

Startup Symposium: T-LSI Bioinformatics and Biomolecular Engineering

The symposium was held at Room 205, Laboratory of Advanced Research A in University of Tsukuba on October 3, 2019. More than 40 people participated the symposium and engaged in a lively discussion the research topics. Prof. Ichikawa, University of Tsukuba, briefly explained two courses, Bioinformatics and Biomolecular Engineering, which will join our degree program in 2020 and will recruit new students at the next winter entrance examination. Prof. Walde, ETH Zürich, who will have a class in Biomolecular Engineering course, gave a lecture on sophisticated chemical and enzymatic reactions in aqueous system. Prof. Tan, Universiti Putra Malaysia, talked about nanoemulsion supported protein-based nanofibril. Prof. Nikaido, RIKEN Center for Biosystems Dynamics Research, who is appointed a faculty member of Bioinformatics course, gave a talk about cutting-edge bioinformatics studies on single cell analysis. Finally, Prof. Sakurai, University of Tsukuba, closed the symposium, explaining aims to start new courses.

Program:

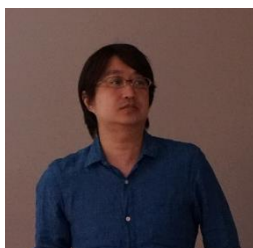
13:00 Opening: **Prof. Sosaku ICHIKAWA** (University of Tsukuba)



13:05 **Prof. Peter WALDE** (Department of Materials, ETH Zürich)
“Soft, dispersed interface-rich aqueous systems for promoting and guiding chemical and enzymatic reactions”



13:40 **Prof. TAN** (Universiti Putra Malaysia)
“Nanoemulsion Modulated by Nanofibril Network and Emulsifiers: Development and Characterization”



14:15 **Prof. NIKAIDO** (RIKEN Center for Biosystems Dynamics Research)
“Bioinformatics for Single-cell Omics”



14:50 Closing: **Prof. Tetsuya SAKURAI** (University of Tsukuba)