

The 5th Monash University – Osaka University Joint Symposium on Advanced Biomedical Sciences

2023

October 25

9:30 - 16:00 Osaka

11:30 - 18:00 Melbourne

ONLINE + ONSITE

Venue:

Multimedia Hall, Center of Medical Innovation and Translational Research
Osaka University Graduate School of Medicine

Registration:



<https://forms.office.com/r/cTZVRk9LaJ>

accelerate Communication to accelerate Science

Topics:

- Special lecture
- Keynote lecture
- Current & potential collaborations

For more info, email to
jointsympo@office.osaka-u.ac.jp

Commemorating one year of
Global Knowledge Partnership



OSAKA UNIVERSITY

Program

The times displayed in blue and in brackets indicate Melbourne time

9:30 – 9:50 (11:30 – 11:50) Opening Remarks and Greetings

Takao Onoye, Executive Vice President of Research, International Affairs (Research), OU (online)

Opening remarks

Rebekah Brown, Deputy Vice-Chancellor (Research) and Senior Vice-President, MU (online)

Greetings

9:50 – 11:00 (11:50 – 13:00) Keynote Lectures Chair: Atsushi Kumanogoh, Peter Currie

Katsuhiko Hayashi, GSM, OU (online)

Germ cell development: understanding and reconstitution

Jennifer Zenker, Australian Regenerative Medicine Institute, MU

Harnessing the regenerative potential of pluripotent cells by unravelling their inner build-up in the living embryo and hiPSCs

11:00 – 11:50 (13:00 – 13:50) Special Lecture Chair: Yasufumi Kaneda

Katsuto Tamai M.D., Ph.D., Guest Professor, GSM, OU / Scientific Director, StemRIM Inc

Development of tissue regeneration-inducing medicine (TRIM): reactivation of tissue development by peptide drug

Lunch (40 mins) 11:50 – 12:30 (13:50 – 14:30)

12:30 – 14:00 (14:30 – 16:00) Current and potential collaborations (Session 1)

Chair: Akira Myoui, Mikaël Martino

Jessica Frith (MU) / Jodie Harrington and Ryuhei Hayashi (OU) (online)

Impact of surface microtopography on ocular cells

Mark Shackleton Fumihito Noguchi (MU) / Manabu Fujimoto (OU)

Description of novel intermediate melanocyte progenitor subpopulations

Mikaël Martino (MU) / Shizuo Akira (OU)

Sensory neurons promotes tissue healing by modulating neutrophils and macrophages

Kazuhiro Suzuki, iFRc, OU

Targeting the COMMD3/8 complex in autoimmunity

Victor Cadarso, Mechanical and Aerospace Engineering, MU (online)

Micro- and nanotopographies for biological applications

Masateru Taniguchi, Institute of Scientific and Industrial Research, OU

AI-nanopore platform for testing rapid infectious diseases

Break (15 mins) 14:00 – 14:15 (16:00 – 16:15)

14:15 – 15:45 (16:15 – 17:45) Current and potential collaborations (Session 2)

Chair: Eiichi Morii

Nir Eynon, Australian Regenerative Medicine Institute, MU (online)

Leveraging large data to uncover healthy ageing molecules in humans

Takufumi Yanagisawa

Decoding and visualization of imagery contents using intracranial EEG

Ben Chen, Victorian Heart Institute, MU (online)

Exploring Insights into Myocardial Infarction and Unstable Atherosclerosis through Integrated Multiomics Approaches: A Novel Biotechnology-Driven Strategy for Drug Mechanisms and Disease Prevention

Kenji Miki / Shigeru Miyagawa, OU

Generation of human iPSC-derived mature cardiomyocytes and its applications

Renee Chow, Australian Regenerative Medicine Institute, MU (online)

Cardiac forces regulate zebrafish heart valve delamination by modulating Nfat signaling

Ryo Kawasaki, OU

Living Longer, Living Better: Formulating a Unified Strategy to Leap the Lifespan-Healthspan Gap

15:45 – 16:00 (17:45 – 18:00) Wrap-up & Closing remarks

Atsushi Kumanogoh, Peter Currie (online)

