

BDR Symposium 2019

Control and Design of Biosystems



March 25-27, 2019

RIKEN Center for Biosystems Dynamics Research (BDR)
Kobe, Japan

Co-host: Grant-in-Aid for Scientific Research on Innovative Areas "Ensuring integrity in gametogenesis"

The RIKEN Center for Biosystems Dynamics Research (BDR) was launched on April 1, 2018, as a new RIKEN center to succeed the Center for Developmental Biology, Center for Life Science Technologies, and Quantitative Biology Center.

Speakers

Kazuyuki Aihara
The University of Tokyo, Japan

Simon Alberti
Max Planck Institute of Molecular Cell Biology and Genetics, Germany

Dino Di Carlo
University of California, Los Angeles, USA

Urs Frey
MaxWell Biosystems AG, Switzerland

Jianping Fu
University of Michigan, Ann Arbor, USA

Anne Grapin-Botton
DanStem, University of Copenhagen, Denmark

Katsuhiko Hayashi
Graduate School of Medical Sciences, Kyushu University, Japan

Mary Herbert
Newcastle University, UK

Norikazu Ichihashi
Osaka University, Japan

Heinrich Jasper
Genentech, Inc., USA

Tomoya Kitajima
RIKEN BDR, Japan

J. Nathan Kutz
University of Washington, USA

Fredrik Lanner
Karolinska Institutet, Sweden

Yoshihiro Morishita
RIKEN BDR, Japan

Alain Nogaret
University of Bath, UK

Dahai Ren
Tsinghua University, China

Nicolas Rivron
Hubrecht Institute, MERLN Institute, the Netherlands

Yo Suzuki
J. Craig Venter Institute, USA

Shunsuke Tagami
RIKEN BDR, Japan

Minoru Takasato
RIKEN BDR, Japan

Yo Tanaka
RIKEN BDR, Japan

T-Y. Dora Tang
Max Planck Institute of Molecular Cell Biology and Genetics, Germany

Yan Xu
Osaka Prefecture University, Japan

Jun Yoshino
Washington University School of Medicine, USA

Topics

- Making artificial embryos and organs
- Engineering approaches toward making artificial cells
- Artificial control of the life cycle
- Theoretical analysis for identifying/controlling biosystems
- Cutting-edge technology for artificial control of biosystem

Organizers

Tomoya Kitajima (RIKEN BDR)
Yoshihiro Morishita (RIKEN BDR)
Shunsuke Tagami (RIKEN BDR)
Minoru Takasato (RIKEN BDR)
Yo Tanaka (RIKEN BDR)

A limited number of travel fellowships will be available to younger scientists from abroad.

Registration Deadline:
Friday, December 14, 2018



Contact

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