

## The 21st New Pharmaceutical Technology and Engineering Conference 2024 Program

Venue: Kyoto International Conference Center (ICC Kyoto)

July 30th, 2024		July 31st, 2024	
09:20 ~ 09:30	<b>Hirofumi Takeuchi</b> Chairman, New Pharmaceutical Technology and Engineering Institute (Emeritus Professor, Gifu Pharmaceutical University) 『Opening Remarks』	09:30 ~ 10:20	<b>Hiroyuki Kojima</b> Senior Vice President, Head of Pharmaceutical Research and Technology Labs, Pharmaceutical Research and Technology Labs, CMC Development, Astellas Pharma Inc. 『Strategic History of Drug Product Development at Astellas~Past · Present · Coming Future~』
09:30 ~ 10:20	<b>Jennifer A. Maguire</b> Director, CDER/OPQ/Office of Quality Surveillance, US Food and Drug Administration (FDA) 『An Update on CDER's Quality Management Maturity Program』	10:20 ~ 10:40	<b>Kazunori Kataoka</b> Vice Chairperson of KIIP, Center Director of iCONM, Kawasaki Institute of Industrial Promotion · Innovation Center of NanoMedicine 『Nanotechnology for Future Medicine: Development of Molecular Technologies to Transport, Fabricate, and Manipulate Drugs within the Body』
10:20 ~ 10:40	Coffee Break (20 minutes)	10:20 ~ 10:40	Coffee Break (20 minutes)
10:40 ~ 11:30	<b>Daisuke Hirasawa</b> Senior Manager, Manufacturing Technology Division / Digital and Engineering Department, Chugai Pharma Manufacturing Co., Ltd. 『Breaking new ground beyond the "Wall of 0.05µg/m3" ~ Honored as ISPE Facility of the Year Awards Category Winner ~ 』	11:30 ~ 12:20	<b>Yoshinori Ikeura</b> Chief Executive Officer, Axcelead, Inc. 『Axcelead; Global Pharmaceutical Development Partner to create innovative medicine』
11:30 ~ 12:20	<b>Stephen Timothy Buckley</b> Vice President, Advanced Drug Delivery, Novo Nordisk 『Discovery and development of an orally delivered GLP-1R agonist   From concept to reality and beyond』	12:20 ~ 13:20	Lunch Time (60 minutes)
12:20 ~ 13:20	Lunch Time (60 minutes)	13:20 ~ 13:40	Lunch Time (60 minutes)
13:20 ~ 13:40	The New Pharmaceutical Technology and Engineering Foundation Particle Design & Research Abroad Grant Awards Ceremony	13:20 ~ 14:10	<b>Rupesh Malhotra</b> Associate Director, GMP Operational Quality Assurance, Vertex Pharmaceuticals 『Exploring AI's Role in Enhancing Quality and Efficiency in Continuous Manufacturing and Product Release』
13:40 ~ 14:30	<b>The 11th Particle Design Award Commemorative Lecture</b> <b>Hidetaka Akita</b> Professor, Graduate School of Pharmaceutical Sciences, Tohoku University 『Development of intracellular environment-responsive lipid-like material: ssPalm』	14:10 ~ 15:00	<b>Biplob Mitra</b> Associate Director, Drug Product Development, Bristol-Myers Squibb Company 『A framework to development of micro-tablets and mini-tablets, an age-agnostic oral solid dosage form』
14:30 ~ 15:20	<b>Hirokazu Yokoyama</b> Researcher, Formulation Research Group 1, Formulation Technology Research Laboratories, Pharmaceutical Technology Division, Daiichi Sankyo Co., Ltd. 『Scale-up of lyophilization process using New monitoring tools.』	15:00 ~ 15:10	Coffee Break (10 minutes)
15:20 ~ 15:40	Coffee Break (20 minutes)	15:10 ~ 16:00	<b>Masato Gomi</b> Manager, Formulation R&D Laboratory, Pharmaceutical Technology Research Division, SHIONOGI & CO.,LTD. 『Product development of ensitrelvir fumaric acid tablet』
15:40 ~ 16:30	<b>Jeremy A. Bartlett</b> Research Fellow, Pharmaceutical Sciences/Drug Product Design, Pfizer Inc. 『Latest strategies and drug delivery technology advancements meeting the needs of pediatric to geriatric patients』	16:00 ~ 16:50	<b>Daisuke Fujii</b> Deputy Director, Compliance and Narcotics Division, Pharmaceutical Safety Bureau, Ministry of Health, Labour and Welfare 『Current Situation of Japanese Pharmaceutical Inspection and Guidance, and Government Measures to Ensure Quality of Medical Products』
16:30 ~ 17:20	<b>Hideki Fujiwara</b> Vice President, Head of Hikari Plant, Global Manufacturing & Supply Japan, Takeda Pharmaceutical Company Limited 『Significant production increase using DX through the transparency of entire process and bottleneck process improvement』	16:50 ~ 17:00	<b>Katsuhide Terada</b> Professor, Faculty of Pharmacy, Takasaki University of Health and Welfare 『Closing Remarks』
17:40 ~ 19:40	Networking Party	17:00 ~	

※Simultaneous interpretation is available for all the presentations