

Venue: Conference Hall, Xinmin Hotel

Sub-forum of 2026 International Conference on the Cooperation and Integration of Industry, Education, Research and Application Agenda

August 30, 2026 (Sunday)

TIME	TOPIC	SPEAKER	SESSION CHAIR
08:20-08:40	Opening Ceremony		Zhengwen An

Session 1 Immunity & Disease			

08:40-09:20	Amyloid catalysis in diabetes and cancer	Raz Jelinek Ben-Gurion University of the Negev	Wenhuan Bu

09:20-10:00	Porphyromonas gingivalis, Gingipains, and Immune Evasion: Mechanistic Insights into Macrophage PD-L1 Regulation	Hirohiko Okamura Okayama University	Qilin Liu

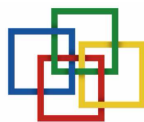
Session 2 Development & Cell Plasticity			

10:00-10:40	Palate elevation by elastic pre-stress: implications for clefting mechanisms	Jeremy Green King's College London	Zhengwen An

10:40-11:20	Pluripotent stem cells - a unique player in developmental biology and regenerative medicine	Wei Cui Imperial College London	Daowei Li

11:20-12:00	Neuronal plasticity in disease: from peripheral pain to central motor disorders	Tiejun Shi University of Bergen	Lin Meng

12:00-13:30	Lunch		



Session 3 Biomaterials & Regeneration

13:30-14:10	Exploring Biomaterial Control of Cell Fate in Stem Cells and Human Liver Organoids	Nan Ma Freie Universität Berlin	Xiaowei Xu
14:10-14:50	Nanomaterial-Based Osteoimmune Regulation for Maxillofacial Bone Regeneration	Janak Pathak Guangzhou Medical University	Bei Chang
14:50-15:30	O-GlcNAcylation: A Morphological Regulator of Osteoblast Differentiation — A Bioinformatics- and AI-Driven Study	Ziyi Wang Okayama University	Xing Li

Session 4 Digital Health & AI

15:30-16:10	AI in Dental X-ray diagnostics	Xieqi Shi University of Bergen	Ce Shi
16:10-16:50	Results of Big Data analysis in St. Petersburg: The impact of changes in atmospheric pressure and air temperature on the number of ambulance calls to patients with hypertension: 525,000 patients - retrospective analysis over 10 years	Andrei Makhnovskii Mechnikov North-Western State Medical University	Yijun Zhou
16:50-17:30	Personalized intensive care for patients with severe abdominal sepsis based on phenotyping	Galina Pichugina St. Petersburg Research Institute of Emergency Medicine	Ding Zhou
17:30-17:45	Closing Ceremony		