UK-Japan Symposium on Immunology 2025 Department of Life Sciences, Imperial College London

Integrating Biological Sciences and AI for Next-Generation Immunotherapy

Date: 22 July 2025

Keynote Lecture and Invited Talks

Prof Taku Okazaki (University of Tokyo): Understanding and Manipulating Immune Checkpoints in Cancer and Autoimmunity **Dr II-mi Okazaki** (University of Tokyo): LAG-3: A Key Immune Checkpoint Molecule for CD4 T Cells in Autoimmunity and Cancer

Prof Lucy Walker (UCL): Immune Regulation of Type 1 Diabetes **Prof David Sansom** (UCL): Control of CTLA-4 Function by Monomers, Dimers, and Heterodimers

Prof Yorifumi Satou (Kumamoto University): Discovery of a Viral Silencer Element Controlling HTLV-1 Latency via RUNX Complex Recruitment

Dr Masahiro Ono (Imperial College London): Integrating Machine Learning Approaches and Immunology

Early Career Speakers from Life Sciences (Imperial), Kumamoto University, and The Institute of Cancer Research (ICR)

Venue: Flowers Building South Kensington Imperial College London

Contact: Dr Masahiro Ono (m.ono@imperial.ac.uk)

Supported by the Japan Society for the Promotion of Science (JSPS), and the Institute of Cancer Research/Imperial College Centres for Convergence Science and Immunotherapy of Cancer