

# RIKEN Europe symposium 2024

## Science and technologies, platforms and collaboration for researching human physiology and diseases: “Enabling Organoids”

Place : Square Brussels “The ARC”

Coudenberg 3, 1000 Bruxelles, Belgium (dedicated entrance to the venue)

Date : Wednesday, 14 February 2024

Time : 9:00 – 12:30 + networking lunch

Registration: <https://krs4.riken.jp/m?f=43>

Participation is free of charge, with mandatory registration until 13 February

### Backgrounds:

As Japan’s leading comprehensive scientific research institute, RIKEN pursues scientific research in a wide range of research fields and develops/operates research infrastructure. RIKEN is currently reforming its research systems to make internal platforms more connected in an organic manner, with the goal of achieving more integrated and transdisciplinary sciences.

At this RIKEN Europe symposium, we highlight RIKEN’s systems, taking organoids as a concrete example. Among other things, we will discuss RIKEN’s approach to and strengths in research, existing and potential collaborations, significance and opportunities of international cooperation, and the facilitation of brain circulation.

**RIKEN Europe Symposium 2024**  
Science & Technologies, Platforms & Collaboration for Researching Human Physiology and Diseases:  
[ENABLING ORGANOIDS]

**SQUARE BRUSSELS**  
Mont des Arts, 1000 Brussels, Belgium  
2024.02.14 | 9:00-12:30  
Registration: <https://krs4.riken.jp/m?f=43>

The poster includes a QR code, a gear icon, and several images of organoids and laboratory equipment. The RIKEN logo is at the bottom left.

**Programme:**

MC: Dr. ICHIOKA Toshiyasu, Director, RIKEN Europe Office

<b>Time</b>	<b>Agenda/title</b>	<b>Speakers</b>
8:30-9:00	Registration and coffee/tea	
<b>Opening</b>		
9:00-9:20	Opening remarks	Dr. NAKA Makiko, Executive Director, RIKEN HE AIKAWA Kazutoshi, Ambassador Extraordinary and Plenipotentiary, Mission of Japan to the European Union
<b>Keynote addresses</b>		
9:20-9:40	RIKEN Center for Biosystems Dynamics Research: A home of "Organoid"	Dr. MORIMOTO Mitsuru, RIKEN Center for Biosystems Dynamics Research (BDR), RIKEN
9:40-10:00	Generation of functional organoid	Dr. Nan MA, Freie Universität Berlin
10:00-10:40	Group photo and break	
<b>Gaining a better understanding of humans</b>		
10:40-10:50	Enabling Kidney and Bladder Organoids	Dr. TAKASATO Minoru, RIKEN Center for Biosystems Dynamics Research (BDR), RIKEN
10:50-11:00	Human liver organoids: about preclinical and clinical applications	Prof. Jean-Charles DUCLOS-VALLÉE, Director, Inserm Unit UMR-1193 "Physiopathogenesis and Treatment of Liver Diseases", INSERM, coordinator of the University Hospital Federation Hepatinov (AP-HP)
11:00-11:10	Taking apart childhood cancer cell by cell and bit by bit	Dr. Florian HALBRITTER, Principal Investigator, St. Anna Children's Cancer Research Institute (CCRI)
<b>Contributing to curing diseases</b>		
11:10-11:25	Intestinal epithelial organoid (enteroid) in the study of gut pathophysiology	Dr. OHNO Hiroshi, Deputy Director, RIKEN Center for Integrative Medical Sciences (IMS), RIKEN

11:25-11:35	Introduction of RIKEN's TRIP initiative	Dr. KOIZUMI Tomonobu, Portfolio Manager, RIKEN Program for Drug Discovery and Medical Technology Platforms (DMP), RIKEN
11:35-11:45	Glial engineering: biomaterials, nanotechnologies and 3D models to unveil the role of astrocytes in brain function and dysfunction	Dr. Valentina BENFENATI, Senior Researcher, The Institute for Organic Synthesis and Photoreactivity (ISOF), CNR
<b>Microengineering for organoids and activities toward standardisation</b>		
11:45-11:55	Micro-nano Platform for Creating Biomicroenvironments	Dr. TANAKA Nobuyuki, RIKEN Scientist, RIKEN Center for Biosystems Dynamics Research (BDR), RIKEN
11:55-12:05	Organoid and nanotechnology	Dr. Dries BRAEKEN, R&D Manager, imec
12:05-12:15	Developing standards for emerging technologies in biomedical sciences	Dr. Milena MENNECOZZI, Scientific Project Officer, Joint Research Centre (JRC)
<b>Closing</b>		
12:15-12:30	Concluding remarks	Mr. Jens WILKINSON, Manager, International Affairs Division, RIKEN

<b>Networking lunch</b>		
12:30 - 13:30	Networking lunch	The venue will be closed at 14:00.