

OIST-Osaka University Joint Symposium
A Recipe for Scientific Synergy Series 4
-Advancing Biotechnology through Multidisciplinary Approaches-

PROGRAM

OPENING

9:15 (5) Opening remark by Dr. Atsushi Kumanogo

9:20 (5) Introduction of OIST by Dr. Nick Luscombe

ICE BREAKER

9:25 (55) Explanation of "Meet n' greet"
Start "Meet n' greet"

Chair:
Nick
Luscombe

10:20 (5) Break

TALK SESSION

10:25 (30)+ (5) Katsumasa Fujita Professor, Osaka University Raman microscopy: a new imaging modality for biology and medicine

11:00 (10)+ (5) Yuriko Yamazaki Assistant Professor, Osaka University The evolution of Methicillin-resistant Staphylococcus aureus—how bacteria adapt to the environment and gain antibiotic resistance in a hospital

11:15 (30)+ (5) Izumi Fukunaga Associate Professor, OIST Flexible sensory processing in the brain

Chair: Franz
Meitinger

OSK1

Y1

OIST1

11:50 (60) Lunch

TALK SESSION

12:50 (10)+ (5) Daisuke Yoshioka Assistant Professor, Osaka University Live imaging analysis of spatial dynamics of voltage-gated potassium channels in neurons

13:05 (30)+ (5) Tadashi Yamamoto Professor, OIST Physiology of gene expression regulation by CCR4-NOT deadenylase complex

13:40 (10)+ (5) Lea Picard Postdoctoral Scholar, OIST Evolutionary insights into the impact of viral infections on the metabolism of mRNAs by the CCR4-NOT complex and associated proteins

13:55 (30)+ (5) Yukinori Okada Professor, Osaka University Statistical genetics, disease biology, personalized medicine, and drug discovery

14:30 (10)+ (5) Midori Ota Science and Technology Associate, OIST Mechanism of centrosome assembly and disassembly in development

Chair:
Takeharu
Nagai

Y2

OIST2

Y3

OSK2

Y4

14:45 (15) Break

TALK SESSION

15:00 (30)+ (5) Takeharu Nagai Professor, Osaka University Trans-scale-scope "AMATERAS" enabling high-throughput exploring rare cellular activity in more than one million cells

15:35 (10)+ (5) Masatoshi Haga PhD Student, Osaka University Data-driven mathematical modeling of human skin aging

15:50 (30)+ (5) Paola Laurino Associate Professor, OIST Membraneless active droplets mimic features of living systems

Chair:
Katsuhiko
Hayashi

OSK3

Y5

OIST3

16:25 (10) Break

16:35 (10)+ (5) Dan Kozome PhD Student, OIST Beyond the active site: The addition of a remote loop reveals a new complex biological function for chitinase enzymes

16:50 (30)+ (5) Franz Meitinger Assistant Professor, OIST Control of cell proliferation by memories of mitosis

17:25 (30)+ (5) Katsuhiko Hayashi Professor, Osaka University Germ cell development: understanding and reconstitution

Chair:
Paola
Laurino

Y6

OIST4

OSK4

CLOSING

18:00 (5) Closing remarks by Dr. Manabu Fujimoto