020, SE2003-A, SE0087, SE0084	

Day 2, June 15, 2024, Saturday (GMT+9)

Duration	Event	Venue
09:00-09:10	Opening Remarks Prof. Tae-Seong Kim, Kyung Hee University, South Korea	Room 101 (1F)
09:10-09:55	Keynote Speaker I Prof. Irene Yu-Hua Gu, Chalmers University of Technology, Sweden Speech Title: "Federated Deep Learning and its Application to Brain Cancer Molecular Subtype Prediction from MRIs "	
09:55-10:20	Group Photo & Coffee Break	
10:20-11:05	Keynote Speaker II Prof. Stephen Kwok-Wing Tsui, The Chinese University of Hong Kong, Hong Kong Speech Title: "Genomics Study Reveals Insights into the Divergent Evolution and Comprehensive Allergen Profiles of Astigmatic Mites"	Room 101 (1F)
11:05-11:30	Invited Speaker I Assoc. Prof. Md. Altaf-UI-Amin, NARA Institute of Science and Technology, Japan Speech Title: "Computational Approaches to Predict Natural Antibiotics based on Traditional Herbal Medicines"	
11: 30-11:55	Invited Speaker II Assoc. Prof. Guanghui (Richard) Wang, Toronto Metropolitan University, Canada Speech Title: "Polyp Segmentation from Colonoscopy Images Using Enhanced Neural Networks"	



11:55-12:20	Invited Speaker III Prof. Dilek Çökeliler Serdaroğlu, Başkent University, Turkey Speech Title: "Glow Discharge Plasma Technology for Biomedical Applications and Integration Design of Experiment Model for In-Vitro and In-Vivo Test"	Room 101 (1F)
12:20-13:20	Lunch---Venue: Room 101 (1F) &Room 105 (1F)	
Duration	Venue: Room 101 (1F)	Venue: Room 105 (1F)
13:20-13:45	Invited Speaker IV Assoc. Prof. Giovanni Pappalettera, Polytechnic University of Bari, Italy Speech Title: "Effects of OUT (Onco-Ultrasound-Tripsy) in-vitro Treatment on Cancer and Healthy Cells: Application to U937 Human Histiocytic Lymphoma Cells"	Invited Speaker V Prof. Wenqiao (Wayne) Yuan, North Carolina State University, USA Speech Title: "Biochar and its Potential Biomedical Applications"
13:45-15:45	Oral Session 1-Biomedical Signal Analysis and Processing SE0002, SE0070, SE0079, SE0092, SE0080, SE0055, SE0042, SE0071	Oral Session 2- Medical Imaging and Biomedical Image Processing SE1003, SE0009, SE0014, SE0020, SE0066-A, SE0022, SE0023, SE0007
15:45-16:00	Coffee Break	
Duration	Venue: Room 101 (1F)	Venue: Room 105 (1F)
16:00-16:25	Invited Speaker VI Assoc. Prof. Anita Sukmawati, Universitas Muhammadiyah Surakarta, Indonesia Speech Title: "Formulation and Stability Evaluation of Gels Containing Chitosan Microparticle Loaded Beetroot (Beta Vulgaris, Linn) for Topical Skin Brightening"	Invited Speaker VII Assoc. Prof. Muhammad Ijaz, Qilu Institute of Technology, China Speech Title: "Screening of Active Ingredients from Wendan Decoction in Alleviating Palmitic Acid-Induced Endothelial Cell Injury"
16:25-18:10	Oral Session 3- Medicinal Plants and Bioactivity of Natural Products SE2004-A, SE2006-A, SE2011-A, SE2012-A, SE2029, SE2030, SE2021	Oral Session 4- Biosensors and Virtual Simulation Technology in Healthcare SE0004-A, SE0032, SE0094, SE1007, SE0024, SE0077, SE0067
18:20-20:30	Dinner Banquet---Venue: TBA	


Poster Session- Room 101 (1F) &Room 105 (1F)

15:00-17:00	Poster Session- Bioinformatics, Intelligent Medical Technology, and Pharmacy SE0012-A, SE0089-A, SE0031-A, SE0034-A, SE0060-A, SE0028-A, SE2017-A, SE2005-A, SE2014, SE2008-A
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**Day 3, June 16, 2024, Sunday (GMT+9)**

Duration	Event	Venue
09:00-09:45	Keynote Speaker III Prof. Nagendra Kaushik, Kwangwoon University, South Korea Speech Title: "Plasma-Generated Nitric Oxide Water for Bio-medical Applications"	Room 101 (1F)
09:45-10:00	Coffee Break	

Duration	Venue: Room 101	Venue: Room 105
10:00-11:45	Oral Session 5- Bioinformatics and Prediction Models for Disease Dagnosis SE0003, SE0019, SE0005, SE0018, SE0013, SE0017, SE0027-A	Oral Session 6- Applied Pharmacy and Biomedical Research SE3004-A, SE0065, SE0095-A, SE3002-A, SE2031, SE0006, SE2016

 Online Session	
13:30-16:15	Online Session- Computational Biology and Application of Intelligent Healthcare Technology SE0073, SE0001, SE0078, SE0082, SE0083, SE1004, SE0081, SE2020, SE2003-A, SE0087, SE0084

Tips:

Please arrive at the Conference Room or log in the ZOOM Room 15 minutes ahead of the session. The duration for Keynote Speech: about 40 minutes of presentation and 5 minutes of Q&A. The duration for Invited Speech: about 20 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.