

FY2020 The 23rd Interdisciplinary Exchange Evening / 2020 23

Thursday, February 4, 2021 - Thursday, February 4, 2021

Online

Scientific Program

Opening Remark □□□□□□□

Masafumi Jo, Chairman of RIKEN Scientists' Assembly Steering Committee (RSASC)
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Talk Session □□□□□□□□□□□□□□□□

Kenta Itahashi (CPR, Meson Science Laboratory)
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Chikashi Terao (IMS, Laboratory for Statistical and Translational Genetics)
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Zhaomin Hou (CSRS, Organometallic Chemistry Laboratory)
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Tetsuo Hanaguri (CEMS, Emergent Phenomena Measurement Research Team)
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Hideo Yokota (RAP, Image Processing Research Team)
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Poster Presentations □□□□□□□□

Lin Gu (AIP)
Artificial Intelligence for Real World Challenge

Eriko Matsuura (CPR, RNA system biochemistry)
METTL18-mediated histidine methylation on ribosome protein modulates translation

Masashi Mori (BDR, Laboratory of chromosome segregation)
Toward molecular understanding of age-related aneuploidy in eggs

Hiro Nakamura (BDR, Lab for Protein Functional and Structural Biology)
Heme toxicity and its detoxification by an ABC-type efflux pump in Gram-positive bacteria

Morihiro Okada (BDR, Laboratory for Homeodynamics)

A role of metabolic reprogramming of non-cancer tissues in cancer-induced organismal death

Kenward Vong (CPR, Biofunctional Synthetic Chemistry Lab)

Selective cell tagging (SeCT) therapy: Disrupting cancer cell adhesion via integrin inhibition

Zheng Wang (IMS, Lab. Bone & Joint Diseases)

A phenotyping-based disease gene discovery in Congenital Scoliosis

Yingying Xu (AIP, Mathematical Statistical team)

Finite size scaling property of random matrix and application to ultra high-dimensional graph learning

Hao Zhang (BDR, Laboratory for Computational Molecular Design)

Implementing a Comprehensive Networks-on-Chip Generator with Optimal Configurations

M. Ajmal Khan (CPR, Quantum Optodevice Laboratory)

Pure AlGaIn UVB LEDs Achieving 9.6% Efficiency at 304nm Emission by Exceeding the limit of hole injection and Reflectivity

Poster Q&A Sessions □ □ □ □ □ □ □ **and The CPR Band session**