

TMDU-Humboldt University Symposium on Disease Systems Biology

14:00-18:00, September 9, 2024
Conference Room, 2nd F, 22nd Building
Surugadai Campus, TMDU

Program

14:00-14:05

Opening: Satoru Miyano (Director of M&D Data Science Center, TMDU)

14:05-14:45

Edda Klipp (Theoretical Biophysics, Humboldt-Universität zu Berlin)
Signaling in Time and Space

14:45-15:25

Rune Linding (Theoretical Biophysics, Humboldt-Universität zu Berlin)
Systematic Discovery of Mechanistic Cell Signaling Networks in Cancers with Theory Informed Machine Learning

Break 15:25-15:55

15:55-16:35

Heewon Park (Sungshin Women's University & TMDU M&D Data Science Center)
Computational Network Biology Analysis for COVID-19 Severity Marker Identification

16:35-17:15

Hideyuki Shimizu (M&D Data Science Center, TMDU)
Toward Systematic Discovery of Therapeutic Molecules for Nnmet Medical Needs

17:15-17:55

Takanori Hasegawa (M&D Data Science Center, TMDU)
Computational Approaches to Neoepitope Selection and Immunogenicity Prediction

17:55-18:00

Closing: Kunihiro Takahashi (Vice Director of M&D Data Science Center, TMDU)

