

1st International Symposium on Inflammation Cellular Sociology



Date: Nov. 26–27, 2019 Location: Sanjo Conference Hall
The university of Tokyo

Program

Nov. 26 [Tue]

13:00–13:20 Opening Remark Kouji Matsushima (Tokyo University of Science)

Workshop 1 Chairperson: Yoichiro Iwakura (Tokyo University of Science)

13:20–13:40 **Molecular preventive medicine in kidney diseases with single-cell transcriptome analysis**

Yasunori Iwata (Kanazawa University)

13:40–14:00 **Single-cell transcriptome profiling of pancreatic islet cells in type 2 diabetes model db/db mice**

Takashi Matsuzaka (University of Tsukuba)

14:00–14:20 **Screening for SASP inhibitors toward cancer prevention**

Yosuke Iizumi (Kyoto Prefectural University of Medicine)

14:20–14:30 Coffee Break

Workshop 2 Chairperson: Seiichiro Ohsako (University of Tokyo)

14:30–14:50 **RNF213 vasculopathy: Its clinical implication and mechanistic insights into arterial stenosis**

Akio Koizumi (Public Interest Incorporation Associations Kyoto Hokenkai)

14:50–15:10 **Inflammation-associated changes in cell-type composition in different tissues**

Hidemi Watanabe (Hokkaido University)

15:10–15:30 **Single-cell transcriptome and imaging analyses of mouse inflammatory responses**

Hideo Matsuda (Osaka University)

15:30–16:30 Poster Session

Keynote lecture & Symposium 1

Chairperson: Kouji Matsushima (Tokyo University of Science)

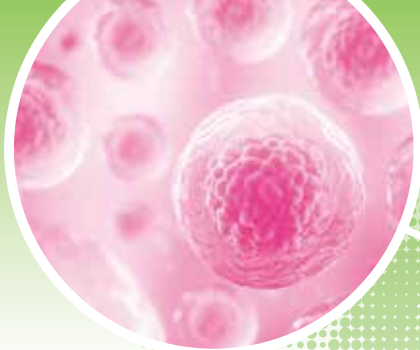
16:30–17:00 **Machine learning-driven Imaging flow cytometry**

Sadao Ohta (University of Tokyo)

17:00–18:00 **Heterogeneity of collagen-producing lung cells in health and disease**

Dean Sheppard (University of California, San Francisco, USA)

18:15– Banquet (Kadoya, Sanjo Conference Hall B1)



Nov. 27 [Wed]

Symposium 2 Chairperson: Takashi Wada (Kanazawa University)

- 09:30–09:55 | **A cellular society of inflammation for pulmonary fibrosis**
Shigeyuki Shichino (Tokyo University of Science)
- 09:55–10:20 | **Single-cell transcriptome analysis of mouse NASH model**
Masao Honda (Kanazawa University)
- 10:20–10:45 | **Single-cell gene expression analysis in tumor microenvironment**
Shinichi Hashimoto (Kanazawa University)

10:45–10:55 | Coffee Break

Symposium 3 Chairperson: Shinichi Hashimoto (Kanazawa University)

- 10:55–11:40 | **Re-wiring of immune microenvironment in colorectal cancer**
Woong-Yang Park (Samsung Medical Center, Korea)
- 11:40–12:25 | **Tumor evolution: through the looking glass of single cells**
DasGupta Ramanuj (Genome Institute of Singapore, A*STAR, Singapore)

12:25–13:25 | Lunch

Symposium 4 Chairperson: Hitoshi Shimano (University of Tsukuba)

- 13:25–14:10 | **Traversing the wall: signaling across the basement membrane in lung repair and regeneration**
Tien Peng (University of California, San Francisco, USA)
- 14:10–14:40 | **Role of cellular senescence in aging and age-related disorders**
Yoshikazu Johmura (University of Tokyo)

14:40–14:50 | Coffee Break

Symposium 5 Chairperson: Kazuho Ikeo (National Institute of Genetics)

- 14:50–15:20 | **Quantitative analysis of immune response using Omics and imaging**
Mariko Okada (Osaka University)
- 15:20–15:50 | **Cell type and marker gene prediction for single-cell transcriptome analysis**
Kazuho Ikeo (National Institute of Genetics)
- 15:50–16:20 | **AI and informatics methods for analysis of cell types and states**
Wataru Fujibuchi (Kyoto University)

16:20–16:30 | Closing Remark | Kouji Matsushima (Tokyo University of Science)

<http://inflammationcellularsociology.org/>