

3rd Meeting of Bone Biology Forum

DAY 1: Friday, August 25th, 2006

- 13:00 Opening Remarks Shigeaki KATO, Institute for Molecular and Cellular Biosciences, The University of Tokyo
- < Session I >
- Moderator: Toshiyuki YONEDA, Department of Biochemistry and Molecular Biomedicine, Osaka University Graduate School of Dentistry
Kyoji IKEDA, National Center for Geriatrics and Gerontology
- 13:05 Plenary Lecture, Michael Karin, Department of Pharmacology, University of California
The IKK complex and the control of inflammation and cell survival.
- 14:05 Hiroshi ASAHARA, National Research Institute for Child Health and Development, The Scripps Research Institute, ***Comprehensive analysis of transcription factors regulating Limb/Cartilage development by combination of WISH data base construction, ChipXCHIP assay and High Through Put transaction assay***
- 14:45 Eijiro JIMI, Division of Molecular Biochemistry, Department of Biosciences, Science of Health Improvement Kyushu Dental College, ***The role of classical and alternative NF-kB signaling pathway in osteoclast and tooth development***
- 15:05 Coffee Break (15 min)
- < Session II >
- Moderator: Akira YAMAGUCHI, Department of Oral Pathology, Tokyo Medical and Dental University
Toshihisa KOMORI, Division of Cell Biology, Department of Development and Reconstructive Medicine, Nagasaki University Graduate School of Biomedical Science
- 15:20 Plenary Lecture, Gerard Karsenty, Department of Genetics & Development, Columbia University, ***Novel aspects of Runx2 and ATF4 biology***
- 16:20 Akira KUDO, Department of Biological Information, School of Bioscience and Biotechnology, Tokyo Institute of Technology, ***Periostin is an extracellular matrix protein required for mechanical stress, and functions in tissue regeneration***
- 17:00 Takenobu KATAGIRI, Division of Pathophysiology, Saitama Medical School Research Center for Genomic Medicine, ***Bone formatin controlled by BMPs***
- 17:20 Coffee Break (15 min)
- < Session III : Key Note Address >
- Moderator: Hiroshi TAKAYANAGI, Department of Cellular Physiological Chemistry, Tokyo Medical and Dental University
Hiroshi KAWAGUCHI, Department of Orthopaedic Surgery, Faculty of Medicine, University of Tokyo
- 17:35 Shizuo AKIRA, Department of Host Defense, Research Institute for Microbial Diseases, Osaka University, ***Pathogen Recognition by Innate Immunity***
- 18:35 Naoyuki TAKAHASHI, Division of Hard Tissue Research, Institute for Oral Science, Matsumoto Dental University, ***Osteoblasts prepare the osteoclast niche which determines the site of osteoclast generation,***
- 19:15 Spare time
- 19:30 Reception & Free Discussion
Toshio MATSUMOTO, Department of Medicine and Bio regulatory Sciences, University of Tokushima Graduate School of Medicine

DAY 2: Saturday, August 26th, 2006

- 7:30 Breakfast
<Session IV>
Moderator : Riko NISHIMURA, Department of Biochemistry and Molecular Biomedicine, Osaka University Graduate School of Dentistry
Hirotoishi TANAKA, Division of Clinical Immunology, Advanced Clinical Research Center, The Institute of Medical Science, The University of Tokyo
- 8:30 Plenary Lecture, Peter Tontonoz, Howard Hughes Medical Institute, University of California, ***Control of adipocyte differentiation and metabolism by nuclear receptors***
- 9:30 Toshihiko YANASE, Department of Medicine and Bioregulatory Science, Graduate School of Medical Science, Kyushu University, ***Androgen Receptor and Metabolic Syndrome***
- 10:10 Hirochika KITAGAWA, Institute for Molecular and Cellular Biosciences, The University of Tokyo, ***Role of WINAC in VDR transcriptional mechanism***
- 10:30 Coffee Break (15 min)
<Session V>
Moderator: Shu TAKEDA, Tokyo Medical and Dental University, 21st Century COE
Chisato MIYAURA, Department of Biotechnology and Life Science, Tokyo University of Agriculture and Technology
- 10:45 Toshio KUKITA, Department of Dental Science, Faculty of Dental Science, Oral Biological Science, ***Search for novel cell surface-like molecules involved in the regulation of osteoclastogenesis***
- 11:05 Takeshi MIYAMOTO, Department of Orthopedics Surgery, Cell Differentiation, Keio University School of Medicine, ***Regulation of DC-STAMP during cell-cell fusion of osteoclasts and macrophages***
- 11:25 t.b.a.
- 11:45 Spare Time
- 11:55 Lunch
<Session VI>
Moderator: Ken-ichi MIYAMOTO, Department of Molecular Nutrition, Institute of Health Biosciences, The University of Tokushima Graduate School
Takeshi IMAMURA, Cancer Institute of JFCR
- 13:30 Seiji FUKUMOTO, Division of Nephrology & Endocrinology, Department of Medicine, University of Tokyo Hospital, ***Unique biological function of FGF23***
- 14:10 Hiroyuki TANAKA, Department of Pediatrics, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, ***Lessons from congenital bone diseases***
- 14:30 t.b.a.
- 14:50 Toshimi MICHIGAMI, Department of Environmental of Medicine, Osaka Medical Center and Research Institute for Maternal and Child Health, ***Role of LRP6 in Bone Metabolism***
- 15:10 Akira NIFUJI, Department of Pharmacology, Tsurumi University School of Dental Sciences, ***Search for regulatory genes involved in skeletogenesis by using HiCEP (High Coverage Expression Profiling Analysis)***
- 15:30 Closing Remarks
Toshiyuki YONEDA, Department of Biochemistry and Molecular Biomedicine, Osaka University Graduate School of Dentistry
- 15:40 Departure