

Program - The 29th Japanese Society for Pigment Cell Research

Nov 22, (Fri)

17:00 – 18:30 Board Meeting

Nov 23, (Sat)

9:30 – 9:35 Opening Remarks

9:35 – 10:15 Award Lecture #1

AL#1-1 "Molecular mechanisms of growth inhibition by phorbol ester TPA"
Tetsushi Iwasaki (Kobe University)

AL#1-2 "mTOR signaling in melanocytes and its implications for pigmentary disorders"
Lingli Yang (Osaka City University)

10:15 – 10:55 General Presentation #1

GP#1-1 "Alteration in hair eumelanin and pheomelanin in patients with Mowat-Wilson syndrome"
Mayuko Yamamoto (Kochi Medical School)

GP#1-2 "Eumelanin levels in rufous feathers explain plasma testosterone levels and survival in swallows"
Emi Hasegawa (Kanazawa City Elementary School)

GP#1-3 "Hair organoid model for drug screening"
Tatsuto Kageyama (KISTEC)

11:00 – 12:00 Symposium #1

【Theme : melanin/tyrosinase】

SY#1-1 "Advances in recent melanin study"
Kazumasa Wakamatsu (Fujita Health University School of Medical Sciences)

SY#1-2 "Effects of aging on hair color, melanosome morphology,
and melanin composition in Japanese females"
Takashi Itou (Kao Corporation)

SY#1-3 "Proteolysis of tyrosinase in melanocytes"
Hideaki Fujita (Nagasaki International University)

SY#1-4 "Roles of metal ions in melanin biosynthesis"
Taiho Kambe (Kyoto University)

12:10 – 13:10 Luncheon Seminar #1

LS#1 "Senescent fibroblasts drive aging pigmentation"
Hee Young Kang (Ajou University School of Medicine)

13:20 – 13:50 Council Meeting

14:00 – 14:40 Sponsored Seminar #1

- SS#1 "Biphasic roles of extracellular ATP on melanocytes:
its implication in UV-mediated melanogenesis and melanocyte death in vitiligo"
Sang Ho Oh (Yonsei University College of Medicine)

14:40 – 15:05 General Presentation #2

- GP#2-1 "Using p53 activation as a therapeutic strategy for melanoma"
Chung-Hsing Chang (Tzu Chi University)
- GP#2-2 "The density of human epidermal melanocytes and melanoblasts
in the rete ridges is more numerous than in the inter-rete ridges"
Tomohisa Hirobe (Shinjuku Skin Clinic)

15:05 – 15:40 Company Exhibition (Coffee Break)

15:40 – 16:25 Symposium #2

[Theme: melanosome]

- SY#2-1 "Structure-function analysis of the BLOC-3 subunit Hps4 in melanogenesis"
Mitsunori Fukuda (Tohoku University)
- SY#2-2 "Melanosome transfer and dynamics of plasma membrane of melanocytes
during skin pigmentation in chicken embryonic skin"
Ryosuke Tadokoro (Okayama University of Science)
- SY#2-3 "Essential role of epidermal melanosome homeostasis in determining skin color "
Daiki Murase (Kao Corporation)

16:30 – 17:20 General Presentation #3

- GP#3-1 "Janus kinase inhibitor tofacitinib does not facilitate the repigmentation
in mouse model of rhododenol-induced leukoderma"
Masahiro Hayashi (Yamagata University)
- GP#3-2 "The analysis of OCA6 Japanese patient's mutation using model mice"
Toru Saito (Yamagata University)
- GP#3-3 "Fas-FasL interaction in cytotoxic T cell-mediated vitiligo:
The role of lesional expression of tumor necrosis factor- α and interferon- γ in Fas-mediated
melanocyte apoptosis"
Haruki Jimbo (Kobe University)
- GP#3-4 "The report and examination of a case of palmar vitiligo"
Takakazu Shibata (Shibata Clinic of Dermatology)

17:40 – 19:10 Social Gathering

- Shakuhachi Performance (18:30 – 18:50)
IPCC2020 promotion (Tamio Suzuki)

19:30 – 20:30 Korakuen (Fantasy Garden) Admiration

Nov 24, (Sun)

8:30 – 9:00 General Meeting

9:05 – 9:45 Award Lecture #2

AL#2-1 **Incentive Award 2019**

"Molecular mechanisms of melanosome biogenesis by membrane trafficking system"
Norihiko Ohbayashi (University of Tsukuba)

AL#2-2 **Masako Mizoguchi Award 2019**

"The new field of innate immunity exploring in human pigmentation process"
Saaya Koike (Shiseido Global Innovation Center)

9:50 – 11:50 Symposium #3

[Theme: melanoma]

SY#3-1 "Melanocytes and melanoma neoantigens"

Katsuhiko Tsukamoto (Yamanashi Prefectural Central Hospital)

SY#3-2 "New WHO classification of melanocytic neoplasms"

Toshihiro Takai (Hyogo Cancer Center)

SY#3-3 "Important issues in melanoma treatment and research to solve them"

Takashi Inozume (University of Yamanashi)

SY#3-4 "Immunotherapy in malignant melanoma"

Hisashi Uhara (Sapporo Medical University)

12:00 – 13:00 Luncheon Seminar #2

LS#2-1 "Delicious skin dullness? -Skin yellowish discoloration and protein oxidation-"

Tetsuji Hirao (Mukogawa Women's University)

LS#2-2 "Stem cell niche to control the differentiation"

Ken-ichi Mizutani (Kobe Gakuin University)

13:10 – 13:50 Sponsored Seminar #2

SS#2 "Roles of Notch signaling in skin"

Mariko Moriyama (Kindai University)

13:55 – 14:45 General Presentation #4

GP#4-1 "Niche-derived KITL is essential for self-renewal of melanocyte stem cells under genotoxic stress"

Yasuaki Mohri (Tokyo Medical and Dental University)

- GP#4-2 "Hair cycle-dependent vascular remodeling constructs microenvironments to regulate pigment cells and/or hair follicle cells"
Sae Asayama (Kobe Gakuin University)
- GP#4-3 "Evaluation of kojic acid whitening agent using human iPS cell-derived melanocytes"
Dong Yupeng (Tohoku Medical and Pharmaceutical University)
- GP#4-4 "Adhesion of melanocytes is fragile to glucose depletion of culture medium"
Ayumi Hiramatsu (Okayama University of Science)

14:50 – 15:35 Symposium #4

【Theme: skin whitening cosmetics】

- SY#4-1 "Inhibitory effects of PCE–DP on pigmentation: A novel brightening active ingredient"
Chihiro Nakahara (POLA Chemical Industries, Inc.)
- SY#4-2 "Melanocyte activation mechanisms and rational therapeutic treatment in solar lentigo"
Genji Imokawa (Utsunomiya University)
- SY#4-3 "Skin lightening functional cosmetics: learn from the past and create a future"
Hideya Ando (Okayama University of Science)

15:40 - 15:45 <Best Presentation Award>

15:45 – 15:50 Closing remarks

16:00~ Courtesy bus (Plaza Hotel → JR Okayama station)