《9th Meeting of Bone Biology Forum Program : Honorifics omitted》

Day 1	August 24th (Fri.)			
	13:00 Oj	pening Remarks Sakae Tanaka		
	(D	epartment of Orthopaedic Surgery, Faculty of Medicine, The University of Tokyo)		
<session i=""></session>				
	Moderator	Toshio Matsumoto (Department of Medicine and Bioregulatory Sciences, The		
		University of Tokushima Graduate School of Medical		
	13:05	Sciences)		
	13.05	Henry Morris Kronenberg (Harvard Medical School) How PTHrP regulates growth		
		now Finir regulates growth		
<session ii=""></session>				
(0000	Moderator	Riko Nishimura (Department of Biochemistry, Osaka University of Graduate		
		School of Dentistry)		
		Toshihisa Komori (Department of Cell Biology, Nagasaki University)		
	14:05	Noriyuki Tsumaki (Center for iPS Cell Research and Application,		
		Kyoto University)		
		Regulation of chondrocyte differentiation and reprogramming		
	14:45	Ikuyo Inaba (Laboratory for Bone and Joint Diseases, RIKEN)		
		A genome-wide association study of adolescent idiopathic scoliosis		
	15:05	Toshihiro Chikanishi (TEIJIN Pharma Limited, Institute of Bio-Medical Research)		
		An in vitro model for skeletal muscle force and atrophy, Myotransducer		
<session iii=""></session>				
	Moderator 15:25	Shigeaki Kato (Soma Central Hospital) Kohei Miyazono (Department of Melecular Pathology, Graduate School of		
	13.23	Medicine, The University of Tokyo)		
		$TGF-\beta$ signaling in regulation of cancer		
16:25	Coffee Brea	ak (15min)		
<sess< td=""><td>ion IV></td><td></td></sess<>	ion IV>			
	Moderator	Takeshi Miyamoto (Keio Kanrinmaru project/ Orthopedic Surgery, Keio University		
		School of Medicine)		
		Yasuhiro Kobayashi (Department of Cell Biology, Matsumoto Dental University)		
	16:40	Masamichi Takami (Department of Biochemistry, School of Dentistry,		
		Showa University)		
	17:00	Roles of innate immune system in bone metabolism		
	17:00	Sakae Tanaka (Department of Orthopaedic Surgery, Faculty of Medicine, The University of Tokyo)		
		Regulation of osteoclast function by Akt pathways		
	17:40	Norihiro Kitagawa (Nara Institute of Science and Technology Graduate School of		
	UT. TV	Biological Science)		
		Siglec-15 regulates the formation of functional osteoclasts in concert with		
		DAP12		

<session v=""></session>				
	Moderator	Yoshiya Tanaka (The First Department of Internal Medicine, University of		
		Occupational and Environmental Health, Japan)		
		Akira Yamaguchi (Section of Oral Pathology, Graduate School of Tokyo Medical		
	10.00	and Dental University)		
	18:00	Nobuyuki Udagawa (Department of Biochemistry, Matsumoto Dental University) Mechanism of osteoclast formation in bone from their precursors		
	18:40	Norio Amizuka (Department of Developmental Biology of Hard Tissue, Division of		
		Oral Health Science, Graduate School of Dental Medicine,		
		Hokkaido University)		
		Morphological assessment for biological function of osteocytes		
<welcome reception=""></welcome>				
	•	Greeting Toshiyuki Yoneda (Division of Hematology and Oncology, Indiana		
	10.00	University School of Medicine)		
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Day 2	August 25th	i (Sat.)		
<sessi< td=""><td>on VI></td><td></td></sessi<>	on VI>			
	Moderator	Toshiyuki Yoneda (Division of Hematology and Oncology, Indiana University		
		School of Medicine)		
	8:30	Josef Penninger (The Institute of Molecular Biotechnology)		
		RANKL- from bone loss to breast cancer		
<session vii=""></session>				
	Moderator	Takeshi Imamura (Ehime University Graduate School of Medicine)		
		Masahiro Abe (Department of Medicine and Bioregulatory Sciences,		
		The University of Tokushima Graduate School of Medical Sciences)		
	9:30	Toshiyuki Yoneda (Division of Hematology and Oncology, Indiana University		
		School of Medicine) Acidic microenvironment plays a role in causing bone cancer pain		
	10:10	Mikihito Hayashi (Cell Signaling, Graduate School of Medical and		
	10.10	Dental Sciences, Tokyo Medical and Dental University)		
		Regulatory mechanisms of bone remodeling		
10:30	Coffee Brea	ak (15min)		
<sessi< td=""><td>on VIII></td><td></td></sessi<>	on VIII>			
_	Moderator	Seiji Fukumoto (Division of Nephrology and Endocrinology, Department of		
		Internal Medicine, University of Tokyo Hospital)		
		Keiichi Ozono (Department of Pediatrics, Osaka Univeristy)		
	10:45	Koichi Matsuo (Laboratory of Cell and Tissue Biology, School of Medicine,		
		Keio University) Cell-cell interactions among osteoclasts and osteoblasts		
	11.25	Cell-cell Interactions among osteoclasts and osteoblasts		

11:25 Haruhiko Akiyama (Department of Orthpaedics, Kyoto University) Inhibitory function of TRPV4 in osteoarthritis is mediated by Sox9 expression

11:45 Lunch (60min)

<Session IX> Moderator Hiroshi Takayanagi (Department of Immunology, Graduate School of Medicine and Faculty of Medicine, The University of Tokyo) Kazunori Imaizumi (Department of Biochemistry, Graduate School of Biomedical Sciences, Hiroshima University) Hiroshi Asahara (Department of Systems BioMedicine, Tokyo Medical and 13:00 Dental University, National Center for Children Health and Development) Macro View of micro RNA functions in cartilage development and osteoarthritis pathogenesis Yuuki Imai (Institute of Molecular and Cellular Biosciences, The University of 13:40 Tokyo) Direct functions of sex steroid hormones in bone metabolism 14:00 Shu Takeda (Department of Internal Medicine, Keio University School of Medicine) Role of vitamin E in bone remodeling 14:20 Kana Miyamoto (Orthopedic Surgery, Keio University School of Medicine) Hematopoietic stem cell mobilization and osteoclast 14:40 Closing remarks Shigeaki Kato (Soma Central Hospital)