Program for Clinical Seminar

 $12:20 \sim 13:20$, Monday, December 10

C1 Clinical Seminar 1 Room B: 401+402+403

Chairperson: Kiyoshi Takeda (Laboratory of Immune Regulation, Department of Microbiology and Immunology, Graduate School of Medicine, WPI Immunology Frontier Research Center, Osaka University)

The role of IL-12/23 in the pathogenesis of inflammatory bowel disease

Scott E Plevy IBD Disease Area Stronghold Lead R&D, The Janssen Pharmaceutical Companies of Johnson & Johnson, Spring House, PA, USA

Janssen Pharmaceutical K.K.

12:20 ~ 13:20, Monday, December 10

C2 Clinical Seminar 2 Room C: 404+405+406

Chairperson: Yoshiya Tanaka (The First Department of Internal Medicine, University of Occupational and Environmental Health, Japan)

Cytokine control of Arthritis

Georg Schett University of Nürnberg-Erlangen, Germany

Pfizer Japan Inc.

12:20 ~ 13:20, Monday, December 10

C3 Clinical Seminar 3 Room D: 409+410

* This seminar will be presented in Japanese.

Chairperson: Atsushi Kawakami (Department of Immunology and Rheumatology, Division of Advanced Preventive Medical Sciences, Nagasaki University Graduate School of Biomedical Sciences)

JAK inhibitors as a novel therapy in rheumatoid arthritis

Akio Morinobu Rheumatology, Internal Medicine, Kobe University Graduate School of Medicine, Kobe, Japan

Eli Lilly Japan K.K.

 $12:20 \sim 13:20$, Monday, December 10

C4 Clinical Seminar 4 Room H: 503

* This seminar will be presented in Japanese.

Chairperson: Takayuki Sumida (Department of Internal Medicine, Faculty of Medicine, University of Tsukuba, Japan)

Positioning of tacrolimus in the treatment of lupus nephritis

Naoto Tamura Department of Internal Medicine and Rheumatology, Juntendo University School of Medicine, Bunkyoku, Japan

AYUMI Pharmaceutical Corporation

 $12:20 \sim 13:20$, Tuesday, December 11

C5 Clinical Seminar 5 Room B: 401+402+403

* This seminar will be presented in Japanese.

Chairperson: Takao Fujii (Department of Rheumatology and Clinical Immunology, Wakayama Medical University)

Basic research in immunology and its clinical applications, including our approach on immunometabolism, ANCA-associated vasculitis, and CAR-T therapy

Atsushi Kumanogoh Osaka University Graduate School of Medicine, Osaka, Japan

Bristol-Myers Squibb K.K. / ONO PHARMACEUTICAL CO., LTD.

 $12:20 \sim 13:20$, Tuesday, December 11

C6 Clinical Seminar 6 Room D: 409+410

* This seminar will be presented in Japanese.

Chairperson: Hiroaki Niiro (Department of Medical Education, Faculty of Medical Sciences, Kyushu University)

The possibility of induced pluripotent stem cells for investigation of autoimmune diseases

Hirofumi Shoda Department of Allergy and Rheumatology, Graduation School of Medicine, the University of Tokyo, Tokyo, Japan

GlaxoSmithKline K, K,

 $12:20 \sim 13:20$, Tuesday, December 11

C7 Clinical Seminar 7 Room H: 503

* This seminar will be presented in Japanese.

Chairperson: Keishi Fujio (The University of Tokyo)

Synovial phenotype and behavior of synoviocytes under TNFa and other inflammatory cytokines/growth factors

Shinsuke Yasuda Rheumatology, Endocrinology and Nephrology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Sapporo, Japan

Janssen Pharmaceutical K.K. / Mitsubishi Tanabe Pharma Corporation

 $11:50 \sim 12:50$, Wednesday, December 12

C8 Clinical Seminar 8 Room D: 409+410

* This seminar will be presented in Japanese.

Chairperson: Tatsuya Atsumi (Department of Rheumatology, Endocrinology and Nephrology, Faculty of Medicine, Hokkaido University)

Contribution of Type I interferon signal to autoimmune and autoinflammatory disease

Keishi Fujio Department of Allergy and Rheumatology, University of Tokyo, Tokyo, Japan

Sanofi K.K.

 $11:50 \sim 12:50$, Wednesday, December 12

C9 Clinical Seminar 9 Room E: 411+412

Chairperson: Kazuhiko Yamamoto (RIKEN)

Defining the architecture of rheumatoid arthritis at the single cell level

Soumya Raychaudhuri Brigham and Women's Hospital, Boston, MA

AbbVie GK, Eisai Co., Ltd.

 $11:50 \sim 12:50$, Wednesday, December 12

C10 Clinical Seminar 10 Room G: 502

* This seminar will be presented in Japanese.

Chairperson: Kunihiro Yamaoka (Department of Rheumatology and Infectious Diseases, Kitasato University School of Medicine)

Osteoimmunology and RANKL inhibition

Hiroshi Takayanagi Department of Immunology, Graduate School of Medicine and Faculty of Medicine The University of Tokyo, Tokyo, Japan

DAIICHI SANKYO COMPANY, LIMITED

 $11:50 \sim 12:50$, Wednesday, December 12

C11 Clinical Seminar 11 Room H: 503

Chairperson: Tsutomu Takeuchi (Keio University School of Medicine)

Bedside to bench: what have immune therapies taught us about autoimmunity-The importance of Interleukin-6 signaling inhibition in autoimmune diseases-

lain McInnes Professor of Experimental Medicine, Director of Research Institute (Immunology), University of Glasgow, Glasgow, UK

CHUGAI PHARMACEUTICAL CO., LTD.