



JAIMA and China's Instrument Information Network to Jointly Host "Japan-China Scientists Forum - Life Sciences"

– Toward disseminating cutting-edge life sciences information on Wednesday, July 20, 2022 –

TOKYO--([BUSINESS WIRE](#))-- The Japan Analytical Instruments Manufacturers' Association (hereinafter "JAIMA"; location: 2-5-16 Kanda Nishiki-cho, Chiyoda-ku, Tokyo, 101-0054 Japan; president: Akira Nakamoto; senior corporate advisor: Shimadzu Corporation) announces that, on Wednesday July 20, 2022, it will jointly hold the second online "Japan-China Scientists Forum - Life Sciences" with China's Instrument Information Network.

This year's theme is "life sciences," and JAIMA has invited Professor Emeritus Toshihiro Akaike of the Tokyo Institute of Technology as the keynote speaker. Professor Akaike started his career in polymer chemistry at the University of Tokyo and continued his research into biomaterials connecting polymer chemistry and bio-chemistry through his work at Tokyo Women's Medical University. This year's lectures will cover the latest in biomaterials, from regenerative medicine and drug delivery to vaccines based on cadherin biology and cadherin engineering. Furthermore, Teiko Shibata-Seki, a visiting researcher at Tokyo Metropolitan University and who has contributed to Professor Akaike's research via atomic force microscopy (AFM) measurement, will also give a lecture.

Also, from China, JAIMA is pleased to welcome Professor Yangjun of the College of Life Sciences at Nankai University and who is also a student of Professor Akaike, as well as leading professors from Tsinghua University and the Chinese Academy of Sciences.

"Japan-China Scientists Forum - Life Sciences" program

Date & times: Wednesday, July 20, 10:00–17:40 JST

10:00–10:20 Opening remarks: CEO Tang Haixia of Instrument Information Network, China, and President Akira Nakamoto of JAIMA

10:20–11:05 Lecture 1: Professor Emeritus Toshihiro Akaike of the Tokyo Institute of Technology and Visiting Researcher Teiko Shibata-Seki of Tokyo Metropolitan University

"A NEW ERA of Advanced Biomaterials for Regenerative Medicine, Drug Delivery Systems, and NEW Vaccination"

"From Cadherin Biology to Cadherin Engineering"

11:05–11:45 Lecture 2: Professor Yangjun, College of Life Sciences, Nankai University

"Biomaterials and Regenerative Medicine"

11:45–12:25 Lecture 3: Professor Du Yanan, Department of Biomedical Engineering, School of Medicine, Tsinghua University

"Research & Development of Smart Manufacturing Technologies in 3D Microcarrier Cellularization"

12:25–12:55 Sponsor Session

15:00–15:40 Lecture 4: Professor Jin-Ming Lin, Department of Chemistry, Tsinghua University

"Cell Co-culturing and Drug Metabolism Methods are Studied Using Microfluidic Mass Spectrometry"

15:40-16:20 Lecture 5: Professor Dechen Jiang, State Key Laboratory of Analytical Chemistry for Life Sciences, Nanjing University

"Intracellular Electrochemical Analysis in Living Cells"

16:20–17:00 Lecture 6: Researcher Yao Lu, Dalian Institute of Chemical Physics, Chinese Academy of Sciences

"Analysis Technology for Single-cell Secreted Proteins"

17:00–17:40 Sponsor session

Broadcast method: Delivered via Zoom video webinar

Languages: Lecture 1: Materials in English; lecture in English | Lectures 2–6: Materials in English; lecture in Chinese

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