

SYMPOSIUM SCHEDULE:

10:00 - 11:00: Pawel Swietcach (Oxford Professor)

Title: *"Challenging old paradigms with innovative methods: are there still unanswered questions about oxygen transport by red blood cells?"*

Topic: Blood transfusion

11:00 - 12:00: Freddie Dudbridge (Constructive.Bio)

Title: *"Rewriting the code of life - reprogrammed microbes to make materials from drugs to biodegradable plastics"*

Topic: Synthetic Biology

12:00 - 13:00: Matthew Jones (Etcembly)

Title: *"Everything is better in a droplet - Harnessing the power of microfluidics"*

Topic: Organ on a chip

13:00 - 14:00: LUNCH BREAK

14:00 - 15:00: Kei Kishimoto (Selecta Biosciences)

Title: *"Preclinical and clinical development of tolerogenic ImmTOR nanoparticles to induce antigen-specific regulatory T-cells"*

Topic: Lipid nanoparticles

15:00 - 16:00: Cesare Cejas (Micro FluidX)

Title: *"Conceptualising innovations to confront current challenges in cell and gene therapy"*

Topic: Manufacturing Cell Therapies

16:00 - 17:00: Peter Fedichev (Gero.AI)

Title: *"Doubling human lifespan: eradicating age-related diseases. Harness AI, Physics and vast medical and omics data"*

Topic: AI & Ageing

17:00 - 18:00: Malavika Nair (IBME Oxford)

Title: *[to be determined]*

Topic: Biomaterials