

PREDICTIVE SYSTEMS MEDICINE PARTNERING EVENT

Event Program

 MDC.C – Max Delbrück Communications Center, Robert-Rössle-Straße 10, 13125 Berlin

 4 December 2025

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| 10:30 | Doors open |
| 11:00 | Welcome & Max Delbrück Center Presentation <i>Maike Sander – Scientific Director, Max Delbrück Center</i> |
| 11:20 | Innovation & Entrepreneurship Introduction <i>Nevine Shalaby – Department Head, Max Delbrück Center</i> |
| 11:30–12:30 | Ecosystem Insights <ul style="list-style-type: none">• Einstein Center for Early Disease Interception <i>Nikolaus Rajewsky, Scientific Director BIMSB</i>• Berlin Center for Gene and Cell Therapies <i>Tobias Helmstorf, Project Lead Bayer</i>• IBB Ventures New Pre-Seed Fund B# <i>Ulrike Kalapis, Senior Investment Manager</i>• Introduction to High-Tech Gründerfonds <i>Christian Kannemeier, Senior Investment Manager</i>• CLIC's offer for biotech startups <i>Andreas Hüser, Advisory Board Member, BIH Clinical Incubator (CLIC)</i>• CellCoLab's lab-as-a-service and incubation-as-a-service <i>Gregor Kindelmann, Founder & CEO CellCoLab</i>• Berlin Partner, Health Capital Cluster & funding opportunities for industry/academia collaborations <i>Christine Mißler, Manager Life Sciences & Technologies</i> |
| 12:30–13:30 | Networking Lunch |
| 13:30–14:30 | Science & Industry Pitches – Part 1 AI in Systems Medicine <ul style="list-style-type: none">• Egemen Agi (Max Delbrück Center) – Helmholtz HPC Gateway Initiative: High-Performance Computing at MDC• Maria Brachs (Treamid Therapeutics) – Small-Molecule Drugs for Fibrosis, Leveraging HPC Gateway Initiative• Alexander Blume (Max Delbrück Center) – Rolv: An AI-Powered Research Assistant for Life Sciences• Vedran Franke (Max Delbrück Center) – Arcas: Modular Therapeutics for Oncology• Florian Hauer (MyImmune) – AI for the Immune System: Biomarker Discovery and Therapy Selection• Ganesh Thorbole (HTW Berlin) – DetoxAI: Predicting Drug Toxicity in Seconds |

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| | <ul style="list-style-type: none"> • Matthias König (HU Berlin) – <i>Digital Twins of Human Drug Metabolism</i> <p>Advanced Disease Models for Drug Development</p> <ul style="list-style-type: none"> • Agnieszka Rybak-Wolf (Max Delbrück Center) – <i>Ageing Brain Model</i> • Ines Lahmann (Max Delbrück Center) – <i>NMJCare: Human iPSC-based Model for Neuromuscular Drug Discovery</i> • Ganakshi Gehlot (TissUse) – <i>Drug Discovery Without Relying On Animals</i> <p>Spatial Single-Cell Omics</p> <ul style="list-style-type: none"> • Dubravka Vucicevic (Max Delbrück Center) – <i>TESLA-seq: Targeted Single-Cell CRISPR Activation Sequencing</i> • Hangxi Fu (Max Delbrück Center) – <i>High-Resolution Spatial Sequencing for Host–Microbe Profiling</i> • Ismahen Ammar (Illumina) – <i>Sequencing & Multi-Omics Solutions</i> • Nicole Lehmann (PacBio) – <i>High-Accuracy Long-Read Sequencing</i> • Martin Forbes (Max Delbrück Center) – <i>OMICPREP: Multi-Omics Pipeline</i> • Jacqueline Wendering (CheckImmune) – <i>Single-Cell and Spatial Insights in Clinical Studies</i> |
| 14:30–15:30 | Matchmaking Session |
| 15:30–16:30 | <p>Science & Industry Pitches – Part 2</p> <p>Innovative Therapies</p> <ul style="list-style-type: none"> • Michael Bader (Max Delbrück Center) – <i>Small Molecules for COVID-19 Prevention</i> • Edgar Specker (FMP / Trypto Therapeutics) – <i>TPH Inhibitor Platform Against Serotonin-Related Disease</i> • Gary Lewin (Max Delbrück Center) – <i>Allothera: Novel Treatments for Neuropathic Pain</i> <p>Precision Diagnostics</p> <ul style="list-style-type: none"> • Clara Vázquez García (Max Delbrück Center) – <i>Imprint: the Diagnostic Test that Gets Ahead of Your Health Risks</i> • Muamer Hodzic (Alamar Biosciences) – <i>NULISA: Precision Proteomics for the Earliest Detection of Diseases</i> • Ella Kadas (Nocturne GmbH) – <i>AI Retinal Biomarkers</i> • Kosar Shahsavar (Potsdam Graduate School) – <i>Point-of-Care Multi-Analyte Biosensors</i> • Stefan Mehrle (Medicover) – <i>Integrated Genetic Testing for Clinical Laboratories</i> <p>Bioengineering & Cell/Gene Therapies</p> <ul style="list-style-type: none"> • Anthea Wirges (CARTemis Therapeutics / MDC) – <i>Next-generation CAR T-cells</i> • Nicole Nussbaum (Captain T-Cell) – <i>Next-Generation TCR-T Therapies</i> • Michael Fichtner (Max Delbrück Center) – <i>Synthetic DNA for Personalized Therapies</i> • Markus Landthaler (Max Delbrück Center) – <i>CHOboost: Enhanced Recombinant Protein Production</i> <p>Other</p> <ul style="list-style-type: none"> • Angelina Lesnikova (sci2sci) – <i>Truth-Grounded AI for Life Sciences</i> |
| 16:30–17:30 | Matchmaking Session |
| 17:30–18:30 | Evening Reception |