

# The 8<sup>th</sup> RIKEN Life Science Retreat Program

## Day 1, Feb. 6, 2020

**12:00-13:00**                      **Registration and Poster Setup**

**13:00-13:10**                      **Opening Remarks**

Kam Zhang & Aki Minoda

Chairperson: Aki Minoda

**13:10-14:00**                      **Guest speaker's presentation**

Sadao Ota (The University of Tokyo)

Networked biophotonics

Chairperson: Yoshihiro Yoshihara

**14:00-15:30**                      **Session I Oral presentation**

Kazuyo Moro (IMS)

Study of type 2 innate lymphoid cells (ILC2) and their role in allergies and other type 2 immune diseases

Motomasa Tanaka (CBS)

Understanding prion biology in yeast

Takuhiko Ito (BDR)

How do we obtain three-dimensional structures of functional “complexes”?

**15:30-16:00**                      **Coffee Break**

Chairperson: Ichiro Hiratani

**16:00-16:50**                      **Special Lecture**

Masatoshi Takeichi (BDR)

Self-assembly of animal cells for tissue organization

**17:00-18:00**                      **Poster Short Talks**

**18:00-19:00**                      **Poster Session (Odd Numbers)**

**19:00-19:30**                      **Check in**

**19:30-21:00**                      **Photo shooting**  
**Dinner**

**21:00-23:30**                      **Social Gathering**

## **Day 2, Feb. 7, 2020**

7:00-9:00                    **Morning Buffet Breakfast**  
-9:00                        **Check out**

9:00-10:00                **Poster Session (Even Numbers)**

10:00-10:10              **Removal of posters**

Chairperson: **Shintaro Iwasaki**

10:10-11:50              **Session II Young Investigator's Talks**

Yukinobu Arata (CPR)

Large-scale Lifespan-Long Life-Log": Video recordings of behaviors of 1,000

*C. elegans* individuals

Aurélien Courtois (BDR)

Live-imaging of the opossum embryo development: Establishing a new  
powerful model organism for developmental biology

Viviane M. Saito (CBS)

Morphometry-driven optimization of mixed cerebellar cultures for long-term  
study

Morihiro Okada (CPR)

No Food, No Death: A role of insulin signaling in cancer-induced organismal  
death

Hazuki Takahashi (IMS)

Long non-coding RNA SINEUPs enhance mRNA translation with  
heterogenous nuclear ribonucleo proteins in the cytoplasm

11:50-12:00              **Move to Buffet Terrace**

12:00-13:00              **Lunch [Roundtable discussions]**

Chairperson: **Sa Kan Yoo**

13:00-14:30              **Session III Oral presentation**

Asuka Takeishi (CPR/CBS/Hakubi)

Neural circuit that mediates starvation-dependent thermotaxis plasticity in *C. elegans*

Yuichi Taniguchi (BDR)

Nucleosome-level 3D organization of the genome

Jay Shin (IMS)

Building the Single Cell Atlas towards Human Biology

14:30-14:40              **Closing Remarks**

Kam Zhang & Aki Minoda