

**Advances in Biomedicine Symposium 2026**  
**- Celebrating the College of Biomedicine's First Anniversary**

**Date:** 7 – 9 January 2026

**Venue:** Senate Room, 19/F, Lau Ming Wai Academic Building, CityUHK

**All CityUHK Staff and Students are welcome to attend.**

7 January 2026 (Wednesday) – Day 1	
Session #1 - Chaired by Prof. Chia-Hung CHEN, CityUHK	
08:20 – 08:50	<i>Registration</i>
08:50 – 09:00	<b>Opening Remarks</b> Prof. Isaiah ARKIN (CityUHK)
09:00 – 09:40	<b>Signaling by Growth Factor Receptor Tyrosine Kinases</b> Prof. Mark LEMMON (Yale University, USA)
09:40 – 10:20	<b>Biological Chip for Cell-Based Diagnosis and Therapy</b> Prof. Lingqian CHANG (Beihang University, China)
10:20 – 11:00	<b>Rapid Antibiotic Susceptibility Screening by Super-Resolution Microscopy</b> Prof. Dayong JIN (University of Technology Sydney, Australia)
11:00 – 11:15	<i>Coffee Break</i>
11:15 – 11:55	<b>Nanocoated Bacterial Therapeutics</b> Prof. Jinyao LIU (Shanghai Jiao Tong University, China)
11:55 – 12:25	<b>Skin Interfaced Electronics for Healthcare and VR/AR</b> Prof. Xinge YU (CityUHK)
12:25 – 13:55	<i>Lunch (By Invitation)</i>
Session #2 - Chaired by Prof. Qinrong ZHANG, CityUHK	
13:55 – 14:35	<b>Allosterically Regulation of Oligomeric Receptor Tyrosine Kinases</b> Prof. Kathryn FERGUSON (Yale University, USA)
14:35 – 15:15	<b>Biomaterials to Boost Cancer Immunotherapy, from Bench to Bedside</b> Prof. Zhuang LIU (Soochow University, China)
15:15 – 15:45	<b>From Mechanotransduction to Anti-Atherosclerosis Therapeutics</b> Prof. Li WANG (CityUHK)
15:45 – 16:00	<i>Coffee Break</i>
16:00 – 16:40	<b>Multimodal Photoacoustic Ultrasound Imaging: From Bench To Bedside and Products</b> Prof. Chulhong KIM (Pohang University of Science and Technology, Korea)
16:40 – 17:20	<b>Brain Stimulation for Treatment of Parkinson's Disease: Network Perspective</b> Prof. Jin BAO (Chinese Academy of Sciences, China)
17:20 – 18:00	<b>Minimally Invasive Bioelectronics</b> Prof. Xi XIE (Sun Yat-Sen University, China)
18:00 – 20:00	<i>Dinner (By Invitation)</i>

8 January 2026 (Thursday) – Day 2	
Session #3 - Chaired by Prof. Xiaowei ZHU, CityUHK	
09:00 – 09:35	<i>Registration</i>
09:35 – 09:40	<b>Welcome Remarks</b> Prof. Xiaowei ZHU (CityUHK)
09:40 – 10:20	<b>Silent Waves, Powerful Effects: How Ultrasound Shapes the Brain</b> Prof. Joo Min PARK (Institute for Basic Science, Korea)
10:20 – 11:00	<b>Revolutionizing Cell Manufacturing and Regenerative Therapy with Microtissue Engineering</b> Prof. Yanan DU (Tsinghua University, China)
11:00 – 11:15	<i>Coffee Break</i>
11:15 – 11:55	<b>Development of Cross-Scale Imaging Probes for Tumor Boundary Identification</b> Prof. Aiguo WU (Chinese Academy of Sciences, China)
11:55 – 12:25	<b>Microfluidics for Single Cell Applications</b> Prof. Megan HO (The Chinese University of Hong Kong, China)
12:25 – 13:55	<i>Lunch (By Invitation)</i>
Session #4 - Chaired by Prof. Jilin ZHANG, CityUHK	
13:55 – 14:35	<b>Engineering the Structure of Genome</b> Prof. Hao YIN (Wuhan University, China)
14:35 – 15:05	<b>How Miniaturized Robots Could Revolutionize Healthcare by Minimizing Invasiveness and Enabling New Capabilities</b> Prof. Jiachen ZHANG (CityUHK)
15:05 – 15:45	<b>Formation and Function of Circular RNAs in Human Development and Disease</b> Prof. Simon CONN (Flinders University, Australia)
15:45 – 16:00	<i>Coffee Break</i>
16:00 – 16:40	<b>Self-Powered Medical Devices and Electrical Stimulation Therapy</b> Prof. Zhou LI (Tsinghua University, China)
16:40 – 17:20	<b>Somatic Mosaicism for Understanding Human Development and Ageing</b> Prof. Young Seok JU (Korea Advanced Institute of Science and Technology, Korea)

9 January 2026 (Friday) – Day 3	
Session #5 - Chaired by Prof. Chenjie XU, CityUHK	
08:30 – 08:55	<i>Registration</i>
08:55 – 09:00	<b>Welcome Remarks</b> Prof. Chenjie XU (CityUHK)
09:00 – 09:40	<b>Transfer RNA Fragments, Molecular Regulators of Neurodegeneration and Stress</b> Prof. Hermona SOREQ (The Hebrew University of Jerusalem, Israel)
09:40 – 10:20	<b>Living Materials Powered by Microorganisms</b> Prof. Ziyi YU (Nanjing Tech University, China)
10:20 – 11:00	<b>A New Principle in Vesicle Trafficking</b> Prof. Da JIA (Sichuan University, China)
11:00 – 11:15	<i>Coffee Break</i>
11:15 – 11:55	<b>Chasing RNA in Motion: Exploring RNA Dynamics in Cells and Beyond</b> Prof. Hanae SATO (Kanazawa University, Japan)
11:55 – 12:25	<b>RNA G-Quadruplex Structures: Key Regulators in Biology and Promising Targets for Disease</b> Prof. Chun Kit KWOK (CityUHK)
12:25 – 13:55	<i>Lunch (By Invitation)</i>
13:55 – 14:35	<b>Mechanomedicine: From Biomechanics and Mechanobiology to Mechanodiagnosis and Mechanotherapy</b> Prof. Feng XU (Xi'an Jiaotong University, China)
14:35 – 15:15	<b>Microfluidic and AI-Driven Platforms for Next-Generation Assisted Reproduction</b> Prof. Majid Ebrahimi WARKIANI (University of Technology Sydney, Australia)
15:15 – 15:45	<b>Spinal Astrocytes Heterogeneity in Neuropathic Pain Pathogenesis</b> Prof. Jessica Aijia LIU (CityUHK)
15:45 – 16:00	<i>Coffee Break</i>
Session #6 – Student Poster Session	
16:00 – 17:00	<b>Prize Presentation Ceremony &amp; Closing Remarks</b>

(5 January 2026)