

The 35th Annual Meeting of the Japanese Society for Bone and Mineral Research

English Session

		Day1 Thursday, July 27																																															
		7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00	20:30																					
Room 1	TSUKUSHI 1 (3F)	JSBMR Committee Highlights Chairs: Sakae Tanaka, Yasuhiro Takeuchi Speakers: 1 Sakae Tanaka, 2 Yasuhiro Takeuchi 8:00-9:00		Opening		Joint Symposium 1: JSBMR & Japanese Society of Osteoimmunology Chairs: Hiroshi Takayanagi, Takashi Nagasawa Speakers: 1 Tomoki Nakashima, 2 Takeshi Miyamoto, 3 Takashi Nagasawa, 4 Fumitaka Mizoguchi 9:10-10:40 P.98~100		Joint Symposium 2: JSBMR & Japan College of Rheumatology Chairs: Sakae Tanaka, Yoshiya Tanaka Nobel perspectives of targeted therapies for preventing joint damage in rheumatic diseases Speakers: 1 Sakae Tanaka, 2 Toshio Imai, 3 Shingo Nakayamada, 4 Hiroshi Takayanagi 10:40-12:10 P.100~102		Lunchtime Educational Lecture 1 RANKL-targeted therapy: beyond osteoporosis? Chair: Toshihisa Komori Speaker: Yoshiya Tanaka Sponsored by Daiichi Sankyo Co., Ltd. 12:20-13:20 P.137		Women Researcher's Session Chair: Masako Ito W1 Keynote Lecture Akiko Chishaki Tripartite Talk: Work-life balance and diversity for researchers 1 Akiko Chishaki, 2 Yoshiki Seino, 3 Masako Ito 13:30-14:50 P.132		E Joint Symposium 4: JSBMR & Korean Society for Bone and Mineral Research (KSBMR) Chairs: Seiji Fukumoto, Byun Dong Won Recent advances in research on bone and mineral metabolism Speakers: 1 Hyun-Ju Kim, 2 Asuka Terashima, 3 Kyu Hyun Yang, 4 Ippei Kanazawa 14:55-16:25 P.106~107		JSBMR 50th Anniversary Memorial Symposium Chairs: Sakae Tanaka, Yoshiya Tanaka Speakers: 1 Toshitsugu Sugimoto, 2 Naoto Endo, 3 Toshiyuki Yoneda, 4 Naoyuki Takahashi, 5 Toshio Matsumoto 16:30-18:00 P.96~98		Evening Seminar The 14th Bisphosphonates Update Sponsored by 35JSBMR / Bp Update		Seession I Chair: Masako Ito Speakers: 1 Junichi Takada, 2 Junichi Takada, 3 Satoshi Ikeda 18:05-18:35 P.146~147		Seession II Chair: Takumi Kurabayashi Speakers: 1 Shinichi Nakatou, 2 Kouji Okuda, 3 Kenji Ikuta 18:35-19:05 P.148~149		Special Lecture Chair: Keiichi Ozono Speaker: Sakae Tanaka 19:05-19:55 P.149		Closing Remarks																							
		JSBMR Committee Symposium 1: Internal medicine Chairs: Toshimi Michigami, Sumito Ogawa New insight and perspective of bone metabolism based on endocrine and metabolic diseases Speakers: 1 Yuka Kinoshita, 2 Kenichi Kashimada, 3 Ayumu Takeno 9:10-10:40 P.123~124		JSBMR Committee Symposium 2: Industry-academia cooperation Chair: Takeshi Miyamoto Innovation Road: from basic to clinical Speakers: 1 Masato Sato, 2 Hiroshi Yamamoto, 3 Hiroko Takuma 10:40-12:10 P.124~125		Lunchtime Educational Lecture 2 Role of AGEs in osteovascular disorders Chair: Yosuke Okada Speaker: Sho-ichi Yamagishi Sponsored by Pfizer Japan Inc. 12:20-13:20 P.137		E Joint Symposium 3: JSBMR & International Federation of Musculoskeletal Research Societies (IFMRS) Chairs: Yuuki Imai, Ikegawa Shiro Speakers: 1 Emma Duncan, 2 Ikegawa Shiro, 3 Shin-Yoon Kim, 4 Yuma Sakamoto, 5 Nan Wu, 6 Kazuki Takeda 13:30-14:50 P.102~105		Joint Symposium 5: JSBMR & Japanese Society for Bone Morphometry & The Japanese Orthopaedic Association Chairs: Satoshi Soen, Naoto Endo Pathophysiology and management of glucocorticoid-induced osteoporosis Speakers: 1 Toshihisa Komori, 2 Shinya Tanaka, 3 Yosuke Okada, 4 Hiroe Sato, 5 Mika Yamauchi 14:55-16:25 P.108~110		Room 2		TSUKUSHI 2 (3F)		Room 3		SHIKA 1 (5F)		Room 4		SHIKA 2 (5F)		Room MTE 1		ORCHILD ROOM (4F)		Room MTE 2		ROSE ROOM (4F)		Poster-Exhibition Room		TSUKUSHI 3 (3F)															
		Oral 1 Chairs: Nobuyuki Udagawa, Keizo Nishikawa Bone resorption 1 (O-001~O-006) 9:10-10:10 P.155~156		Oral 3 Chairs: Yasuhiro Kobayashi, Akiko Kukita Bone resorption 2 (O-013~O-018) 10:10-11:10 P.158~159		Oral 5 Chairs: Masamichi Takami, Masahiro Shinohara Bone resorption 3 (O-025~O-030) 11:10-12:10 P.161~162		Lunchtime Educational Lecture 3 Osteoporosis therapy in the near future: Harmonized treatment by stimulating bone formation and suppressing bone resorption- Milk constituents "MBP" as a model Chair: Naoyuki Takahashi Speaker: Akira Itabashi Sponsored by MEGMILK SNOW BRAND Co., Ltd. 12:20-13:20 P.138		Oral 7 Chairs: Haruhiko Akiyama, Satoshi Kubota Cartilage development and metabolism 1 (O-036~O-041) 13:30-14:30 P.163~165		Oral 9 Chairs: Taku Saito, Masato Sato Cartilage development and metabolism 2 (O-048~O-053) 14:30-15:30 P.166~168		Oral 11 Chairs: Chisa Shukunami, Hiroshi Asahara Muscles / Tendons / Ligaments (O-060~O-066) 15:30-16:40 P.169~171		Evening Educational Lecture 1 The paradigm shift of hypophosphatemic rickets/osteomalacia treatment; the effect of anti-FGF23 antibody Chair: Yasuhiro Takeuchi Speaker: Yasuo Imanishi Sponsored by Kyowa Hakko Kirin Co., Ltd. 18:00-19:00 P.144		Oral 2 Chairs: Koichi Matsuo, Eiichi Hinoi Mechanical stress 1 (O-007~O-012) 9:10-10:10 P.156~157		Oral 4 Chairs: Mikihiro Hayashi, Kunitaka Menuki Mechanical stress 2 (O-019~O-024) 10:10-11:10 P.159~160		Oral 6 Chairs: Hiroshi Kamioka, Ippei Miyagawa Osteocytes (O-031~O-035) 11:10-12:00 P.162~163		Lunchtime Educational Lecture 4 Chair: Yuuki Imai Sponsored by Astellas Pharma Inc. / ONO PHARMACEUTICAL CO., LTD. 12:20-13:20 P.138~139		Oral 8 Chairs: Takuo Kubota, Shozo Yano CKD-MBD / Rickets / Osteomalacia 1 (O-042~O-047) 13:30-14:30 P.165~166		Oral 10 Chairs: Yoshiko Iwasaki, Tomoki Okazaki CKD-MBD / Rickets / Osteomalacia 2 (O-054~O-059) 14:30-15:30 P.168~169		Oral 12 Chairs: Takashi Yamashiro, Teruko Takano, Yamamoto Teeth / Oral / Maxillofacial diseases (O-067~O-072) 15:30-16:30 P.171~172		Evening Educational Lecture 2 Chair: Takeshi Miyamoto Sponsored by AbbVie GK / Eisai Co., Ltd. 18:00-19:00 P.144~145		1 How and why do anti-TNF treatment ameliorate bone and joint damages in rheumatoid arthritis? Speakers: Jun Hashimoto 2 The effects of TNF inhibitors on prevention for joint destruction in spondyloarthritis Speakers: Yuho Kadono		1 Appropriate selection and combination therapy of bisphosphonates considered by pharmacological action -Targeting best efficacy and safety of osteoporosis treatment- Speakers: Kosuke Ebina		2 Minodronate; a promising therapeutic strategy after teriparatide Speakers: Yasuo Imanishi		Meet the Expert 1 1 Hiroshi Takayanagi How to write a paper 2 Hiroshi Asahara Tips for better chances to get your grants 19:00-20:00 P.133		Meet the Expert 2 Noriyuki Tsumaki Cartilage differentiation and treatment for cartilage damage 19:00-20:00 P.134		Exhibition 9:00-18:00		Exhibition 9:00-18:00		Student-Resident Poster Chair: Yuuki Imai 16:50-17:40	

		Day2 Friday, July 28																												
		7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00	20:30		
Room 1	TSUKUSHI 1 (3F)	Council Meeting 7:30-8:30			Joint Symposium 6: JSBMR & Japanese Society of Nephrology Chairs: Seiji Fukumoto Masafumi Fukagawa Recent Progresses in CKD-MBD-Research Speakers: 1 Hirotaka Komaba 2 Takayuki Hamano 3 Yoshiko Iwasaki 4 Junichiro James Kazama 8:40-10:10 P.110~112				Joint Symposium 7: JSBMR & The Japan Endocrine Society Chairs: Toshitsugu Sugimoto Yasuhiro Takeuchi Vitamin D deficiency: certainties and uncertainties Speakers: 1 Seiji Fukumoto 2 Mika Yamauchi 3 Keichi Ozono 4 Ryo OKazaki 10:10-11:40 P.112~114				Invited Lecture 1 Chair: Hideki Yoshikawa Speaker: Junya Toguchida Current and future application of IPS cell research for bone and cartilage diseases Sponsored by TEIJIN PHARMA LIMITED 11:40-12:40 P.89		E L Lunchtime Educational Lecture 5 Canonical Wnt signaling pathway and the role of sclerostin in bone metabolism Chair: Toshio Matsumoto Speaker: Chris Paszty Sponsored by Amgen Astellas BioPharma K.K./ Astellas Pharma Inc. 12:50-13:50 P.139		E I Invited Lecture 3 Chair: Seiji Fukumoto Speaker: Emma Duncan Genomics and Bone: GWAS and Beyond 14:00-15:00 P.91		JSBMR General Meeting Award Ceremony 15:10-16:00		JSBMR General Meeting Award Lectures Chairs: Sakae Tanaka Yoshiya Tanaka Speakers: 1. Hiroshi Asahara 2. Akira Taguchi 3. Daisuke Inoue 4. Kazuo Okamoto 5. Keizo Nishikawa 16:00-17:30				Welcome Reception 19:30-21:00					
		JSBMR Committee Symposium 3(Japan Muscle Society Joint Symposium): Muscles, Ligaments and Tendons Chairs: Hiroshi Asahara Chisa Shukunami New paradigm of musculoskeletal research Speakers: 1 Yuuki Imai 2 So-ichiro Fukuda 3 Takeshi Miyamoto 4 Kohjiro Ueki 5 Hirotoshi Tanaka 8:40-10:10 P.126~128				Joint Symposium 8: JSBMR & Japanese Association for Oral Biology Chairs: Naoyuki Takahashi Riko Nishimura The Renaissance of hard tissue biology~Find the roots of bone, cartilage and tooth~ Speakers: 1 Takenobu Katagiri 2 Kenji Hata 3 Satoshi Fukumoto 4 Takashi Yamashiro 5 Ken-ichi Tezuka 10:10-11:40 P.114~116				E I Invited Lecture 2 Chair: Toshiyuki Yoneda Speaker: Charles A. O'Brien Glucocorticoid control of cortical bone resorption 11:40-12:40 P.90		Lunchtime Educational Lecture 6 Findings from Risedronate Phase III Trials in Japan Chair: Toshitsugu ugimoto Sponsored by Eisai Co.,Ltd./Takeda Pharmaceutical Co.Ltd./EA Pharma Co. Ltd. 12:50-13:50 P.140		Invited Lecture 4 Chair: Keiichi Ozono Speaker: Shin'ichi Takeda Recent Progress in Muscle Research Sponsored by Astellas Pharma Inc. / UCB Japan Co.Ltd. 14:00-15:00 P.92		Joint Symposium 9: JSBMR & Japan Society of Nutrition and Food Science Chairs: Ritsuko Masuyama Mariko Uehara Strategies for the Promotion of Health and Physical Performance Based on Nutrition and Food Sciences Speakers: 1 Nobuyuki Takahashi 2 Kumiko Ebi 3 Shigeo Tanaka 4 Hiroaki Oda 16:00-17:30 P.117~118														
Room 2	TSUKUSHI 2 (3F)	Oral 13 Chairs: Atsushi Kawakami Yasuharu Nakashima Rheumatoid arthritis / Osteoarthritis 1 (O-073~O-078) 8:40-9:40 P.173~174				Oral 15 Chairs: Hisaaki Miyahara Shingo Nakayama Rheumatoid arthritis / Osteoarthritis 2 (O-085~O-090) 9:40-10:40 P.176~177				Oral 17 Chairs: Shigeru Kotake Kazuhisa Nakano Rheumatoid arthritis / Osteoarthritis 3 (O-097~O-102) 10:40-11:40 P.179~180				Oral 19 Chairs: Jun Hashimoto Hiroshi Kaji Rheumatoid arthritis / Osteoarthritis 4 (O-109~O-114) 11:40-12:40 P.182~183				Lunchtime Educational Lecture 7 Chairs: Hideki Yoshikawa Speakers: Sponsored by TEIJIN PHARMA LIMITED 12:50-13:50 P.141		Oral 21 Chairs: Atsushi Suzuki Ritsuko Masuyama Hormones / Local factors 1 (O-120~O-125) 14:00-15:00 P.184~186		Oral 23 Chairs: Hisataka Yasuda Takashi Nakamura Hormones / Local factors 2 (O-132~O-136) 16:00-16:50 P.187~188		Oral 25 Chairs: Toshimi Michigami Kaoru Yamagata Hormones / Local factors 3 (O-143~O-148) 17:00-18:00 P.190~191		E Evening Educational Lecture 3 Autoantibodies driving bone loss in rheumatoid arthritis-mechanisms and therapeutic implications Chair: Shigeaki Kato Speakers: Georg Schett Sponsored by Bristol-Myers Squibb K.K. / ONO PHARMACEUTICAL CO.,LTD. 18:10-19:10 P.145				
		Oral 14 Chairs: Norio Amizuka Takenobu Katagiri Bone formation 1 (O-079~O-084) 8:40-9:40 P.174~175				Oral 16 Chairs: Tadaihiro Iimura Shinsuke Ohba Bone formation 2 (O-091~O-096) 9:40-10:40 P.177~178				Oral 18 Chairs: Hironori Hojo Toru Fukuda Bone formation 3 (O-103~O-108) 10:40-11:40 P.180~181				Oral 20 Chairs: Akira Nifuji Tsuyoshi Shimo Bone formation 4 (O-115~O-119) 11:40-12:30 P.183~184				Lunchtime Educational Lecture 8 Vitamin D in pathogenesis and treatment of metabolic bone diseases Chair: Akinori Sakai Speaker: Yasuhiro Takeuchi Sponsored by Chugai Pharmaceutical Co., Ltd. / Taisho Toyama Pharmaceutical Co., Ltd. 12:50-13:50 P.142		Oral 22 Chairs: Yoshitaka Morita Ikuko Tanaka Secondary osteoporosis 1 (O-126~O-131) 14:00-15:00 P.186~187		Oral 24 Chairs: Makoto Osaki Shigeru Iwata Secondary osteoporosis 2 (O-137~O-142) 16:00-17:00 P.189~190		Oral 26 Chairs: Naohisa Miyakoshi Hiroshi Hagino Secondary osteoporosis 3 (O-149~O-154) 17:00-18:00 P.192~193		Evening Educational Lecture 4 The regulation of bone metabolism by bone marrow mesenchymal stem cells Chairs: Riko Nishimura Speakers: Toshihide Mizoguchi Sponsored by Asahi Kasei Pharma Corporation 18:10-19:10 P.146				
Room MTE 1	ORCHILD ROOM (4F)													1 Relationship between response to treatment with bisphosphonate and baseline characteristics including age, bone mineral density, vitamin D deficiency, and bone turnover markers Speakers: Taro Mawatari				1 Prevention of osteoporotic fracture in elderly patients with diabetes Speakers: Mika Yamauchi				Meet the Expert 3 Masako Ito Clinical Utility of high resolution peripheral QCT (HR-pQCT) 18:10-19:10 P.134								
Room MTE 2	ROSE ROOM (4F)													2 Pathophysiology and treatment of osteoporosis associated with life style-related diseases Speakers: Daisuke Inoue				2 The Goal of Osteoporosis Treatment consideration to Drug Holiday(Basic Research to the Real Clinical Settings) Speakers: Nobukazu Okimoto				Meet the Expert 4 Keiichi Ozono Skeletal dysplasia: diagnosis, pathogenesis and treatment 18:10-19:10 P.135								
Exhibition Room	TSUKUSHI 3 (3F)													Exhibition 9:00-17:00																

		Day3 Saturday, July 29																									
		7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00
Room 1	TSUKUSHI 1 (3F)						E Invited Lecture 5 Chair: Masako Ito Speaker: Claus-Christian Glüer Fracture prevention prospects: targeted approaches to identify, treat, and monitor fracture risk in patients with rheumatic diseases Sponsored by Janssen Pharmaceutical K.K. / Mitsubishi Tanabe Pharma Corporation 9:40-10:40 P.93	E Invited Lecture 6 Chair: Tomoki Nakashima Speaker: Georg Schett Bone loss in rheumatoid arthritis patients-why cytokines such as IL-6 matter Sponsored by Chugai Pharmaceutical Co., Ltd. 10:40-11:40 P.94	Invited Lecture 7 Chair: Masaru Ishii Speaker: Hiroshi Takayanagi Osteoporosis and the bone-forming drug Sponsored by Eli Lilly Japan K.K. 11:40-12:40 P.95						Luncheon Educational Lecture 9 Bone anabolic agents for the treatment of osteoporosis at high risk of fractures Chair: Seiji Fukumoto Speaker: Naohisa Miyakoshi Sponsored by Eli Lilly Japan K.K. 13:00-14:00 P.142	Joint Symposium 11: JSBMR & The Japanese Society of Inflammation and Regeneration Chair: Hiroshi Takayanagi Inflammation and regeneration in bone and joint diseases Speakers: 1 Junya Toguchida 2 Noriyuki Tsumaki 3 Yoichiro Iwakura 4 Kazuhiko Yamamoto 14:10-15:40 P.121~122					Closing						
							JSBMR Committee Symposium 4: Surgical field Chairs: Noriyuki Tsumaki Takayoshi Nakano Biology and pathology of skeleton Speakers: 1 Takehiko Matsushita 2 Nobuyuki Fujita 3 Ryo Nakamichi 9:40-11:10 P.128~129	Joint Symposium 10: JSBMR & Japanese Society of Oral and Maxillofacial Surgeons Chairs: Toshiyuki Yoneda Riko Nishimura Beyond Drug Holiday: Search for approaches to prevent and decrease ONJ development without drug holidays Speakers: 1 Shinichiro Kuroshima 2 Toshitsugu Sugimoto 3 Takashi Ishikawa 4 Yoshihide Ota 11:10-12:40 P.119~120					Luncheon Educational Lecture 10 Treatment strategy for osteoporosis associated with diabetes mellitus Chair: Atsushi Kumanogo Speaker: Ryo Okazaki Sponsored by Daiichi Sankyo Co., Ltd. 13:00-14:00 P.143					JSBMR Committee Symposium 5: Basic Chairs: Masaru Ishii Yuuki Imai Rising Stars in Skeletal Biology Speakers: 1 Asuka Terashima 2 Ono Yusuke 3 Junpei Teramachi 14:10-15:40 P.130~131									
Room 3	SHIKA 1 (5F)	1 Treatment strategy for elderly rheumatoid arthritis patients - possibility of selecting anti-TNF inhibitors - Speakers: Tamami Yoshitama 2 Practice of bio-tight control for patients with rheumatoid arthritis in our hospital Speakers: Toshihiko Hidaka 8:30-9:30 P.135~136		Morning Educational Lecture 1 Positioning of TNF inhibitors in the treatment of rheumatoid arthritis Chair: Shingo Nakayamada Sponsored by Mitsubishi Tanabe Pharma Corporation 8:30-9:30 P.135~136	Oral 27 Chairs: Teruki Sone Takatoshi Aoki Primary osteoporosis 1 (O-155~O-160) 9:40-10:40 P.193~194	Oral 29 Chairs: Akinori Sakai Taro Mawatari Primary osteoporosis 2 (O-167~O-172) 10:40-11:40 P.196~197	Oral 31 Chairs: Masaaki Inaba Satoshi Mori Primary osteoporosis 3 (O-179~O-185) 11:40-12:50 P.199~201	Luncheon Educational Lecture 11 Fracture prevention in internal medicine practice: a pragmatic approach to patients with various comorbidities Chair: Shiro Ikegawa Speaker: Daisuke Inoue Sponsored by Chugai Pharmaceutical Co., Ltd. 13:00-14:00 P.143					Oral 33 Chairs: Eijiro Jimi Kazuo Okamoto Signal transduction / Transcription factors (O-193~O-199) 14:10-15:20 P.203~204														
				Morning Educational Lecture 2 Current status and future of osteoporosis treatment Chair: Norio Amizuka ★ Speaker: Sakae Tanaka Sponsored by AYUMI Pharmaceutical Corporation 8:30-9:30 P.136	Oral 28 Chairs: Kunihiko Yamaoka Shinya Tanaka Rheumatoid arthritis / Osteoarthritis 5 (O-161~O-166) 9:40-10:40 P.195~196	Oral 30 Chairs: Asuka Terashima Ken-ichi Tezuka Stem cells / Tissue regeneration (O-173~O-178) 10:40-11:40 P.198~199	Oral 32 Chairs: Riko Kitazawa Toshio Kukita Cancers and bone diseases 1 (O-186~O-192) 11:40-12:50 P.201~202	The 20th Meeting of the Japan Society for Cancer and Bone Diseases Sponsored by 35JSBMR / Japan Society for Cancer and Bone Diseases Luncheon Seminar Chair: Riko Nishimura Speaker: Shigeaki Kato 13:00-13:45 P.150					Oral 34 Chairs: Takeshi Imamura Kenji Hata Cancers and bone diseases 2 (O-200~O-204) 13:50-14:40 P.204~205					Mini Symposium Cancer and Bone Diseases Chairs: Akira Yamaguchi Toshiyuki Yoneda Speakers: 1 Takayoshi Nakano 2 Kyoko Hida 3 Takashi Ishikawa 4 Yuya Kunisaki 14:40-15:40 P.150~152									
Exhibition Room	TSUKUSHI 3 (3F)	Exhibition 9:00-15:00												Exhibition 9:00-15:00													