



“The 1st International Symposium on Mucosal Immunity and Vaccine Development 2014”

Kick-Off Lecture by Nobel Laureate in Physiology or Medicine -Prof. Bruce A. Beutler

Date: October 17 (Fri), 2014

Place: First Building Auditorium, Institute of Medical Science, The University of Tokyo

Organizer: International Research and Development Center for Mucosal Vaccines,
Institute of Medical Science, The University of Tokyo (IMSUT)

Chair: Hiroshi Kiyono (IMSUT)

Committee members: Satoshi Uematsu (IMSUT), Koji Hase (IMSUT), Shintaro Sato (IMSUT)

Sponsor: MEDICAL & BIOLOGICAL LABORATORIES CO.,LTD. (MBL)

Program:

October 17 (Fri)

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|-------------|----------------------|--|
| 13:30-13:35 | Welcome remarks | Hiroshi Kiyono (Dean, IMSUT) |
| 13:35-13:40 | Opening remarks | Naoki Kimura (Director, Scientific Research Institutes Division, Research Promotion, Bureau, Ministry of Education, Culture, Sports, Science and Technology) |
| 13:45-13:50 | Sponsor announcement | Jun Sasaki (CEO, MBL) |
| 13:50-15:20 | Lecture | Bruce A. Beutler |
| 15:20-15:35 | Coffee Break | |
| 15:35-16:05 | Q&A Session | |
| 16:05-16:10 | Closing Remarks | |



Bruce A. Beutler, M.D.

Regental Professor and Director

Center for the Genetics of Host Defense, University of Texas
Southwestern

PAST POSITIONS

Chairman	Department of Genetics (2007 - 2011), The Scripps Research Institute, La Jolla, CA
Professor	Department of Immunology and Microbial Sciences (2000 - 2011), The Scripps Research Institute, La Jolla, CA
Professor	Department of Internal Medicine (1996 - 2000) UT Southwestern Medical Center, Dallas, TX
Associate Investigator	The Howard Hughes Medical Institute (1991 - 2000) Investigator Dallas, TX
Associate Professor	Department of Internal Medicine (1990 - 1996) UT Southwestern Medical Center, Dallas, TX
Assistant Professor	Department of Internal Medicine (1986 - 1990) UT Southwestern Medical Center, Dallas, TX
Assistant Investigator	The Howard Hughes Medical Institute (1991 - 2000) Dallas, TX
Investigator	The Howard Hughes Medical Institute (1986 - 1991) Dallas, TX
Assistant Professor	Associate Physician The Rockefeller University (1985 - 1986) New York, NY
Associate Physician	The Rockefeller University Hospital (1984 - 1986) New York, NY
Fellow	The Rockefeller University (1983 - 1985) New York, NY
Resident	Department of Neurology (1982 - 1983) UT Southwestern Medical Center, Dallas, TX
Intern	Department of Medicine (1981 - 1982) UT Southwestern Medical Center, Dallas, TX

EDUCATION

Medical School: University of Chicago, M.D., 1981

Undergraduate: University of California, San Diego (Revelle College), B.A., 1976

AWARDS

2013 Rabbi Shai Shacknai Memorial Prize in Immunology and Cancer Research

2013 Korsmeyer Award

2012 Drexel Medicine Prize in Immunology

2011 Nobel Prize in Physiology or Medicine

2011 Shaw Prize, PRC

2010 University of Chicago, Professional Achievement Citation

2009 Will Rogers Institute Annual Prize for Scientific Research

2009 Albany Medical Center Prize in Medicine and Biomedical Research

2008 Frederik B. Bang Award (The Stanley Watson Foundation, USA)

2007 Balzan Prize (International Balzan Foundation, Italy and Switzerland)

2006 Gran Prix Charles-Léopold Mayer (Académie des Sciences, France)

2006 William B. Coley Award (Cancer Research Institute, USA)

2004 Robert Koch Prize (Robert Koch Stiftung, Germany)

1994 Young Investigator Award (American Federation for Clinical Research, USA)

1993 Alexander von Humboldt Prize, Germany



Ito International Research Center (IIRC) Symposium,
The University of Tokyo



“The 1st International Symposium on Mucosal Immunity and Vaccine Development 2014”

Date: October 20 (Mon) -21 (Tue), 2014

Place: Lecture: Ito Hall, Ito International Research Center, The University of Tokyo

Organizer: International Research and Development Center for Mucosal Vaccines,
Institute of Medical Science, The University of Tokyo (IMSUT)

Chair: Hiroshi Kiyono (IMSUT)

Committee members:

Satoshi Uematsu (IMSUT)

Koji Hase (IMSUT)

Shintaro Sato (IMSUT)

Program:

Day 1: October 20 (Mon)

13:00 Opening remarks: **Hiroshi Kiyono**

Session I: Immune Responses and Barrier Functions at Mucosal Surface

Chairs: Hiroshi Ohno (RIKEN IMS)

Satoshi Uematsu (IMSUT)

13:10-17:30

1. Sidonia Fagarasan

RIKEN Center for Integrative Medical Sciences (IMS), Yokohama,
Kanagawa, Japan

2. Gregory Sonnenberg

Division of Gastroenterology, Department of Medicine, Perelman School of
Medicine, University of Pennsylvania, Philadelphia, PA, USA

3. Kiyoshi Takeda

Laboratory of Immune Regulation, Department of Microbiology and
Immunology, Graduate School of Medicine, Osaka University, Suita, Osaka,
Japan

4. **Naoko Satoh-Takayama** (Short talk*)

Innate Immunity Unit, Institut Pasteur, 25 rue du Docteur Roux, 75724 Paris, France

(15:00-15:20 Coffee brake)

5. **Ken Cadwell**

Kimmel Center for Biology and Medicine at the Skirball Institute, New York University School of Medicine, New York, NY, USA

6. **Won-Jae Lee**

School of Biological Science, Seoul National University, Seoul, Korea

7. **Satoshi Uematsu**

Division of Innate immune regulation, International Research and Development Center for Mucosal Vaccine, IMSUT, Minato-ku, Tokyo, Japan

8. **Tomokazu Ohta** (Short talk)

WPI Immunology Frontier Research Center, Osaka University, Suita, Osaka, Japan

9. **Yosuke Kurashima** (Short talk)

Division of Mucosal Immunology, Department of Microbiology and Immunology, IMSUT, Minato-ku, Tokyo, Japan

Day 2: October 21 (Tue)

Session II: Host-Microbe Interaction on Health and Diseases

Chairs: Toshinori Nakayama (Chiba Univ.)

Masahira Hattori (Univ. of Tokyo)

9:00-12:00

1. **Julie K. Pfeiffer**

Department of Microbiology, University of Texas Southwestern Medical Center, Dallas, Texas, USA

2. **Kenya Honda**

RIKEN IMS, Yokohama, Kanagawa, Japan

3. **Naoko Ohtani**

Department of Applied Biological Science, Faculty of Science and Technology, Tokyo University of Science, Noda, Chiba, JAPAN

(10:30-10:50 Coffee brake)

4. Takuji Yamada

Department of Biological Information, Tokyo Institute of Technology
Graduate School of Bioscience and Biotechnology, Meguro-ku, Tokyo,
Japan

5. Koji Hase

Division of Mucosal Barriology, International Research and Development
Center for Mucosal Vaccine, IMSUT, Minato-ku, Tokyo, Japan

6. Lena Takayasu (Short talk)

Graduate School of Frontier Sciences, The University of Tokyo, Kashiwa,
Chiba, Japan

7. Mitsuharu Matsumoto (Short talk)

Dairy Science and Technology Institute, Kyodo Milk Industry Co. Ltd.
Tokyo, Nishitama, Tokyo, Japan

12:30 Lunch Break

Session III: New Strategy for Mucosal Vaccine Development

Chairs: Kiyoshi Takatsu (Toyama Univ.)

Tetsuro Matano (IMSUT)

13:30-17:30

1. Mi-Na Kweon

Department of Convergence Medicine, University of Ulsan College of
Medicine/Asan Medical Center, Seoul, Korea

2. Ken Ishii

Laboratory of Adjuvant Innovation, National Institute of Biomedical
Innovation, Ibaraki, Osaka, Japan

3. Akiko Yonekawa (Short Talk)

Division of Molecular Immunology, Medical Institute of Bioregulation,
Kyushu University, Fukuoka, Japan

4. Shinichiro Sawa (Short Talk)

Department of Immunology Graduate School of Medicine and Faculty of
Medicine, The University of Tokyo, Bunkyo-ku, Tokyo, Japan

(15:10-15:30 Coffee Brake)

1. Rafick-Pierre Sekaly

VGTI Florida, Port Saint Lucie, FL, USA

2. Hiroshi Kiyono

Division of Mucosal Immunology, IMSUT, Tokyo, Japan

3. David W. Pascual

Department of Infectious Diseases and Pathology, College of Veterinary Medicine, University of Florida, Gainesville, FL, USA

4. Jun Kunisawa

Laboratory of Vaccine Materials, National Institute of Biomedical Innovation, Ibaraki, Osaka, Japan

17:30 **Nature Immunology Award** ** ceremony

17:45 Closing remarks

** Short talk (20 min) speakers were selected from submitted abstracts.*

*** Nature Immunology Award will be awarded by courtesy of Nature Immunology. The winner will be selected from the short talk speakers.*