

# JCR International School 2016

Venue | Asama International Conference Hall,  
Karuizawa Prince Hotel West, Karuizawa, Japan

Dates | July 28 - 30, 2016

 JAPAN COLLEGE OF RHEUMATOLOGY

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**Day 1 Thursday, July 28, 2016**

13:00 ~ 15:00 pre-seminar Lecture

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**Oral Presentation Tips and Handling the Q & A**

Lecturer: E. H. Jego

*Nihon University School of Medicine, Division of Medical Education, Planning and Development,  
Tokyo, Japan*

15:30 ~ 15:45 Opening Ceremony

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Opening Remarks: Kazuhiko Yamamoto

President of the Japan College of Rheumatology

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

15:45 ~ 16:45 Keynote Lecture

Co-sponsored by UCB Japan Co., Ltd. and Astellas Pharma Inc.

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**Recent progress in pathogenesis and treatment of SLE – focus on glucocorticoids**

Lecturer: Eric F Morand

*Director, Rheumatology, Monash Health, Head, School of Clinical Sciences at Monash Health,  
Monash University Faculty of Medicine, Nursing & Health Sciences, Melbourne, Australia*

Chair: Yoshiya Tanaka

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

17:00 ~ 18:30 Session 1 “Clinical, imaging, and molecular insights into rheumatic diseases”

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Tutor: Kei Ikeda

*Department of Allergy and Clinical Immunology, Chiba University Hospital, Chiba, Japan*

1-1: The Role of ULK1 in the Pathophysiology of Osteoarthritis

Mira Abou Rjeili

*Division of Genetics and Development, Toronto Western Research Institute, University Health Network, Toronto,  
Canada*

1-2: CLINICAL CHARACTERISTICS OF SPONDYLOARTHRITIS IN JAPANESE PATIENTS

Haruyuki Yanaoka

*Immuno-Rheumatology Center, St. Luke's International Hospital, Tokyo, Japan*

1-3: Periarticular osteoporosis of the forearm correlated with joint destruction and functional impairment in patients with rheumatoid arthritis

Takahiro Iwata

*Department of Orthopaedic Surgery, Takayama Red Cross Hospital, Gifu, Japan*

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18:45 ~ 19:45 Session 2 "The quest for the pathogenesis of rheumatic diseases"

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Tutor: Hideto Kameda

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

2-1: Association of Acroosteolysis With Enhanced Osteoclastogenesis and Higher Blood Levels of Vascular Endothelial Growth Factor in Systemic Sclerosis

Jin Kyun Park

*Division of Rheumatology, Department of Internal Medicine, Seoul National University Hospital, Seoul, Korea*

2-2: Ribophorin II is involved in the tissue factor expression mediated by phosphatidylserine-dependent antiprothrombin antibody on monocytes

Yuichiro Fujieda

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

20:00 ~ 22:00 Welcome Party

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Place: Asama International Conference Hall, Karuizawa Prince Hotel West

### Day 2 Friday, July 29, 2016

08:30 ~ 10:00 Session 3 "Miscellaneous clinical session"

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Tutor: Mitsumasa Kishimoto

*Immuno-Rheumatology Center, St. Luke's International Hospital, Tokyo, Japan*

3-1: Relationship between thyroid function and disease activity of rheumatoid arthritis: A prospective study

Hideaki Tsuji

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

3-2: Focal and systemic factors associated with the development and exacerbation of non-tuberculous mycobacterial (NTM) infection in patients with rheumatic diseases

Sayaka Takenaka

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

3-3: Anti-MDA5 auto-antibody: Clinical spectrum in patients with dermatomyositis in North America

Siamak Moghadam-Kia

*Department of Medicine, Division of Rheumatology and Clinical Rheumatology, University of Pittsburgh, Pittsburgh, PA, U.S.A*

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10:15 ~ 11:45 Session 4 "Pathogenesis of RA and the use of electronic medical record"

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Tutor: Hiromu Ito

*Department of Orthopaedic Surgery, Kyoto University Graduate School of Medicine, Kyoto, Japan*

4-1: Decoy receptor 3 regulates the expression of tryptophan hydroxylase TPH1 in rheumatoid synovial fibroblasts

Toshihisa Maeda

*Department of Orthopaedic Surgery, Kobe University Graduate School of Medicine, Kobe, Japan*

4-2: Local fibroblast proliferation but not influx is responsible for synovial hyperplasia in a murine model of rheumatoid arthritis

Yusuke Matsuo

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

4-3: Clarifying phenotypic heterogeneity by making optimal use of data from electronic medical records

Rachel Knevel

*Department of Rheumatology, Leiden University Medical Center, The Netherlands  
Raychaudhuri's Lab, BWH and HMS, Boston, USA*

12:15 ~ 13:15 Luncheon Keynote Lecture

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

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### **Molecular targets and the intervention in RA**

Lecturer: Tsutomu Takeuchi

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

Chair: Hideto Kameda

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

14:00 ~ 15:30 Session 5 "innate immunity"

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Tutor: Kunihiro Yamaoka

*Division of Rheumatology, Department of Internal Medicine, Keio University School of Medicine, Tokyo, Japansho*

5-1: Functional analysis of macrophages in Behçet's disease

Hiroto Nakano

*Department of Internal Medicine and Clinical Immunology, Yokohama City University Graduate School of Medicine, Yokohama, Japan*

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5-2: Interleukin 9 is an essential factor for resolution of arthritis

Andreas Ramming

*Department of Internal Medicine 3, University of Erlangen-Nuremberg, Germany*

5-3: Increment of M1 cells *in vivo* and osteoclast differentiation *in vitro* in ACPA positive RA patients

Shoichi Fukui

*Departments of Immunology and Rheumatology, Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan*

15:45 ~ 17:15    Session 6    "SLE pathophysiology"

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Tutor: Hiroko Kobayashi

*Department of Gastroenterology and Rheumatology, Fukushima Medical University School of Medicine, Fukushima, Japan*

6-1: The Predictors of Onset and Outcomes in patients with SLE-Associated Pulmonary Arterial Hypertension : A Multi-center Cohort Study

Qian Wang

*Department of Rheumatology, Peking Union Medical College Hospital, Peking Union Medical College and Chinese Academy of Medical Sciences, Beijing, China*

6-2: Characteristic expression of chemokine receptor and its relevance to differentiation of B cells in patients with SLE

Maiko Yoshikawa

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

6-3: Analysis of immune cell subsets in peripheral blood mononuclear cells (PBMCs) from patients with systemic lupus erythematosus

Yusuke Takeshima

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

18:00 ~ 22:00    Buffet style dinner (Free Time)

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Place: Nirenoki Hall, Karuizawa Prince Hotel West

**Day 3 Saturday, July 30, 2016**

08:30 ~ 10:00 Session 7 "Immunopathogenesis in autoimmune diseases"

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Tutor: Shingo Nakayamada

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

7-1: Myositis specific antibodies in Chinese patients with polymyositis and dermatomyositis

Chih-Wei Tseng

*Division of Allergy, Immunology and Rheumatology, Department of Internal Medicine, Taichung Veteran General Hospital, Taiwan*

7-2: Role of IL-21 in the development of autoimmune myositis

Takahiro Kageyama

*Department of Allergy and Clinical Immunology, Chiba University, Chiba, Japan*

7-3: Enhanced IgG4 production by follicular helper 2 T cells in IgG4-related disease

Mitsuhiro Akiyama

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

10:15 ~ 11:45 Session 8 "Micro-molecular mechanisms in SLE"

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Tutor: Shinsuke Yasuda

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

8-1: Upregulation of complement C3 and alpha-2-Macroglobulin in cerebrospinal fluid of neuropsychiatric systemic lupus erythematosus

Tomoyuki Asano

*Department of Gastroenterology and Rheumatology, Fukushima Medical University School of Medicine, Fukushima, Japan*

8-2: MiRNAs participate in the regulation of type I interferons production and their downstream pathway

Haibo Zhou

*Shanghai Institute of Rheumatology, Renji Hospital, Shanghai Jiao Tong University School of Medicine, China*

8-3: Down-regulation of miR-200a-3p, targeting C-terminal binding protein-2 (CtBP2), is involved in hypoproduction of IL-2 in SLE-derived T cells

Eri Katsuyama

*Department of Nephrology, Rheumatology, Endocrinology and Metabolism, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan*

11:45 ~ Closing Ceremony

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