

理研 BDR-IPR ジョイントシンポ

IPR-BDR Battle Royale 2025 Artificial + "X"



伏尾温泉不死王閣（池田市）

2026年1月12日（月・祝）～13日（火）

Schedule

Day1

Long talk (25 mins) 13:00~14:30

Short talk (10mins) 15:30~17:30

Night Session with Posters 19:30~23:00

Day2

Long talk 9:00~11:30



企画担当：白水美香子（理研）、高木淳一（蛋白研）

Time Table - Day1

Genji Kurisu & Junichi Takagi

Opening remark & announcements



Session 1: Long Talk

Atsushi Yamagata(BDR)

Structural and Functional studies of Synaptic vesicle glycoprotein 2A and AI-based binder design

Taki Nishimura (IPR)

Developing Artificial Lipid-Binding Probes Using the CLiB Assay and Beyond

Reiya Taniguchi(BDR)

In situ cryo-ET analysis of macromolecular complexes: NPC as an example

Paola Laurino (IPR/OIST)

Minimal Perturbation of Activation Loop Dynamics artificially Rewires Kinase Signaling



Session 2: Short Talk

Makito Miyazaki (BDR), Satoshi Toda (IPR),
Ai Niitsu (BDR), Hiroko Takazaki (IPR),
Shunsuke Imai (BDR), Sandhya Tiwari (IPR),
Shunsuke Tagami (BDR), Akira Shinohara (IPR)



Session 3: Night Session with Posters

Time Table - Day2

Session 4: Long Talk

Makoto Taiji (BDR)

AGIS: AI for Science Project in RIKEN

Atsuko Yamashita (IPR)

Back to the Cambrian - toward understanding the structure and function of taste receptors

Yoshihiro Shimizu (BDR)

Synthetic biological ribosome reconstitution reveals its assembly mechanisms

Teruki Honma (BDR)

Development of an AI Platform for Drug Discovery and Its Applications

Nobuyasu Koga (IPR)

Toward design of functional proteins:
Ready-made vs. Tailor-made.

 **Closing remark,
Farewell and departure**

