

The time schedule shown below is **PST /Pacific Standard Time (US West)**

Thursday, 17 November 2022

Opening Remarks

16:30-16:40 **Mitunori Saitou** (ASHBi Director, Kyoto University)

Plenary Session

16:40-17:30 **Human Immunology**

Hideki Ueno (Kyoto University)

17:30-17:40 Q & A

17:40-17:50 Break

Session A Immunology and Data

17:50-18:30 **Quantitative biology for T cell biology: From Development to Repertoire**

Tetsuya J. Kobayashi (The University of Tokyo)

18:30-18:40 Q & A

18:40-19:20 **A new reconstruction of Waddington's landscape via optimal transport theory**

Toshiaki Yachimura (Kyoto University)

19:20-19:30 Q & A

19:30-21:00 Lunch Break

Session B Immunology and Model

21:00-21:40 **Mathematical modeling of immune evasion in colon cancer**

Hiroshi Haeno (Tokyo University of Science)

21:40-21:50 Q & A

21:50-22:30 **Multidisciplinary approach to reveal autoimmune skin diseases by eruption shapes**

S. Seirin-Lee (Kyoto University)

22:30-22:40 Q & A

22:40-23:00 Break

Session C Ethics and Mathematical Science

23:00-23:40 **Ethics in Mathematics**

Tsutomu Sawai (Hiroshima University)

23:40-24:00 Q & A / discussion