

2020 RIKEN BDR-CuSTOM Joint Symposium Virtual Integrated **organoid** science: Stem cells, Engineering, Medicine November 4-6, 2020

RIKEN Center for Biosystems Dynamics Research (BDR)

Co-Host: Center for Stem Cell & Organoid Medicine (CuSTOM),
Cincinnati Children's Hospital Medical Center

Co-Sponsorship: Foundation for
Biomedical Research and Innovation at Kobe

*This symposium is to replace the one cancelled in March
this year and will be held online using a web conferencing system.

Topics

- (1) The principles of self-organization
- (2) Modeling development and disease
- (3) Engineering approaches
- (4) New technologies
- (5) Brain organoids

Keynote Speakers

Jürgen Knoblich (Institute of Molecular Biotechnology, Austria)

Masayo Takahashi (Vision Care Inc. / RIKEN BDR, Japan)

Speakers

Cantas Alev (ASHBi, Kyoto University, Japan)

Anne Beghin (National University of Singapore, Singapore)

Ali H. Brivanlou (The Rockefeller University, USA)

J. Gray Camp (Institute of Molecular and Clinical Ophthalmology Basel, Switzerland)

Mingxia Gu (CuSTOM, Cincinnati Children's Hospital Medical Center, USA)

Michael A. Helmrath (CuSTOM, Cincinnati Children's Hospital Medical Center, USA)

Akitsu Hotta (CIRA, Kyoto University, Japan)

Ryoichiro Kageyama (Kyoto University, Japan)

Roger D. Kamm (Massachusetts Institute of Technology, USA)

Cody Kime (RIKEN BDR, Japan)

Matthias Lutolf (École polytechnique fédérale de Lausanne, Switzerland)

Mitsuru Morimoto (RIKEN BDR, Japan)

Toshiro Sato (Keio University, Japan)

Mitunori Saitou (Kyoto University, Japan)

James Sharpe (EMBL Barcelona, Spain)

Hans-Willem Snoeck (Columbia University, USA)

Minoru Takasato (RIKEN BDR, Japan)

Takanori Takebe (CuSTOM, Cincinnati Children's Hospital Medical Center, USA /
Yokohama City University, Japan / Tokyo Medical and Dental University, Japan)

Makoto Takeo (RIKEN BDR, Japan)

Jason Tchieu (CuSTOM, Cincinnati Children's Hospital Medical Center, USA)

Flora Vaccarino (Yale University School of Medicine, USA)

James M. Wells (CuSTOM, Cincinnati Children's Hospital Medical Center, USA)

Aaron M. Zorn (CuSTOM, Cincinnati Children's Hospital Medical Center, USA)

Registration Deadline:
Friday, October 23, 2020

Registration will close when the capacity
is reached.

- › Number of participants:
Limited to 450
- › Registration Fee: Free
- › [https://www2.bdr.riken.jp/
joint-organoid/2020/](https://www2.bdr.riken.jp/joint-organoid/2020/)



Organizers

Mitsuru Morimoto, Minoru Takasato, Takashi Tsuji
(RIKEN BDR, Japan)

Takanori Takebe, James M. Wells, Aaron M. Zorn
(CuSTOM, Cincinnati Children's Hospital Medical Center, USA)

Contact

RIKEN Center for Biosystems Dynamics Research
2-2-3, Minatojima-minamimachi, Chuo-ku,
Kobe, 650-0047, Japan
E-mail: bdrcustom2020@ml.riken.jp



This symposium is a part of the RIKEN Symposium Series.