

JCR International School 2025

Venue	Asama International Conference Hall, Karuizawa Prince Hotel West, Karuizawa, Japan
Dates	July 17 - 19, 2025

Day 1 Thursday, July 17, 2025

13:00 ~ 15:00 Educational Lecture

Lecture title: **Mastering the Podium: 8 Tips for Engaging Academic Presentations**

Workshop title: **Mastering the Academic Q&A: Strategies for Success**

Lecturer: E. H. Jegó

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

15:35 ~ 15:45 Opening Ceremony

15:45 ~ 16:45 Keynote Lecture

*online lecture

Co-sponsored by UCB Japan Co., Ltd.

Can molecular dissection of immune diseases inform clinical decisions?

Speaker: Iain B. McInnes

College of Medical, Veterinary & Life Sciences (MVLS), University of Glasgow, Glasgow, UK

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 insights on B cells and autoantibodies in autoimmune diseases"

Tutor: Ran Nakashima

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

1-1: Clinical Significance of Anti-SMN Antibodies in Patients with Rheumatic Musculoskeletal Diseases

Yuki Imai

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

1-2: Comprehensive autoantibody profiling highlights clinical relevance of autoantibodies to G protein-coupled receptors in systemic sclerosis: insights from a B-cell depletion clinical trial

Kazuki Matsuda

Department of Dermatology, The University of Tokyo Hospital, Tokyo, Japan

1-3: Tissue Deep B Cell Depletion Following Anti-CD19 CART Cells Therapy

Carlo Tur

Department of Internal Medicine 3, Rheumatology and Immunology, Friedrich Alexander University Erlangen-Nürnberg, Germany

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18:45 ~ 19:45 Session 2 "B cells and their involvement in rheumatic diseases"

Tutor: Satoshi Kubo

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

2-1: Critical roles of chronic BCR signaling in the differentiation of anergic B cells into age-associated B cells in aging and autoimmunity

Keisuke Imabayashi

Division of Immunology and Genome Biology, Medical Institute of Bioregulation, Kyushu University, Fukuoka, Japan

2-2: Pathogenic Age-associated B Cells in Systemic Lupus Erythematosus

Dai Dai

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

20:00 ~ 22:00 Welcome Party

Place: "KURUMI", Karuizawa Prince Hotel West

Day 2 Friday, July 18, 2025

8:45 ~ 9:15 Session 2 "B cells and their involvement in rheumatic diseases"

2-3: Activated human B cells produce phospholipase D4-containing extracellular vesicles via autophagic machinery

Tsubasa Betsuyaku

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

09:30 ~ 11:00 Session 3 "Imaging-based Assessment and Biomarkers"

Tutor: Kosuke Ebina

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

3-1: Factors contributing to the overdiagnosis in the examination of wrist joints in patients with rheumatoid arthritis

Yasuto Minegishi

Division of Rheumatology, Department of Internal Medicine, Toho University Ohashi Medical Center, Tokyo, Japan

3-2: Phase Angle as a Biomarker for Muscle Quality and Inflammation in Rheumatoid Arthritis: Insights from Three Studies

Yuki Saito

Department of Orthopedic Surgery and Rheumatology, Nagoya University Graduate School of Medicine, Nagoya, Japan

3-3: Applying Artificial Intelligence to Axial Spondyloarthritis: From Diagnosis to Precision Treatment Prediction

Seulkee Lee

Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic of Korea

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11:15 ~ 12:45 Session 4 "Inflammatory arthritis -translational research-"

Tutor: Haruka Tsuchiya

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

4-1: Contribution of peripheral helper T cells to synovial inflammation in rheumatoid arthritis via a novel inflammatory humoral factor

Akinori Murakami

Department of Immunology, Graduate School of Medicine, Kyoto University, Kyoto, Japan

4-2: Itaconate reduces proliferation and migration of fibroblast-like synoviocytes and ameliorates arthritis models

Maria Tada

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

4-3: Increased sodium accumulation in inflamed knees of patients with autoimmune joint disease detected by ²³Na-magnetic resonance imaging

Tineke Julia van Wesemael

Department of Rheumatology, Leiden University Medical Center, The Netherlands

13:00 ~ 14:00 Luncheon Keynote Lecture

Co-sponsored by Taisho Pharmaceutical Co., Ltd

1. The Role of Cellular Metabolism in Autoimmune Diseases and Its Potential for Next-Generation Therapies

Speaker: Michihito Kono

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

2. TNF Inhibitors and the Revolution in Rheumatoid Arthritis Therapy

Speaker: Mitsumasa Kishimoto

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

Session Chair: Kunihiro Yamaoka

Chairperson of the Committee on International Affairs

Department of Rheumatology, Kitasato University School of Medicine, Kanagawa, Japan

14:30 ~ 16:00 Session 5 "Treatment-related AEs"

Tutor: Shinsuke Yasuda

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

5-1: The pivotal role of the Hes1/Piezo1 pathway in the pathophysiology of glucocorticoid-induced osteoporosis

Yuki Etani

Department of Orthopaedic Surgery, Osaka University, Graduate School of Medicine, Osaka, Japan

5-2: Association of use of b/tsDMARD with the risk of infection-related hospital stays

Edward Lau

Division of Rheumatology and Clinical Immunology, The University of Hong Kong, Hong Kong

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- 5-3: Epidemiological study of Herpes Zoster (HZ) Incidence and vaccine awareness in patients with rheumatic disease using questionnaires at single Institution

Mitsuru Watanabe

Department of Rheumatology, Daido Hospital, Nagoya, Japan

16:15 ~ 17:45 Session 6

"Bridging the Gaps: Education, Technology, and Perception in Rheumatology Assessment"

Tutor: Mitsumasa Kishimoto

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

- 6-1: Medical students' scoring in rheumatology: a cross-sectional study

Li-Heng Huang

Department of internal medicine, division of allergy, immunology and rheumatology, National Taiwan University Hospital Yun-Lin branch, Taiwan

- 6-2: Prediction of Disease Activity State in Patients with Systemic Lupus Erythematosus by Utilizing Wrist-Worn Wearable Devices

Tomoko Niwano

Department of Rheumatology, Institute of Science Tokyo, Tokyo, Japan

- 6-3: Factors affecting the discordance between the patient's and physician's global assessment in patients with rheumatoid arthritis

Chinatsu Ichikawa

Department of Orthopaedic Surgery, Section of Medicine, Division of Medicine, Dentistry and Pharmaceutical Sciences, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Okayama, Japan

18:00 ~ 19:00 Evening Keynote Lecture

Co-sponsored by AbbVie GK

Clinical significance of Janus Kinase (JAK) inhibition and the therapeutic role of JAK Inhibitors in rheumatoid arthritis

Speaker: Satoshi Kubo

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

Chair: Atsushi Kawakami

Department of Immunology and Rheumatology, Division of Advanced Preventive Medical Sciences, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan

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

Place: "CHIKUMA", Karuizawa Prince Hotel West

Day 3 Saturday, July 19, 2025

08:30 ~ 10:00 Session 7 "Omics in immune-mediated diseases"

Tutor: Kei Ikeda

Department of Rheumatology, Dokkyo Medical University, Tochigi, Japan

7-1: Proteomics and Machine Learning Accurately Predict Clinical Response to Etanercept Therapy in Patients with Rheumatoid Arthritis

Huaqun Zhu

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

7-2: Single Cell RNA-sequencing Analysis Revealed Alteration and Diversity of Dendritic Cells in Rheumatoid Arthritis

Yuichi Suwa

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

7-3: Deciphering state-dependent immune features at single-cell resolution from multi-layer human omics data including transcriptomics, germline variants, mosaic chromosomal alterations, and plasma proteomics

Ryuya Edahiro

Department of Statistical Genetics, Osaka University Graduate School of Medicine, Osaka, Japan

10:15 ~ 11:45 Session 8 "SLE and autoinflammatory diseases-translational research"

Tutor: Michihito Kono

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

8-1: Validation of a novel E3 ligase of GILZ as a glucocorticoid-sparing therapeutic target in SLE

Iolanda Miceli

Department of Medicine, School of Clinical Sciences, Monash University, Melbourne, Australia

8-2: Deficiency of Serum Short-Chain Fatty Acid is Associated with Enhancement of Plasmacyte Differentiation in Systemic Lupus Erythematosus

Ryuichiro Kanda

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

8-3: Functional Mapping of MEFV variants elucidates the key regulatory role of B30.2 domain and its association with FMF pathogenesis

Naoya Iwata

Department of Pediatrics, Kyoto University Graduate School of Medicine, Kyoto, Japan

11:45 ~ Closing Ceremony
