Smart Condensates and Droplets Symposium 2024
Poster Presentations

Poster No.	First Name	Last Name	Affiliation	Title
1	Alain	André	Aarhus University	Engineering bio-inspired repeat proteins as potential enzymatic reaction crucibles
2	Alex	Brown	Durham University	Biomolecular Condensates form Membrane Contact Sites via Capillary Bridges
3	Juliette	Bucci	University of Cambridge	Enzyme-Responsive DNA Condensates
4	Logan	De Monchaux-irons	Eth Zurich	Identifying the control properties of concentration buffering by phase separation
5	Nada	Farag	University of Cambridge	Spatial Organization of Enzyme Pathways and Protein Confinement in RNA Condensates
6	Raphael	Guido	ETH Zürich	Theory of liquid-like droplet aggregation kinetics
7	Naoto	Hori	University of Nottingham	Coarse-grained simulations of large RNA complex structures.
8	Tommaso	Inzani	University of Milan	Liquid-liquid phase transitions in RNA-peptide mixtures: a balance of competing entropies
9	Basak	Kayitmazer	Bogazici University	Rheology and Thermodynamics of Condensates from Ionic Polysaccharides
10	Gaurav	Kumar	University of York	Linker mediated phase separation of rubisco in algal pyrenoids: a tale of stickers and spacers
11	Alvaro	Lanza	King's College London	Estimating dissipation from single-molecule statistics across phase boundaries
12	Robert	Malinowski		Contactless Deposition of Materials from Vapor-sensing, Motile Droplets
13	Layla	Malouf	University of Cambridge	Sculpting DNA-based synthetic cells through phase separation and phase-targeted activity
14	Tomoya	Maruyama	Tokyo Institute Of Technology	Timing-controlled dynamics of DNA droplet-based artificial cell
15	Ananya	Mishra	University of Bristol	Programmable Protocells: Integrating Biochemical Cues into Boolean Responses
16	Akthar Hussain	Mougamadou Soultane	University of Cambridge	Expressing membrane-less RNA organelles in lipid-based synthetic cells
17	Karina	Nakashima	University of Strasbourg	Minimal coacervates of oligonucleotides and peptides are compatible with prebiotically relevant compositions and functions
18	Chris	Ng		Exploring how client protein recruitment alters the dynamic properties of biomolecular condensates
19	Christina	Robb	Strathclyde University	Navigating the Conformational Landscape of UBQLN2 Condensates with Ion Mobility Mass Spectrometry
20	Daniela	Sorrentino	University of California	Protein recruitment to dynamic DNA-RNA host condensates
21	Alisdair	Stevenson	Eth Zurich	Synchronisation of chemical reaction in condensates
22	Diana	Tanase	University of Cambridge	Engineering phase coexistence in synthetic DNA condensates
23	Andres	Tejedor Reyes		New Mpipi model parameterization to describe asymmetrical modulation of associative and repulsive electrostatic interactions in biomolecular condensates
24	William	Verstraeten		From Synthetic Cell Division to Osmolarity Sensing
25	Madelief	Verwiel	Eindhoven University of Technology	Creating complex meso-scale structures in synthetic condensates
26	Yuchao	Wang	The University of Hong Kong	Genetically Encoded Formation of Hollow Condensates
27	Samuel	Whitby	Imperial College	Modelling how the kinetics of biomolecular complex self-assembly are improved by by temporal variation in bulk physical properties, with relevance to ribosome synthesis in the nucleolus
28	Thomas	Williamson	Durham University	Quantifying the mechanical properties of stress granules in live cells
29	Nicolas	Zeitouni	Imperial College London	DNA-based, MicroRNA-sensing Artificial Cells for Prostate Cancer Diagnosis