

International Symposium on Cutaneous Lymphoma

Date **13 May 2023**

Time **16:05-19:05 (JPN)**

Location **Takao Room (42nd Floor) at the Keio Plaza Hotel Tokyo**

~Organizers~

- ◇ Makoto Sugaya, MD, PhD (Chair) (Department of Dermatology, International University of Health and Welfare, Japan)
- ◇ Kazuyasu Fujii, MD, PhD (Department of Dermatology, Kagoshima University Graduate School of Medical and Dental Science, Japan)
- ◇ Taku Fujimura, MD, PhD (Department of Dermatology, Tohoku University Graduate School of Medicine, Japan)
- ◇ Hideki Fujita, MD, PhD (Department of Dermatology, Nihon University School of Medicine, Japan)
- ◇ Toshihisa Hamada, MD, PhD (Department of Dermatology, International University of Health and Welfare, Japan)
- ◇ Tomomitsu Miyagaki, MD, PhD (Department of Dermatology, St Marianna University School of Medicine, Japan)
- ◇ Takatoshi Shimauchi, MD, PhD (Department of Dermatology, Hamamatsu University School of Medicine, Hamamatsu, Japan)
- ◇ Rei Watanabe, MD, PhD (Department of Dermatology, Osaka University Graduate School of Medicine, Japan)

~Invited chair~

- ◇ Samuel T Hwang, MD, PhD (Professor and Chair, Department of Dermatology, University of California, Davis, US)

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- 16:05-16:10 : Opening remarks by Makoto Sugaya (Chair)
 - 16:10-17:10 : Session I (8 min for presentation and 2 min for discussion)
Chair: Samuel Hwang, Taku Fujimura
 - 17:20-17:50 : Sponsored Seminar
Minophagen Pharmaceutical Co., Ltd
 - 18:00-19:00 : Session II (8 min for presentation and 2 min for discussion)
Chair: Kazuyasu Fujii, Rei Watanabe
 - 19:00-19:05 : Closing remarks by Tomomitsu Miyagaki
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International Symposium on Cutaneous Lymphoma

Agenda

■ 16:05-16:10

Opening remarks by Makoto Sugaya (Chair)

■ 16:10-17:10

Session I (8 min for presentation and 2 min for discussion)

Chair: Samuel Hwang, Taku Fujimura

◇ 16:10-16:20

Modulation of the skin microbiome in cutaneous T-cell lymphoma delays tumor growth and increases survival in a murine model

○ Saptaswa Dev¹, Pablo Augusto Vieyra-Garcia¹, Aaroh Anand Joshi¹, Peter Wolf¹

¹Department of Dermatology, Medizinische Universität Graz, Graz, Steiermark, Austria

◇ 16:20-16:30

Immunosuppressive macrophage targeting as a therapeutic strategy for cutaneous T-cell lymphoma

○ Lauren Banner¹, Jonathan Xu¹, Emily Hunter¹, Tyler Gross¹, Sahithi Talasila¹, Carla Portocarrero¹, Neda Nikbakht¹

¹Dermatology and Cutaneous Biology, Thomas Jefferson University, Philadelphia, PA, United States

◇ 16:30-16:40

Hyperprogression of cutaneous T cell lymphoma after anti-PD-1 treatment

○ Yumei Gao¹, Yang Wang¹

¹Department of Dermatology and Venereology, Peking University First Hospital, Beijing, China

◇ 16:40-16:50

Treg depletion syndrome: Skin inflammation unleashed by ADCC depleting biologics

○ L Gray¹, C Larocca¹, J Merola¹, Thomas Kupper¹, J Teague¹, A Gehad¹, N Gerard¹, Q Zhan¹, Nicole LeBoeuf¹, R Clark¹

¹Brigham and Women's Hospital, Boston, MA, United States

International Symposium on Cutaneous Lymphoma

◇ 16:50-17:00

Ganglioside GD3 leads to the reduction of NK cells in the lesions of cutaneous T cell lymphoma

○Kei Sakano¹, Eiji Kiyohara¹, Miki Kume¹, Rei Watanabe¹, Manabu Fujimoto¹

¹Department of Dermatology, Graduate School of Medicine/Faculty of Medicine, Osaka University, Suita-shi, Osaka, Japan

◇ 17:00-17:10

γδ T-cells and NK cells-infusion therapy for adult T cell leukemia-lymphoma

○Maho Nakashima¹, Yoshimasa Tanaka², Yasushi Miyazaki³, Hiroyuki Murota¹

¹Dermatology of Dermatology, Nagasaki University Graduate School of Biomedical Science, Nagasaki, Japan

²Center for Medical Innovation, Nagasaki University, Nagasaki, Japan

³Department of Hematology, Nagasaki University Hospital, Nagasaki, Japan

17:10-17:20 Break (10 min)

◇ 17:20-17:50

Sponsored Seminar (30 min)

<Minophagen Pharmaceutical Co., Ltd>

Chair: Makoto Sugaya

Title: Oral bexarotene as one of current therapeutic options for patients with refractory CTCL in Japan

○Toshihisa Hamada

Department of Dermatology, International University of Health and Welfare Narita Hospital, Narita, Japan

17:50-18:00 Break (10 min)

International Symposium on Cutaneous Lymphoma

■ 18:00-19:00

Session II (8 min for presentation and 2 min for discussion)

Chair: Kazuyasu Fujii, Rei Watanabe

◇ 18:00-18:10

Single-cell analyses reveal novel molecular signatures and pathogenesis in cutaneous T cell lymphoma

○ Xiaotong Xue¹, Zhenzhen Wang¹, Zihao Mi¹, Tingting Liu¹, Chuan Wang¹, Peidian Shi¹, Lele Sun¹, Hong Liu¹, Furen Zhang¹

¹Shandong Provincial Hospital for Skin Diseases & Shandong Provincial Institute of Dermatology and Venereology, Shandong First Medical University & Shandong Academy of Medical Sciences, Jinan, China

◇ 18:10-18:20

Analysis of novel sezary syndrome genes in mycosis fungoides reveals genes common across stages and those associated with advanced stages

○ Jordan Pilkington¹, Delice Kayishunge¹, Sophia Ly¹, Henry Wong¹

¹Dermatology, University of Arkansas for Medical Sciences, Little Rock, AR, United States

◇ 18:20-18:30

High-throughput T cell receptor sequencing aids in the diagnosis of CTCL

○ Nana Ama Adjei-Frimpong¹, Neda Shahriari¹, Christopher Fay¹, Cecilia Larocca¹, Thomas Kupper¹

¹Harvard University, Cambridge, MA, United States

◇ 18:30-18:40

Diagnostic validity of t-cell receptor constant beta-chain 1 (trbc1) expression within cutaneous t-cell lymphoma

○ Olivia Pierog¹, Sima Rozati¹, Mariah Owosu-Agyei¹, David Weiner¹, Michael Borowitz²

¹Dermatology, Johns Hopkins University, Baltimore, MD, United States

²Hematologic Pathology, Johns Hopkins University, Baltimore, MD, United States

International Symposium on Cutaneous Lymphoma

◇ 18:40-18:50

SLFN11 is a possible biomarker of sensitivity to DNA-targeted regents in CD30-positive mycosis fungoides and Sezary syndrome

○ **Takatoshi Shimauchi**¹, Junko Murai², Manami Iwasaki¹, Pawit Phadungsaksawasdi¹, Kazuyasu Fujii³, Tetsuya Honda¹

¹Department of Dermatology, Hamamatsu University School of Medicine, Hamamatsu, Japan

²Institute for Advanced Biosciences, Keio University, Tsuruoka, Japan

³Department of Dermatology, Kagoshima University Graduate School of Medical and Dental Science, Kagoshima, Japan

◇ 18:50-19:00

Effects of MALT1 Inhibitors on cutaneous T-cell lymphoma cells

○ **Jeffrey Mayo**¹, Loka Reddy Velatooru¹, Xiaohong Wang¹, Madeleine Duvic¹, Xiao Ni¹

¹Dermatology, University of Texas MD Anderson Cancer Center, Houston, TX, United States

■ 19:00-19:05

Closing remarks by Tomomitsu Miyagaki