## **JCR International School 2023**

Venue | Asama International Conference Hall,

Karuizawa Prince Hotel West, Karuizawa, Japan

Dates | July 27 - 29, 2023



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## **Day 1** Thursday, July 27, 2023

13:00 ~ 15:00 Educational Lecture

**Talk: 8 Tips for Better Academic Presentations** 

Workshop: Academic Q & A Strategies Workshop

Lecturer: E. H. Jego

Nihon University School of Medicine, Medical Education Center, Tokyo, Japan

15:30 ~ 15:45 Opening Ceremony

Opening Remarks: Kunihiro Yamaokaa

Chairperson of the Committee on International Affairs

Department of Rheumatology and Infectious Diseases, Kitasato University School of

Medicine, Kanagawa, Japan

15:45 ~ 16:45 Keynote Lecture

Co-sponsored by UCB Japan Co., Ltd.

# The role of targeted therapy in reducing glucocorticoid use in patients with rheumatoid arthritis: what we see in the KOBIO registry

Lecturer: Kichul Shin

Division of Rheumatology, Seoul National University College of Medicine, Seoul, Korea

Chair: Hideto Kameda

Chair, JCR International School Committee

Division of Rheumatology, Department of Internal Medicine, School of Medicine, Toho University,

Tokyo, Japan

#### 17:00 ~ 18:30 Session 1: Clinical research in rheumatic diseases Part 1

Tutor: Mitsumasa Kishimoto

Department of Nephrology and Rheumatology, Kyorin University School of Medicine, Tokyo, Japan

1-1: Presentations and outcomes of idiopathic inflammatory myopathies in Hong Kong

Iris Tang

Division of Rheumatology and Clinical Immunology, Department of Medicine, School of Clinical Medicine, LKS Faculty of Medicine, The University of Hong Kong

1-2: Efficacy and safety of adalimumab with reduced versus maximum tolerated methotrexate dose in patients with rheumatoid arthritis: results from MIRACLE study

Hiroya Tamai

Division of Rheumatology, Department of Internal Medicine, Keio University School of Medicine, Tokyo, Japan

1-3: Comprehensive evaluation of the influence of sex differences on composite disease activity indices for rheumatoid arthritis: results from a nationwide observational cohort study

Takahiro Nishino

Laboratory for Human Immunogenetics, RIKEN Center for Integrative Medical Sciences, Yokohama, Japan

#### 18:45 ~ 19:45 Session 2: Axial Spondyloarthritis

Tutor: Kei Ikeda

Department of Rheumatology, Dokkyo Medical University, Tochigi, Japan

2-1: Asynchronous telemedicine-based assessment and implementation of a student-led clinic for patients with suspected axial spondyloarthritis: results from a pilot study

Johannes Knitza

Department of Medicine 3, University Hospital Erlangen (UKER), Germany

2-2: A Relook at Recent Evidence from India on Economical Management Strategies in Axial Spondyloarthritis - Relevant to South Asian Region

#### Arvind Ganapati

Department of Rheumatology and Clinical Immunology, All India Institute of Medical Sciences, Mangalagiri, Guntur, Andhra Pradesh, India

#### 20:00 ~ 22:00 Welcome Party

Place: "KURUMI", Karuizawa Prince Hotel West

## Day 2 Friday, July 28, 2023

 $09:00 \sim 10:30$  Session 3: Translational Applications of Model Mice in Clinical Practice

Tutor: Satoshi Kubo

Department of Molecular Targeted Therapies (DMTT), School of Medicine, University of Occupational and Environmental Health, Japan, Kitakyushu, Japan

3-1: Repression of Id3 aggravates lupus phenotypes in murine models via aberrant B cell differentiation

Youngjae Park

Division of Rheumatology, Department of Internal Medicine, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea

3-2: Anti-inflammatory effects of novel NF-kB inhibitory compounds identified by high-throughput screening in two inflammatory animal models

Hiroyuki Baba

Department of Rheumatology, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University (TMDU), Tokyo, Japan

3-3: Investigation for fluctuation and pathogenicity of citrullinated ITIH4 in autoimmune arthritis

Avako Ohvama

Division of Rheumatology, Institute of Medicine, University of Tsukuba, Tsukuba, Japan

#### 10:45 ~ 12:15 Session 4: Osteoarthritis

Tutor: Kosuke Ebina

Department of Musculoskeletal Regenerative Medicine, Osaka University Graduate School of Medicine,

Osaka, Japan

Chair: Hideto Kameda

Division of Rheumatology, Department of Internal Medicine, School of Medicine, Toho University, Tokyo,

Japan

4-1: Chondroprotection by AMPK-mediated metabolic changes

Junya Hasegawa

Department of Orthopedic Surgery, Nagoya University, Nagoya, Japan

4-2: Dipeptidyl-peptidase 4 as a senescent biomarker for knee osteoarthritis

Yu-Hsiu Chen

Division of Rheumatology, Immunology and Allergy, Department of Medicine, Tri-Service General Hospital; National Defense Medical Center, Taipei, Taiwan

4-3: Evaluation of Compensatory Function of the Subtalar Joint for Varus Type Knee Osteoarthritis using Long-leg Weight-bearing AP Radiographs

Yusuke Ozaki

Orthopaedic Surgery Department, Nara Medical University, Nara, Japan

12:45 ~ 13:45 Luncheon Keynote Lecture

Co-sponsored by ONO PHARMACEUTICAL CO., LTD and Bristol-Myers Squibb

#### Imaging-based early diagnosis and optimal treatment of rheumatoid arthritis

Lecturer: Kei Ikeda

Department of Rheumatology, Dokkyo Medical University, Tochigi, Japan

Chair: Kunihiro Yamaoka

Department of Rheumatology and Infectious Diseases, Kitasato University School of Medicine,

Kanagawa, Japan

#### 14:15 ~ 15:15 Session 5: Clinical research in rheumatic diseases Part 2

Tutor: Michihito Kono

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

5-1: Effect of intravenous cyclophosphamide in patients with acute exacerbation of rheumatoid arthritis-related interstitial lung disease

Kaito Nakamura

Department of General Internal Medicine, Teine Keijinkai Hospital, Sapporo, Japan

5-2: Description and analysis of a novel subtype of the anti-synthetase syndrome characterized by frequent attacks of fever and systemic inflammation

Shuhui Sun

Department of Rheumatology, Renji Hospital, Shanghai Jiaotong University School of Medicine, Shanghai, China

#### 16:00 ~ 17:30 Session 6: Translational research in clinical immunology

Tutor: Haruka Tsuchiya

Department of Allergy and Rheumatology, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan

6-1: Seasonal influence on development of anti-neutrophil cytoplasmic antibody-associated vasculitis: a retrospective cohort study conducted at multiple institutions in Japan (J-CANVAS)

Yusuke Yoshida

Department of Clinical Immunology and Rheumatology, Hiroshima University Hospital, Hiroshima, Japan

6-2: Immunogenicity and safety of adjuvanted recombinant zoster vaccine in patients with rheumatoid arthritis treated with disease-modifying anti-rheumatic drugs

Shotaro Kojima

Department of Allergy and Clinical Immunology, Graduate School of Medicine, Chiba University, Chiba, Japan

6-3: Development of Anti-modified Protein Antibody Responses is Driven by Repetitive Exposure to Different Post-translational Modifications

Jacqueline Dekkers

Department of Rheumatology, Leiden University Medical Center, the Netherlands

18:00 ~ 19:00 Evening Keynote Lecture

Co-sponsored by AbbVie GK

#### Etiological significance of autoantibodies in rheumatoid arthritis

Lecturer: Isao Matsumoto

Division of Rheumatology, Institute of Medicine, University of Tsukuba, Tsukuba, Japan

Chair: Yoshiya Tanaka

JCR President

The First Department of Internal Medicine, School of Medicine, University of Occupational and

Environmental Health, Japan, Kitakyushu, Japan

19:30 ~ 21:30 Cocktail Party (Free Time)

Place: "KURUMI", Karuizawa Prince Hotel West

## Day 3 Saturday, July 29, 2023

 $08:30 \sim 10:00$  Session 7: SLE: from bedside to bench

Tutor: Ran Nakashima

Department of Rheumatology and Clinical Immunology, Graduate School of Medicine, Kyoto University, Kyoto, Japan

Chair: Hideto Kameda

Division of Rheumatology, Department of Internal Medicine, School of Medicine, Toho University, Tokyo, Japan

7-1: Association of Hydroxychloroquine with the Incidence of Infectious Disease in Systemic Lupus Erythematosus: Data from the LUNA Registry

Chiharu Hidekawa

Department of Stem Cell and Immune Regulation, Yokohama City University Graduate School of Medicine, Yokohama, Japan

7-2: Fine-tuning of T cell subsets by Janus kinase inhibitors in systemic lupus erythematosus (SLE)

Yurie Satoh-Kanda

The First Department of Internal Medicine, School of Medicine, University of Occupational and Environmental Health, Japan, Kitakyushu, Japan

7-3: Systemic Lupus Erythematosus in Indigenous Australians: Identifying Unique Pathogenic Pathways that are Amenable to Treatment

Laura E Eades

Monash University Faculty of Medicine, Nursing & Health Sciences, Melbourne, Australia

### 10:15 ~ 11:45 Session 8: Novel pathophysiology and intervention in rheumatic diseases

Tutor: Shinsuke Yasuda

Department of Rheumatology, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Tokyo, Japan

8-1: Establishment of systemic sclerosis associated pulmonary arterial hypertension specific endothelial cells through iPSCs and their functional and molecular analyses

Yuki Kudo

Department of Rheumatology, Endocrinology and Nephrology, Graduate School of Medicine, Hokkaido University, Sapporo, Japan

8-2: The Ragulator complex activates the NLRP3 inflammasome through interactions with HDAC6 in acute gout arthritis

Kohei Tsujimoto

Respiratory Medicine and Clinical Immunology, Osaka University, Osaka, Japan

8-3: Treatment of Active Idiopathic Inflammatory Myopathies by Low-Dose Interleukin-2: A Prospective Cohort Pilot Study

Yuhui Li

Department of Rheumatology and Immunology, Peking University People's Hospital, Beijing, China

11:45 ~ Closing Ceremony