

# JCR International School 2017

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

Dates | August 3 - 5, 2017

 JAPAN COLLEGE OF RHEUMATOLOGY

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# JCR International School 2017 in Karuizawa

## Day 1 Thursday, August 3, 2017

13:00 ~ 15:00 pre-seminar Lecture

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Improving Oral Presentation Skills and Q & A Workshop

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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Chair: Yoshiya Tanaka

Chairperson of the Committee on JCR International School

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

Opening Remarks: Kazuhiko Yamamoto

President of the Japan College of Rheumatology

*Laboratory for Autoimmune Diseases, RIKEN Center for Integrative Medical Sciences,  
Yokohama, Japan*

15:45 ~ 16:45 Keynote Lecture

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

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### **Early diagnosis and deep remission in rheumatoid arthritis**

Lecturer: Zhanguo Li

*Department of Rheumatology and Immunology, Beijing University Medical School People's Hospital,  
Beijing, China*

Chair: Tsutomu Takeuchi

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

17:00 ~ 18:00 Session 1 "Before and after RA"

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Tutor: Hideto Kameda

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

1-1: Clinically Suspect arthralgia:

a longitudinal study on progression to arthritis and establishing a definition by a EULAR taskforce.

Hanna van Steenbergen

*Leiden University Medical Centre, the Netherlands, Leiden, the Netherlands*

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1-2: Infliximab is equivalently suppressing oxidative stress compared to tocilizumab among well-controlled patients with rheumatoid arthritis

Kazuha Kizaki

*Department of Orthopaedic Surgery & Rheumatology, Kyoto Shimogamo Hospital, Kyoto, Japan*

18:15 ~ 19:45 Session 2 "Insight into pathophysiology of rheumatoid arthritis"

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Tutor: Kei Ikeda

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

2-1: Rheumatoid arthritis is characterized by early changes of the cortical micro-channel (CoMiC) system in the bare area of the joints

Arnd Kleyer

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

2-2: A Hypoxia-sensitive COMMD1 Regulates osteoclastogenesis and Pathologic Bone Resorption in Rheumatoid Arthritis

Koichi Murata

*Department of Orthopaedic Surgery, Mitsubishi Kyoto Hospital, Kyoto, Japan*

2-3: Clinical and immunological significance of radiographic thymic alterations in patients with rheumatoid arthritis

Okinori Murata

*Division of Pulmonary medicine, Allergy, and Rheumatology, Department of Internal Medicine, Iwate Medical University School of Medicine, Iwate, Japan*

20:00 ~ 22:00 Welcome Party

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Place: Asama International Conference Hall, Karuizawa Prince Hotel West

## Day 2 Friday, August 4, 2017

09:00 ~ 10:30 Session 3 "Immunopathogenesis of rheumatic 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*

3-1: Mechanism research of integrin  $\alpha\text{v}\beta\text{3}$  on pathogenic T cells in experimental autoimmune encephalomyelitis

Fang Du

*Department of Rheumatology, Renji hospital, Shanghai Jiaotong University, School of Medicine, Shanghai, China*

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3-2: The identification of STEAP4-splice variant and its possible suppressive role in rheumatoid arthritis

Hiroshi Ebe

*Division of Rheumatology, Department of Internal Medicine, Faculty of Medicine, University of Tsukuba, Tsukuba, Japan*

3-3: Transcriptome profiling of immune cell subsets in rheumatoid arthritis

Mineto Ota

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

10:45 ~ 12:15 Session 4 "Clinical issues related to imaging in rheumatoid arthritis"

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Tutor: Hiromu Ito

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

4-1: Severity and Diurnal Improvement of Morning Stiffness Independently Associate with Tenosynovitis in Patients with Rheumatoid Arthritis

Yoshihisa Kobayashi

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

4-2: Bisphosphonate-related atypical femur fractures: Is rheumatoid arthritis one of risk factor?

Jung Hee Koh

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

4-3: Pre-treatment Interleukin-6 levels strongly affect bone erosion progression and repair detected by magnetic resonance imaging in rheumatoid arthritis patients

Yasushi Kondo

*Keio University School of Medicine, Tokyo, Japan*

*Department of Rheumatology, Tokai University School of Medicine, Kanagawa, Japan*

12:30 ~ 13:30 Luncheon Keynote Lecture

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

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### **Genetics & functional genetics of rheumatoid arthritis**

Lecturer: Kazuhiko Yamamoto

*Laboratory for Autoimmune Diseases, RIKEN Center for Integrative Medical Sciences, Yokohama, Japan*

Chair: Yoshiya Tanaka

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

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14:00 ~ 15:30 Session 5 "Clinical aspects and molecular insights in rheumatic diseases"

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Tutor: Hiroko Kobayashi

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

5-1: Macrophage activation syndrome in systemic lupus erythematosus: a multicenter, case-control study in China

Yue Yang

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

5-2: Challenges in revised classification criteria for systemic autoimmune rheumatic diseases and their overlap syndrome

Yuki Inoue

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

5-3: A functional analysis of transcription factor gene GTF2I as a novel regulator of NFκB pathway

Ikuma Nakagawa

*Molecular Neuroimmunology Institute for Genetic medicine, Hokkaido University, Sapporo, Japan*

15:45 ~ 17:15 Session 6 "Role of innate immunity in autoimmunity/interstitial lung diseases"

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Tutor: Shinsuke Yasuda

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

6-1: CD11b<sup>+</sup>Gr1<sup>dim</sup> Tolerogenic Dendritic Cell-like Cells are Expanded in Interstitial Lung Disease in SKG Mice

Sho Sendo

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

6-2: Anti-17 kDa glycoprotein derived from commensal streptococci, a novel biomarker of systemic lupus erythematosus

Yu-Min Kuo

*National Taiwan University Hospital, Taiwan*

6-3: The New Predictive Prognostic Factors for Polymyositis/dermatomyositis-associated Interstitial Lung Disease

Yumiko Sugiyama

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

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

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Place: Nirenoki Hall, Karuizawa Prince Hotel West

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## Day 3 Saturday, August 5, 2017

08:30 ~ 10:00 Session 7 "Clinical Aspect of Arthritis"

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Tutor: Mitsumasa Kishimoto

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

7-1: Clinical usefulness of Short Tau Inversion Recovery (STIR) sequence and Diffusion Weighted Imaging (DWI) in Axial Spondyloarthritis (SpA) patients

Ho Yin Chung

*Division of Rheumatology and Clinical Immunology, Queen Mary Hospital, Hong Kong*

7-2: Clinical characteristics and risk factors of MTX -LPD in patients with rheumatoid arthritis

Shunsuke Mori

*Department of Internal Medicine and Rheumatology, and Clinical Research Center, National Hospital Organization Kyushu Medical Center, Fukuoka, Japan*

7-3: The low mitochondrial biogenesis induces synovial cell proliferation and enhances joint destruction in RA

Takeshi Ueha

*Division of Rehabilitation Medicine, Kobe University Graduate School of Medicine, Kobe, Japan*

10:15 ~ 11:45 Session 8 "Multiple Aspects of Autoimmunity"

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Tutor: Kunihiro Yamaoka

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

8-1: Th22 cells induce osteoclast differentiation via production of IL-22 in rheumatoid arthritis

Yusuke Miyazaki

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

8-2: Peripheral lymphocyte subset repertoires reflect clinical features of polymyositis and dermatomyositis

Hirokazu Sasaki

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

8-3: GILZ: regulator, biomarker and potential treatment for SLE

Melissa Northcott

*Monash University Faculty of Medicine, Nursing and Health Sciences, Melbourne, Australia*

11:45 ~ Closing Ceremony

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