

Grant-in-Aid for Transformative Research Areas (B) The Kick-off Symposium for Dimensional Response Genome

2020

Dec. 3. Fri

9:00am ~ 12:00am JST

**Online
lecture**

Free to Participate

"Grant-in-Aid for Transformative Research Areas (B)" organized by Japan Society for the Promotion of Science (JSPS) aims to create research areas that will lead to radical transformation and change in the existing framework and/or direction of scientific research in Japan through more challenging and exploratory project.

A research project of "Dimensional Response Genome", in which project leader is Dr. Hisae Tateishi - Karimata, Konan University, started from 2021. This project focuses on non-canonical structures of nucleic acids, which show different physicochemical properties in each biological species, and aims to clarify the similarities and differences in mechanisms of gene expression modulation based on the nucleic acid structures.

The kick-off symposium for "Dimensional Response Genome" will be jointly organized by the program and FIBER, Konan University. Project members and leading scientists in the related research field will have presentation including latest results and perspective of this research area.

We welcome your participation to "FIBER Future College99 FIBER Webinar Universe in Nucleic Acid Chemistry". Please visit and apply via following website.

<http://konan-fiber.jp/archives/3017>

Once your registration has been accepted, we will send you an e-mail within two working days.

Application Deadline: Dec. 2. 1:00pm JST



Contact information

Project office for "Dimensional Response Genome"
TEL 078-303-1147 MAIL dir-gb_fiber@ml.konan-u.ac.jp

Organized by
Grant-in-Aid for Transformative Research Areas (B) / Project office for "Dimensional Response Genome"

Jointly organized by
Konan University, The Frontier Institute for Biomolecular Engineering Research (FIBER)
Japan Society of Nucleic Acids Chemistry(JSNAC)
Chemistry for Multimolecular Crowding Biosystem(CMCB)





Time Schedule

Program

9:00 - 9:30 Project Leader / Group Leader (A02 group)

Associate Professor
Konan University,
The Frontier Institute for Biomolecular Engineering Research
(FIBER)

Dr. **Hisae Tateishi - Karimata**



9:30 - 9:50 Group Leader (A01 group)

Associate Professor
Konan University,
The Frontier Institute for Biomolecular Engineering Research
(FIBER)

Dr. **Tamaki Endoh**



9:50 - 10:10 Group Leader (A03 group)

Associate Professor
Kyoto University,
Institute for Chemical Research (ICR)

Dr. **Miki Imanishi**



10:10 - 10:20 Break

10:20 - 11:00 Special Lecture from Leading Scientist

Distinguished Professor
Purdue University, Medicinal Chemistry and Molecular
Pharmacology - Analytical and Biochemistry

Dr. **Danzhou Yang**

DNA G-quadruplex and Cancer



11:00 - 11:40 Special Lecture from Leading Scientist

Professor,
Nanyang Technological University,
School of Physical & Mathematical Sciences,

Dr. **Anh Tuan PHAN**

G-quadruplex structure and interaction



11:40 - 12:00 Closing Remarks