

第 26 回内藤コンファレンス 「オステオバイオロジー」 開催案内

開催日時： 2009年11月4日（水）～11月7日（土）

開催場所： 淡路夢舞台国際会議場（兵庫県淡路市）

組織委員：○松本俊夫先生 徳島大学大学院ヘルスバイオサイエンス研究部 教授
 山口 朗先生 東京医科歯科大学大学院歯学系 教授
 米田俊之先生 大阪大学大学院歯学研究科 教授
 加藤茂明先生 京大分子細胞生物学研究所 教授
 今村健志先生 (財)癌研究会癌研究所 部長
 ○：委員長

セッション：

- セッション A： Dynamics of Osteochondrogenesis
- セッション B： Dynamics of Bone Resorption
- セッション C： Intercellular Signaling of Bone Cells
- セッション D： Intracellular Signaling of Bone cells
- セッション E： Osteobiology and Disorders

日 程：

	午 前	午 後	夜
11月 4日(水)		<参加登録> 15:30 ~	<レセプション> 18:30 ~
5日(木)	開会挨拶: セッション A	セッション B	ポスターセッション(1)
6日(金)	セッション C	セッション D	ポスターセッション(2)
7日(土)	セッション E 閉会挨拶		

November 4 (Wed.)

15:30 – 17:30	Registration
18:30 – 20:00	Welcome Reception

November 5 (Thu.)

7:30 – 8:30	Breakfast
8:50 – 9:00	Opening Remarks
9:00 – 12:00	Session A (10 :30-11 :00 Coffee Break)

Session A : Dynamics of Osteochondrogenesis

Role of Notch Signaling in Bone Formation

Section of Oral Pathology , Tokyo Medical and Dental University, Japan

Dr. Akira Yamaguchi

Molecular Regulation During Endochondral Ossification

Department of Molecular and Cellular Biochemistry, Osaka University Graduate School of Dentistry, Japan

Dr. Riko Nishimura

Roles of BMP Signals During Endochondral Bone Formation

Department of Bone and Cartilage Biology, Osaka University Graduate School of Medicine, Japan

Dr. Noriyuki Tsumaki

A Novel Endocrinology of Bone

Department of Genetics & Development, Columbia University Medical Center, USA

Dr. Gerard Karsenty

Regulation of Chondrocyte Differentiation in the Growth Plate

Endocrine Unit, Massachusetts General Hospital, USA

Dr. Henry Kronenberg

12 :00 – 14 :00	Lunch
14:00 – 17:00	Session B (15:30– 16:00 Coffee Break)

Session B : Dynamics of Bone Resorption

Role of Osteoclasts in the Pathogenesis of Cancer-induced Bone Diseases

Department of Biochemistry, Graduate School of Dentistry, Osaka University, Japan

Dr. Toshiyuki Yoneda

Quiescent Hematopoietic Stem Cells in the Niche

Department of Cell Differentiation, School of Medicine, Keio University, Japan

Dr. Toshio Suda

Regulation of Apoptosis and Function of Osteoclasts.

Department of Orthopaedic Surgery, Faculty of Medicine, , The University of Tokyo, Japan

Dr. Sakae Tanaka

The Osteoclast and its Cytoskeleton

Department of Pathology and Immunology, Washington University in St. Louis School of Medicine, USA

Dr. Steven L. Teitelbaum

(to be determined later)

Harvard Medical School and School of Dental Medicine, USA

Dr. Roland Baron

17:30 – 19:00

Dinner

19:00– 21:00

Poster Session (1)

November 6 (Fri.)

7:30 – 8:30	Breakfast
9:00 – 12:00	Session C (10 :30-11 :00 Coffee Break)

Session C : Intercellular Signaling of Bone Cells

New Fluorescent Probes and New Perspectives in Bioscience

Brain Science Institute, RIKEN, Japan

Dr. Atsushi Miyawaki

In vivo Optical Imaging of Cells and Intercellular Signaling in Osteobiology

Division of Biochemistry, The JFCR Cancer Institute, Japan

Dr. Takeshi Imamura

Signaling Factors Coordinating Chondrogenesis and Osteogenesis in Endochondral Bone Development

Department of Bioengineering, School of Engineering, The University of Tokyo, Japan

Dr. Ung-il Chung/Yuichi Tei

BMPs in Osteoblast Differentiation and Bone Formation

Department of Molecular Cell Biology, Leiden University Medical Center, the Netherlands

Dr. Peter ten Dijke

(to be determined later)

Department of Cell and Tissue Biology, University of California, San Francisco, USA

Dr. Rik Derynck

12 :00-14 :00	Lunch
14:00 – 17:00	Session D (15:30– 16:00 Coffee Break)

Session D : Intracellular Signaling of Bone cells

Regulation of Bone Mass through an Osteocyte Network

Department of Cell Biology, Unit of Basic Medical Sciences, Nagasaki University Graduate School of Biomedical Sciences, Japan

Dr. Toshihisa Komori

<p>The Roles of Nuclear Receptors in Bone</p> <p>Laboratory of Nuclear Signaling, Institute of Molecular and Cellular Biosciences, The University of Tokyo, Japan</p> <p>Dr. Shigeaki Kato</p>
<p>The ER Stress Transducer, OASIS is Required for Bone Formation Through Transcription of Col1A1</p> <p>Department of Anatomy, Faculty of Medicine, University of Miyazaki, Japan</p> <p>Dr. Kazunori Imaizumi</p>
<p>Bone Development and Disease is Controlled by AP-1 (Fos/Jun)</p> <p>CNIO - Spanish National Cancer Research Centre, Spain</p> <p>Dr. Erwin F. Wagner</p>
<p>Osteocytes as Multifunctional Cells</p> <p>Department of Oral Biology, School of Dentistry, University of Missouri-Kansas City, USA</p> <p>Dr. Lynda F. Bonewald</p>

17:30 – 19:00 Dinner

19:00– 21:00	Poster Session (2)
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November 7 (Sat.)

7:30 – 8:30 Breakfast

9:00 – 12:00 Session E
(10 :30-11 :00 Coffee Break)

<p><i>Session E : Osteobiology and Disorders</i></p>
<p>FGF23 and Disorders of Mineral Homeostasis</p> <p>Department of Medicine, Division of Nephrology & Endocrinology, University of Tokyo Hospital, Japan</p> <p>Dr. Seiji Fukumoto</p>
<p>Bone Destruction and Myeloma Growth in Myeloma Niche</p> <p>Department of Medicine and Bioregulatory Sciences, Graduate School of Medical Sciences, The University of Tokushima, Japan</p> <p>Dr. Toshio Matsumoto</p>

<p>RANK Ligand and Osteoimmunology</p> <p>Department of Cell Signaling, Tokyo Medical and Dental University, Graduate School, Japan</p> <p>Dr. Hiroshi Takayanagi</p>
<p>Regulatory Mechanisms in the Osteoimmune System</p> <p>Department of Pathology and Laboratory Medicine, University of Pennsylvania School of Medicine, USA</p> <p>Dr. Yongwon Choi</p>
<p>New Insights into Disorders of Phosphate Homeostasis</p> <p>Indiana University School of Medicine, USA</p> <p>Dr Michael J. Econs</p>

12:00 – 12:10 Closing Remarks

12:20 – 13:20 Lunch

当コンファレンスに参加を希望される方には、必ずポスター発表を行って頂きます。ポスター発表演題募集期間は、2009年4月7日（火）～5月19日（火）を予定しております。

財団ホームページ (<http://www.naito-f.or.jp/>) にアクセスし、必要事項をご記入のうえお申込みください。組織委員会にて約60件を採択いたします。当日発表されたポスターの中から、組織委員会で優秀と認められた発表者には、若手を中心に特定研究助成金（50万円を20名、総額1000万円）を贈呈します。奮ってご応募ください。

以上