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The program is composed of invited lectures, a poster session and related discussions. All lectures are by invitation. The symposium language will be English. Plenary lectures will last 50 min (40+10), invited lectures will last 30 min (25+5).

Sunday, May 18, 2025			
15:00	Registration at Tohoku University Sakura Hall		
17:30	L1 Hajime ITO (Hokkaido University) The Rise of Mechanochemical Organic Synthesis: Innovations and Future Perspectives https://itogroupphp.eng.hokudai.ac.jp		Chair: Yoshiharu Iwabuchi
19:00	Welcome Mixer at Sakura kitchen (Katahira Campus at Tohoku University)		
Monday, May 19, 2025			
8:30	Opening Remarks: Yoshiharu Iwabuchi		
8:40	L2 Rachid BENHIDA (University of Côte D’Azur) Drug Lead Discovery Based on Specific Oriented Design https://icn.univ-cotedazur.eu/research-teams/molecular-diversity-metabolomics-synthesis/synthesis-and-development-of-new-bioactive-molecules		Chair: Shigeki Sasaki
9:30	S1 Kenji NAKAHARA (Shionogi) Discovery of Ensitrelvir, a Drug for the Treatment of COVID-19 that targets 3CL protease		
10:00	Coffee Break		
10:30	L3 Andrey KLYMCHENKO (University of Strasbourg) Chemistry in the lipid nanostructures for fluorescence biosensing and bioimaging http://klymchenko-lab.u-strasbg.fr/Home.html		Chair: Laurent Micouin
11:20	S2 Masao YOSHIDA (Daiichi-Sankyo) DXd ADC technology, antibody-drug conjugates with DNA topoisomerase I inhibitor		
11:50	Lunch		

13:30	L4 Hidetoshi TOKUYAMA (Tohoku University) Total Syntheses of Structurally Complex Alkaloids featuring Late-Stage Oxidative Transformations http://www.pharm.tohoku.ac.jp/~seizou/index-e.html		Chair: Kiyoshi Tomioka
14:20	S3 Camille OGER (University of Montpellier) Total Synthesis: Unraveling Nature's Chemistry for Biomedical Innovation https://camilleoger-chemblog.jimdo.com/		
14:50	Coffee Break		
15:20	L5 Yoshiaki NAKAO (Kyoto University) Catalytic Denitrative Transformations http://www.npc05.kuic.kyoto-u.ac.jp/npc05/?lang=en		Chair: Frédéric Leroux
16:10	S4 Fabien RODIER (EUROAPI) Process chemistry, sustainability, flow chemistry		
16:40	Short Break		
16:50	Poster Session with Oral Presentation 16:50–18:10 Short Oral Presentation (2 min./presenter) 18:10–20:00 Poster Presentation (18:10–19:05: Odd number, 19:05–20:00: Even number)		
20:00	Refreshment in the Sendai Downtown		
Tuesday, May 20, 2025			
8:30	L6 Shino MANABE (Hoshi University) From Glycochemistry to Armed Antibody https://www.hoshi.ac.jp/laboratory/gousei/		Chair: Arnaud Voituriez
9:20	S5 Erica BENEDETTI (University of Paris City) Small-Molecule 3D Ligands for RNA recognition https://lcbpt.biomedicale.parisdescartes.fr/erica-benedetti/		
9:50	Coffee Break		

10:20	S6 Mikimasa TANADA (Chugai) Drug Discovery on Orally Bioavailable Mid-Sized Cyclic Peptides Targeting Intracellular Proteins		Chair: Yuki Tachibana
10:50	S7 Guillaume BERTHON (Syngenta) Digital Chemical Synthesis at Syngenta Crop Protection		
11:20	S8 Shinya YUUKI (ELIX) AI Drug Discovery at Elix: Molecular Design with Generative Models and Recent Case Studies		
11:50	Lunch		
13:30	L7 Morgan DONNARD (University of Strasbourg) Selective Functionalization of Alkynes for Direct Access to Original Heterocycles https://coha.unistra.fr/morgan_donnard/		Chair: Takenori Tomohiro
14:20	S9 Raphaël BELTRAN (Sanofi) Innovation as a key driver for more sustainable and controlled processes for API manufacturing		
15:00	Move to Matsushima		
16:00	Matsushima, in Miyagi Prefecture, is known for its stunning bay with 260 pine-covered islands. Visitors can enjoy scenic cruises, explore Zuiganji Temple, and savor fresh oysters. The landscape changes beautifully with the seasons, making it a must-visit destination in Japan. https://www.japan-guide.com/e/e5100.html		
19:00	Banquet at Seiryuso https://restaurant.novarese.jp/srs/?_ga=2.138385264.1774239700.1746424782-915419789.1745807588		

Wednesday, May 21, 2025			
8:30	L8 Akio OJIDA (Kyushu University) New Chemical Reactions for Covalent Targeting Proteins in Living Cells https://bunseki.phar.kyushu-u.ac.jp/index-e.html		Chair: Xavier Franck
9:20	S10 Matthieu JEANTY (NOVALIX) Photocatalyzed Synthesis of Novel Scaffolds & Leveraging Technology for Medicinal Chemistry		
9:50 Coffee Break			
10:20	L9 Samir MESSAOUDI (Ecole Polytechnique) Catalytic approaches to functionalize biomolecules (carbohydrates, peptides and proteins) https://www.biocis.universite-paris-saclay.fr/?-MESSAOUDI-Samir-		Chair: Kousei Shimada
11:10	S11 Tatsuki KOIKE (Takeda) Development of Specific Positron Emission Tomography (PET) Tracers for Central Nervous System Drug Targets		
11:40 Closing			
12:30 Departure to Post-Symposium Tour			