

novo nordisk innovation summit Tokyo 2012

chronic inflammation and autoimmune diseases

Programme

Tuesday 17 April

	Welcome
08:45-08:50	Welcome, <i>Professor Hiroshi Kiyono and Dr Anand Guatam</i>
08:50-09:15	Introduction to Novo Nordisk Biopharmaceutical Research Unit, <i>Dr Per Falk, Senior Vice President, Novo Nordisk, Denmark</i>
Session 1	Novel aspects in the regulation of immune responses Chaired by Drs T. Nakayama and E. D. Galsgaard
09:15-09:45	NKT cell subsets and their functions, <i>Masaru Taniguchi, Director, Research Center for Allergy and Immunology (RCAI), RIKEN</i>
09:45-10:15	Regulation of Immune Responses by Semaphorins, <i>Atsushi Kumanogoh, Professor, Osaka University, Japan</i>
10:15-10:45	CRTAM-mediated cell adhesion regulates development of pathogenic effector T cells, <i>Takashi Saito, Group Director, Research Center for Allergy and Immunology (RCAI), RIKEN</i>
10:45-11:00	Coffee
Session 2	Receptor mediated regulation of immune responses Chaired by Drs A. Kumanogoh and P. V. Sivakumar
11:00-11:30	The IgM Fc receptor (FcμR) positively regulates B cell survival and antibody production, <i>Ji-Yang Wang, Team Leader, Research Center for Allergy and Immunology (RCAI), RIKEN</i>
11:30-12:00	Regulation of immune response by paired receptors, <i>Hisashi Arase, Professor, Osaka University, Japan</i>
12:00-12:30	Regulation of autoimmunity by interaction of matricellular proteins and their integrin receptors, <i>Toshimitsu Uede, Professor, Hokkaido University, Japan</i>
12:30-13:00	Sensing “danger” through C-type lectin receptors, <i>Sho Yamasaki, Professor, Kyushu University, Japan</i>
13:00-14:00	Lunch
Session 3	Novel targets for the control of inflammation Chaired by Drs K. Yamamoto and W. Lei
14:00-14:30	HLA controls the clinical difference, overlap and conversion between Graves disease and Hashimoto thyroiditis, <i>Takehiko Sasazuki, President Emeritus, International medical center of Japan, Professor Emeritus, Kyushu University, Japan</i>
14:30-15:00	Translational research of CD26 molecules for treatment of immune-mediated disorders such as GVHD, RA and SLE, <i>Chikao Morimoto, Professor, The University of Tokyo, Japan</i>
15:00-15:30	CD30 ligand is a target for a novel biological therapy against chronic inflammatory diseases, <i>Yashunobu Yoshikai, Professor, Kyushu University, Japan</i>
15:30-15:55	Coffee
Session 4	Regulation of inflammatory responses at mucosa Chaired by Drs K. Miyake and C. S. Wenander
15:55-16:25	Regulation of gut homeostasis by innate immunity, <i>Kiyoshi Takeda, Professor, Osaka University, Japan</i>
16:25-16:55	Critical role of extracellular ATP and P2X7 purinoceptor for mast cell–dependent intestinal inflammation, <i>Hiroshi Kiyono, Professor, The University of Tokyo, Japan</i>
16:55-17:25	Pathogenic memory Th2 cells in airway inflammation, <i>Toshinori Nakayama, Professor, Chiba University, Japan</i>
17:25	Day 1 closes

Wednesday 18 April

Session 5	Role of innate immunity for the beneficial and aberrant immunityr Chaired by Drs K. Matsushima and F. Ramsdell
10:00-10:30	A novel complement regulatory factor that can suppress the development of collagen-induced arthritis, <i>Yoichiro Iwakura,Professor, The University of Tokyo, Japan</i>
10:30-11:00	Emerging roles for basophils in protective and pathological immune responses, <i>Hajime Karasuyama, Professor, Tokyo Medical and Dental University Graduate School, Japan</i>
11:00-11:30	Toll-like receptor logistics by Unc93B1, <i>Kensuke Miyake, Professor, The University of Tokyo, Japan</i>
11:30-13:00	Lunch
Session 6	T cell regulation for the control of inflammation Chaired by Drs H. Karasuyama and C. Haase
13:00-13:30	Genetic basis of the development and function of natural Foxp3-expressing regulatory T cells, <i>Shimon Sakaguchi, Professor, Kyoto University, Japan</i>
13:30-14:00	Fas-FasL dependent autoantibody suppression by Egr2 expressing CD4+CD25-LAG3+ T cells, <i>Kazuhiro Yamamoto, Professor, The University of Tokyo, Japan</i>
14:00-14:30	Delayed and aberrant reconstitution of immune system in Allo-HSCT, <i>Kouji Matsushima, Professor, The University of Tokyo, Japan</i>
14:30-15:00	Senescence-related T cell; Role in autoimmunity and malignancy, <i>Nagahiro Minato, Professor, Kyoto University, Japan</i>
15:00-15:15	Coffee
	Closing session Chaired by Professor H. Kiyono and Dr Anand Guatam
15:15-15:45	Chaired by Professor H. Kiyono and Dr Anand Guatam Developing viable biotech industry in Japan and Asia employing platform of personalized & frontier Medicine: A-IMBN & SBI SBI biotech models to develop innovative immunotherapeutic products through collaboration with Pharma and Academia, <i>Ken-ichi Arai, President/CEO, SBI Biotech Co., Ltd., Japan</i>
15:45	Summit closes

Organising Committee

Professor Hiroshi Kiyono,
 The University of Tokyo

Professor Ken-ichi Arai,
 SBI Biotech / The University of Tokyo

Dr Anand Gautam,
 Novo Nordisk, Denmark

Venue

The University of Tokyo
 The Institute of Medical Science,
 Auditorium at 1st Building,
 4-6-1 Shirokanedai Minato-ku,
 Tokyo, Japan



東京大学
 THE UNIVERSITY OF TOKYO



Medical Science Forum Tokyo 2012 on Immunity for the Control of Autoimmune Diseases (ICAD)

Date: April 17th-18th, 2012 Venue: Auditorium of The Institute of Medical Science, The University of Tokyo Free Admission (No advance registration required.)

17/Apr/2012

Speaking time slots	Speaker	Affiliation	Title
8:45-9:15	Hiroshi Kiyono & Anand Gautam	Dean and Professor, IMSUT & Director, Biopharmaceutical Sourcing, Novo Nordisk	Welcome
	Per Falk	SVP, Biopharmaceutical Res, Novo Nordisk	Introductory remarks
	Session 1: Novel aspects in the regulation of immune responses Chaired by Drs. T. Nakayama and Elisabeth D. Galsgaard		
9:15-9:45	Masaru Taniguchi	Director, Reserch center for Allergy and Immunology (RCAI), Laboratory for Immune Regulation, RIKEN	NKT cell subsets and their functions
9:45-10:15	Atsushi Kumanogoh	Professor, Laboratory of Immunopathology, WPI Immunology Frontier Research Center (IFReC), Research Institute for Microbial Diseases, Department of Internal Medicine, Graduate School of Medicine, Osaka University	Regulation of Immune Responses by Semaphorins.
10:15-10:45	Takashi Saito	Group Director, Research Center for Allergy and Immunology (RCAI), Laboratory for Cell Signaling, RIKEN	CRTAM-mediated cell adhesion regulates development of pathogenic effector T cells
10:45-11:00	Coffee Break		
	Session2: Receptor mediated regulation of immune responses Chaired by Drs. A Kumanogoh and Simon Reed		
11:00-11:30	Ji-Yang Wang	Team Leader, Reserch center for Allergy and Immunology (RCAI), Laboratory for Immune Diversity, RIKEN	The IgM Fc receptor (FcμR) positively regulates B cell survival and antibody production
11:30-12:00	Hisashi Arase	Professor, Immunochemistry, Immunology Frontier Research Center, Department of Immunochemistry, Research Institute for Microbial Diseases, Osaka University	Regulation of immune response by paired receptors
12:00-12:30	Toshimitsu Uede	Professor, Division of Molecular Immunology, Institute for Genetic Medicine, Hokkaido University	Regulation of autoimmunity by interaction of matricellular proteins and their integrin receptors
12:30-13:00	Sho Yamasaki	Professor, Division of Molecular Immunology, Medical Institute of Bioregulation, Kyushu University	Sensing "danger" through C-type lectin receptors
13:00-14:00	Lunch		
	Session3: Novel targets for the control of inflammation Chaired by Drs. K. Yamamoto and Wang Lei		
14:00-14:30	Takehiko Sasazuki	President Emeritus, International Medical Center of Japan, Professor Emeritus, Kyushu University	HLA controls the clinical difference, overlap and conversion between Graves disease and Hashimoto thyroiditis.
14:30-15:00	Chikao Morimoto	Professor, Juntendo University	Translational Research of CD26 molecules for treatment of immune-mediated disorders such as GVHD, RA and SLE.
15:00-15:30	Yashunobu Yoshikai	Professor, Research Center for Prevention of Infectious Diseases, Medical Institute of Bioregulation, Kyushu University	CD30 ligand is a target for a novel biological therapy against chronic inflammatory diseases
15:30-15:55	Coffee Break		

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Session4: Regulation of inflammatory responses at mucosa Chaired by Drs. K. Miyake and Carola Schellack Wenander

15:55-16:25	Kiyoshi Takeda	Professor, Laboratory of Mucosal Immunology, WPI Immunology Frontier Research Center (IFReC), Department of Microbiology and Immunology, Graduate School of Medicine, Professor, Division of Mucosal Immunolog, Department of Microbiology and Immunology, The Institute of Medical of science, The University of Tokyo	Regulation of gut homeostasis by innate immunity
16:25-16:55	Hiroshi Kiyono	Professor, Department of Immunology, Graduate School of Medicine, Chiba University	Critical role of extracellular ATP and P2X7 purinoceptor for mast cell-dependent intestinal inflammation
16:55-17:25	Toshinori Nakayama		Pathogenic memory Th2 cells in airway inflammation

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Session5: Role of innate immunity for the beneficial and aberrant immunity Chaired by Drs. K. Matsushima and Fred Ramsdell

10:00-10:30	Yoichiro Iwakura	Professor, Tokyo University of Science	A novel complement regulatory factor that can suppress the development of collagen-induced arthritis
10:30-11:00	Hajime Karasuyama	Professor, Department of Immune Regulation, Tokyo Medical and Dental University Graduate School	Emerging roles for basophils in protective and pathological immune responses
11:00-11:30	Kensuke Miyake	Professor, Division of Infectious Genetics, Department of Microbiology and Immunology, The Institute of Medical of science,	Toll-like receptor logistics by Unc93B1

11:30-13:00 Lunch

Session6: T cell regulation for the control of inflammation Chaired by Drs. H.Karasuyama and Claus Haase

13:00-13:30	Shimon Sakaguchi	Professor, WPI Immunology Frontier Research Center (IFReC), Department of Experimental Immunology, Osaka University	Genetic basis of the development and function of natural Foxp3-expressing regulatory T cells
13:30-14:00	Kazuhiko Yamamoto	Professor, Department of Allergy and Rheumatology, Graduate School of Medicine, The University of Tokyo	Fas-FasL dependent autoantibody suppression by Egr2 expressing CD4+CD25-LAG3+ T cells
14:00-14:30	Kouji Matsushima	Professor, Department of Molecular Preventive Medicine, Graduate School of Medicine, The University of Tokyo	Delayed and aberrant reconstitution of immune system in Allo-HSCT
14:30-15:00	Nagahiro Minato	Dean, Professor, Department of Immunology and Cell Biology, Kyoto University Graduate School of Medicine	Senescence-related T cell; Role in Autoimmunity and Malignancy

15:00-15:15 Coffee Break

Closing session Chaired by Prof Hiroshi Kiyono and Anand Gautam

15:15-15:45	Kenichi Arai	President/CEO, SBI Biotech Co. LTd.	Developing viable Biotech Industry in Japan and Asia employing Platform of Personalized & Frontier Medicine: A-IMBN & SBI SBI Biotech Models to develop innovative immunotherapeutic Products through collaboration with Pharma & Academia
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