

The 20th New Pharmaceutical Technology and Engineering Conference 2023 Program

Venue: Shinagawa Inter City Hall

Organized by: The New Pharmaceutical Technology and Engineering Institute (NPTE)

| July 12th, 2023 | | July 13th, 2023 | |
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| 09:20 ~ 10:00 | <p><u>Hirofumi Takeuchi</u> Chairman, New Pharmaceutical Technology and Engineering Institute (Emeritus Professor, Gifu Pharmaceutical University) 『Opening Remarks in commemoration of the 20th 』</p> | 09:30 ~ 10:20 | <p><u>Alan Kelly</u> Head of Alofisel Manufacturing, GMS Biologics, Global Manufacturing and Supply Takeda Pharmaceuticals Inc. 『Takeda FOYA winners Innovative Solutions for Today's Supply Chain Challenges』</p> |
| 10:00 ~ 10:50 | <p><u>Lawrence Yu</u> Director, Office of new Drug Products, Food and Drug Administration 『Cloud-based Regulatory Submission and Assessment: ICH M4Q(R2) and FDA KASA Initiative』</p> | 10:20 ~ 11:10 | <p><u>Hideo Eno</u> Director, Office of Manufacturing Quality for Drugs, Pharmaceuticals and Medical Devices Agency 『PMDA's response to manufacturing quality issues』</p> |
| 10:50 ~ 11:10 | Coffee Break (20 minutes) | 11:10 ~ 11:30 | Coffee Break (20 minutes) |
| 11:10 ~ 12:00 | <p><u>Haihong (Judy) Zhu</u> VP, Portfolio and Project management, Triastec. Ink 『Melt Extrusion Deposition (MED@) 3D Printing: An Emerging Technology for Pharmaceutical Applications』</p> | 11:30 ~ 12:20 | <p><u>Tomoichi Sato</u> Chief Engineer (Business Analyst), Group Strategic Planning & Management Office, JGC Holdings Corporation 『Smarter Factory for the Pharmaceutical Manufacturing - aspects from the industrial comparison』</p> |
| 12:00 ~ 13:00 | Lunch Time (60 minutes) | 12:20 ~ 13:20 | Lunch Time (60 minutes) |
| 13:00 ~ 13:20 | The New Pharmaceutical Technology and Engineering Foundation Particle Design & Research Abroad Grant Awards Ceremony | | |
| 13:20 ~ 14:10 | <p>The 10th Particle Design Award Commemorative Lecture <u>Shigeru Kawakami</u> Professor, Department of Pharmaceutical Informatics, Graduate School of Biomedical Sciences, Nagasaki University 『Development of targeting technology for nucleic acid medicine using nanoparticles』</p> | 13:20 ~ 14:10 | <p><u>Salvador Garcia-Munoz</u> Executive Director, Synthetic Molecule Design and Development, Eli Lilly and Company 『Computer-aided process engineering in developing and operating continuous processes』</p> |
| 14:10 ~ 15:00 | <p><u>Shoji Yokota</u> Board Member, Senior Executive Officer, Head of R&D, R&D division, Sawai Pharmaceutical Co., Ltd. 『Sustainable R&D system for stable generic drug supply in Sawai』</p> | 14:10 ~ 15:00 | <p><u>Keita Yaginuma</u> Researcher, Solid Formulation Research Group 1, Formulation Technology Research Laboratories, Pharmaceutical Technology Division, Daiichi Sankyo Co., Ltd. 『Soft Sensor-Based Real-Time Monitoring and Process Control in Fluidized Bed Granulation』</p> |
| 15:00 ~ 15:20 | Coffee Break (20 minutes) | 15:00 ~ 15:10 | Coffee Break (10 minutes) |
| 15:20 ~ 16:10 | <p><u>Robert Yule</u> Head of US Engineering and Modeling CMC Synthetics, Sanofi 『A vision for accelerating Oral Solid Dosage Drug Product development』</p> | 15:10 ~ 16:00 | <p><u>Hideshi Nakamura</u> Deputy Division Manager, Corporate Strategy Division, TOWA PHARMACEUTICAL CO., LTD. 『Prospects For The Future And Business Strategies Of Generics - Business Model On A New Stage - 』</p> |
| 16:10 ~ 17:10 | <p><u>Panel Discussion</u> Milestone for the Next Generation of Japanese Pharmaceutical Industry through the Social Crisis: Combination of the Needs of the Medical Field and the Seeds of Formulation Technology</p> <p><u>Katsufumi Jo</u> Ministry of Health, Labour and Welfare Government of Japan <u>Ayaka Naqai</u> Pharmacist, I&H Co., Ltd. <u>Kenji Nozawa</u>, Sawai Pharmaceutical Co., Ltd. <u>Yasuyuki Ikematsu</u> Eisai Co., Ltd. <u>Etsuo Yonemochi</u>, MC/ Hoshi University</p> | 16:00 ~ 16:50 | <p><u>James Butler</u> Senior Fellow, Biopharmaceutics, Medicines Product Development, GlaxoSmithKline (GSK) 『The Developability Classification System (DCS) – Application to Formulation Development Strategies』</p> |
| 17:40 ~ 19:40 | Networking Party | 16:50 ~ 17:00 | <p><u>Katsuhide Terada</u> Professor, Faculty of Pharmacy, Takasaki University of Health and Welfare 『Closing Remarks』</p> |

※Simultaneous interpretation is available for all the presentations