

Registration and Programs



Davos, Switzerland | March 14-19, 2010 | www.ibmsonline.org

IBMS Davos Workshop: Bone Biology & Therapeutics

International Bone & Mineral Society



For more information, visit www.ibmsonline.org

Dear Colleagues,

The International Bone & Mineral Society (IBMS) is pleased to invite you to participate in the IBMS Davos Workshops: Bone Biology & Therapeutics in Davos, Switzerland, March 14-19, 2010.

This meeting was initiated in 1985 by Professor Herbert Fleisch. Professor Fleisch is recognized worldwide for his pioneering work leading to the discovery of the bisphosphonates as inhibitors of bone resorption. This work was initially done at the Laboratory for Experimental Surgery, Swiss Research Institute, Davos, Switzerland, and has changed the entire field of bone and mineral research in the past 40 years. Professor Fleisch hosted popular cutting-edge scientific workshops in Davos for more than 20 years. These workshops established a scientific standard that continues to set the bar today. Following his last meeting in 2006, IBMS agreed to organize the 2008 meeting, with Professor Fleisch as honorary chair, however, Professor Fleisch suddenly passed away in May 2007. Since his passing, IBMS has committed to maintaining the scientific traditions he established in Davos all while celebrating his memory.

The 2010 Workshops will maintain the intimate scale and informality which have characterized previous meetings, and which make scientific exchange in Davos both straightforward and enjoyable.

We hope you join us in Davos in 2010 as a continuation of a special bone tradition, and as an opportunity to update on the latest in cellular and clinical bone science.

Sincerely,



Roger Bouillon
President



Jane Aubin
Chair, Scientific Program Committee

Steering Committee Members:

Jane Aubin, Chair

Roger Bouillon, Co-Chair

Roland Baron

Juliet Compston

Steven Cummings

Gregory R. Mundy

Masaki Noda

Socrates Papapoulos

Stuart Ralston

Ian Reid

Mike Rogers

Graham Russell

Toronto, Canada

Leuven, Belgium

New Haven, CT, USA

Cambridge, United Kingdom

San Francisco, CA, USA

Nashville, TN, USA

Tokyo, Japan

Leiden, Netherlands

Edinburgh, Scotland

Auckland, New Zealand

Aberdeen, United Kingdom

Oxford, United Kingdom

Scientific Program Committee Members:

Jane Aubin, Chair

Jean Jacques Body

Mary Bouxsein

Roberto Civitelli

Adolfo Diez-Perez

F. Hal Ebetino

John Eisman

Francis Glorieux

Theresa Guise

Wim van Hul

Gerard Karsenty

Clemens Lowik

Stavros Manolagas

Pierre Marie

T. Jack Martin

Stefan Mundlos

Roberto Pacifici

Nicola Partridge

Lawrence Raisz

Ernestina Schipani

Dwight Towler

Matthew Warman

Toronto, Canada

Brussels, Belgium

Boston, MA, USA

St. Louis, MO, USA

Barcelona, Spain

Mason, OH, USA

Sydney, Australia

Montreal, Canada

Charlottesville, VA, USA

Antwerp, Belgium

New York, NY, USA

Leiden, The Netherlands

Little Rock, AK, USA

Paris, France

Victoria, Australia

Berlin, Germany

Atlanta, GA, USA

Piscataway, NJ, USA

Farmington, CT, USA

Boston, MA, USA

St. Louis, MO, USA

Boston, MA, USA



Meeting Information

Aim

This meeting is a continuation of the 12 previous workshops held since 1985. As in the past, the aim of the meeting is to present and discuss the latest science in skeletal biology, both in health and disease, and the latest information in the field of bone therapeutics. In the past, bone therapeutics has been dominated by the bisphosphonates, but this meeting will also dedicate substantial time to other developing therapeutic classes.

Who Should Attend

The meeting will be attended by approximately 700 delegates from all over the world. Delegates will be from academia, industry and clinical practice, and will be researching, teaching or practicing across the broad areas of bone biology and bone disease. The professional groups represented will include: cell and molecular biology, pharmacology, physiology, dental research, endocrinology, epidemiology, genetics, geriatric medicine, gynecology, internal medicine, medical oncology, orthopedics, pediatrics, radiology, nuclear medicine, and rheumatology.

Educational Objectives

The Educational Objectives of the meeting are to present the most recent scientific findings on:

- The biology of the bone forming cells (osteoblasts)
- The biology of the bone resorbing cells (osteoclasts)
- The regulation of bone metabolism
- Muscle and its effects on bone
- Strategies for treating osteoporosis
- Strategies for treating Paget's disease of bone
- The mechanisms of metastasis of malignancy to bone
- Strategies for treating metastatic malignancy to bone

Important Dates

Abstract submission deadline:	November 30, 2009
Early-registration deadline:	January 15, 2010
Advance registration deadline:	February 19, 2010

Abstracts/Posters

Delegates who would like to present their work at the meeting either orally or as a poster are invited to submit an abstract for consideration by the Program Committee.

For any other questions, please contact IBMS Headquarters. Please be sure to follow the instructions on the Web site, complete all requested information and note the abstracts are published exactly as submitted. Errors and misspellings will not be corrected by the organizers prior to publication.

Authors will be notified by early January whether their abstract has been accepted, and they will be informed at the same time about the date, time and form of their presentation. The Program Committee reserves the right to make the final decision concerning form of presentation, but authors are asked to indicate their preference.

Grants

Travel grants will be awarded to young academic investigators. Applicants must be members of IBMS at the time of application and no more than 40 years of age by December 31, 2009 and/or within 10 years of their last degree. Confirmation of eligibility must be provided prior to awards being made. Please check the box on the abstract form if you would like to apply for a travel grant. Abstracts will be evaluated anonymously by the Program Committee and awards will be based on scientific merit. Award winners will be notified by the Program Committee.

Language

English

Venue

The workshop will be held at the Congress Centre in Davos Platz, Switzerland. Davos is nestled in the mountains of Graubünden and can be reached by a three-hour train ride or two-hour drive from Zurich. Davos is well known for its skiing, both alpine (Parsenn) and cross-country and other winter sports facilities, which should all be excellent at the time of the workshop.

Preliminary Program Schedule

Sunday March 14, 2010

17:00 pm - 20:00 pm **Biology 1**
Invited Speakers
Welcome Reception

Monday, March 15, 2010

08:00 am - 12:00 pm **Biology 2**
Invited Speakers
Oral Communications
Posters
Morning Tea

12:00 pm - 16:00 pm **Break**

16:00 pm - 20:00 pm **Biology 3**
Afternoon Tea
Posters
Invited Speakers
Oral Communications

Tuesday, March 16, 2010

08:00 am - 12:00 pm **Biology 4**
Invited Speakers
Oral Communications
Posters
Morning Tea

12:00 pm - 16:00 pm **Break**

16:00 pm - 20:00 pm **Translational 1**
Afternoon Tea
Invited Speakers

22:00 pm **Social Event**

Program Highlights

Biology 1

Chondrogenesis and Patterning

Speaker: Stefan Mundlos (Berlin, Germany)

Hot Topic - TBA

Speaker: TBA

Biology 2

Revolutionizing Gene Expression with Multi-Spectral Optoacoustic Tomography

Speaker: Vasilis Ntziachistos (Munich, Germany)

Hot Topic - TBA

Speaker: TBA

Biology 3

Cell Cycle-arrested Osteoclast Precursors

Speaker: Naoyuki Takahashi (Nagano, Japan)

Chemokine and Lipid Mediator-mediated Control of Osteoclast Migration Visualized by In Vivo Bone Imagine: A Novel Point of Regulation for Bone Homeostasis

Speaker: Masaru Ishii (Osaka, Japan)

Biology 4

Impact of Sympathetic Neuron Signals on Bone Remodeling and Cancer Metastasis

Speaker: Florent Elefteriou (Nashville, TN, USA)

Osteocyte Remodeling of their Perilacunar/canalicular Matrix: Hormonal/Mechanical Regulation

Speaker: Lynda Bonewald (Kansas City, MO, USA)

Sclerostin Regulation and Mode of Action

Speaker: Michaela Kneissal (Basel, Switzerland)

Biology 5

Mechanisms of Bone Deformation and Fracture

Speaker: Himadri Gupta (Potsdam, Germany)

Genomewide Studies in Osteoporosis

Speaker: Matt Brown (Brisbane St. Lucia, Australia)

Translational 1

T-cells Involvement in PTH Anabolic Actions

Speaker: Roberto Pacifici (Atlanta, GA, USA)

Hot Topic - TBA

Speaker: TBA

Therapeutic Targeting to Bone: Enzyme Replacement for Hypophosphatasia

Speaker: Michael Whyte (St. Louis, MO, USA)

Noninvasive Assessment of Structural and Mechanical Properties of Trabecular and Cortical Bone by Proton, Deuteron and Phosphorus Magnetic Resonance

Speaker: Felix Wehrli (Philadelphia, PA, USA)

Initiators and Inhibitors in Vascular Calcification

Speaker: Catherine Shanahan (London, UK)

Preliminary Program Schedule

Wednesday, March 17, 2010

08:00 am - 12:00 pm	Translational 2 Invited Speakers Morning Tea
12:00 pm - 16:00 pm	Break
16:00 pm - 20:00 pm	Therapeutic 1 Afternoon Tea Posters Invited Speakers Oral Communications

Thursday, March 18, 2010

08:00 am - 12:00 pm	Therapeutic 2 Invited Speakers Oral Communications Posters Morning Tea
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12:00 pm - 16:00 pm	Break
16:00 pm - 20:00 pm	Therapeutic 3 Afternoon Tea Posters Invited Speakers Oral Communications

Friday, March 19, 2010

08:00 am - 12:00 pm	Therapeutic 4 Invited Speakers Oral Communications Posters Morning Tea
12:00 pm	Closing Ceremony

Program Highlights

Translational 2:

Lessons Learned from CIC-7 Deficiency – Are All Anti-Resorptives the Same?

Speaker: Morten Karsdal (Herlev, Denmark)

Personalized Medicine

Speaker: TBA

Hot Topic - TBA

Speaker: TBA

Therapeutics 1:

The Pathophysiology and Treatment of Glucocorticoid Induced Osteoporosis

Speaker: Nancy Lane (Davis, CA, USA)

Adverse Effects of Bisphosphonates

Speaker: Steven Cummings (San Francisco, CA, USA)

Cathepsin K - A Novel Molecular Target for Treatment of Osteoporosis: Discovery of Odanacatib

Speaker: Sevgi Rodan (Bryn Mawr, PA, USA)

Therapeutics 2:

Sclerostin Is an Important Target for Stimulating Bone Formation, Restoring Bone Mass and Enhancing Fracture Healing

Speaker: David Ke (Thousand Oaks, CA, USA)

Calcium Supplement Effects on Vascular Events - Is It Worth the Risk?

Speaker: Ian Reid (Auckland, NZ)

Nanotherapeutics: Novel Engineered Nanoparticles Promote Bone Accretion In Vivo

Speaker: M. Neale Weitzmann (St. Louis, MO, USA)

Hot Topic - TBA

Speaker: TBA

Therapeutics 3:

Genetics of Muscle

Speaker: Eric Orwoll (Portland, OR, USA)

Hot Topic - TBA

Speaker: TBA

Vitamin D

Speaker: Roger Bouillon (Leuven, Belgium)

How Long to Treat and What to Do When You Stop (i.e. Offshoots and Rebounds)

Speaker: Serge Ferrari (Geneva, Switzerland)

Therapeutics 4: Cancer and Bone

Denosumab to Prevent Disease and Treatment-related Skeletal Complications in Men with Prostate Cancer: Emerging Evidence

Speaker: Matt Smith (Boston, USA)

Anti-tumor Effects of Bisphosphonate in Man – Myth or Reality?

Speaker: Rob Coleman (Sheffield, UK)

The Role of Disseminated Tumor Cells (DTCs) and Circulating Tumor Cells (CTCs) in the Early Development of (Bone) Metastasis

Speaker: Klaus Pantel (Hamburg, Germany)

Registration & Travel Information

Group Reservations

Group reservations (10 people or more) can be completed online or by communicating with IBMS Registration Services by phone at +1.202.367.1173, by fax at +1.202.367.2173 or e-mail registration@ibmsonline.org.

Registration Procedure

You may register at www.ibmsonline.org (credit card payments only accepted online). You may also register by completing and faxing the registration form in this brochure to IBMS Registration Services at +1.202.367.2173. Payment may be made with credit card or bank transfer. For bank transfer instructions, please contact the Registration Services staff. Registrations will not be accepted by telephone. Please note that a separate registration form is needed to register each participant.

Registration Fees (All pricing in USD)

"Early" rates apply on or before January 15, 2010.

"Advance" registration closes February 19, 2010.

"On-site" Registration, please add 50 USD to "Advance" registration rate.

Travel Information

Zurich Airport is the nearest airport to Davos. The best way to get from the airport to the meeting is to take the train to Davos Platz. The train leaves hourly from the Swiss Railway station within the airport. Train tickets can be purchased at the counters of the Swiss Railways located just above the platform for the trains. Please find information about the Swiss Railways at www.sbb.ch/en/.

You must purchase a ticket before boarding the train, but you need not reserve a seat. It is a three-hour train ride. You will have to change trains twice, first in Zurich HB (main station) change for Landquart, and in Landquart, change again for Davos Platz (see timetable www.sbb.ch/en/). In Switzerland, return tickets are valid for two weeks and are less expensive than two single fares (approx CHF 110 in 2nd class and CHF 182 in 1st class).

You may also hire a car at the airport and drive to Davos; it is a two-hour drive. Davos is in the mountains and at the time of the congress the roads may still be covered with snow or ice.

The third possibility is to hire a taxi (or a small van for several people). The price is approx. CHF 800 for one way. If you would like to choose this option, please contact the local organizer.

Hotel Accommodations

You may reserve your accommodations online at www.ibmsonline.org. If you prefer to mail or fax a hotel booking form, please visit www.ibmsonline.org or contact the Davos Tourism directly:

Antonia Lehman
Congress Department
Davos Tourism
Promenade 67 CH-7270 Davos Platz
Switzerland
Telephone +41.81.415.21.66
Fax +41.81.415.21.69
E-mail: congress@davos.ch

All hotel reservations will be made through the Davos Tourism Department.

Registration Rates

Session	IBMS Member		Non-Member		IBMS Student		Non-IBMS Student	
	Early	Advance	Early	Advance	Early	Advance	Early	Advance
Bone Biology	450 USD	525 USD	650 USD	750 USD	125 USD	150 USD	200 USD	250 USD
Bone Therapeutics	650 USD	750 USD	750 USD	850 USD	125 USD	150 USD	200 USD	250 USD
Combined	750 USD	850 USD	850 USD	950 USD	125 USD	150 USD	200 USD	250 USD

Both Translational Sessions are included in the price of the Bone Biology Session or the Therapeutics Session.

International Bone and Mineral Society • Davos Workshops: Bone Biology & Therapeutics • Davos, Switzerland • March 14-19, 2010

Early-registration Deadline: January 15, 2010 • REGISTER ONLINE AT WWW.IBMSONLINE.ORG

Registration Form

A. Personal Information

Last name: _____ Degree: _____

First name: _____ Title: _____

Department: _____ Institution: _____

Street: _____

Zip/Postal Code: _____ City: _____ State/Province: _____

Country: _____ Telephone: _____

Fax: _____ E-mail: _____

I intend to present _____ (number) Poster(s). If you have any special needs due to a disability, please let us know.

B. Registration Rates: "Early" Rates apply on or before January 15, 2010. "Advance" Registration closes February 19, 2010. "On-site" Registration, please add 50 CHF to "Advance" registration rate.

Session	IBMS Member		Non-Member		IBMS Student		Non-IBMS Student	
	Early	Advance	Early	Advance	Early	Advance	Early	Advance
Bone Biology	450 USD	525 USD	650 USD	750 USD	125 USD	150 USD	200 USD	250 USD
Bone Therapeutics	650 USD	750 USD	750 USD	850 USD	125 USD	150 USD	200 USD	250 USD
Combined	750 USD	850 USD	850 USD	950 USD	125 USD	150 USD	200 USD	250 USD

Students must provide written certification signed by their Training Mentor/Director. See below:

I, _____, certify that the individual registered at left is a student at my Institution/Company.
(Insert name of training mentor/director)

Signature _____ (signature of training mentor/director)

Cancellations

All cancellations must be made in writing. Please fax cancellation notification to +1.202.367.2173 or e-mail to registration@ibmsonline.org. Refunds minus a \$100 USD administrative fee will be granted until February 15, 2010. No refunds will be possible after February 15, 2010 at which time all sales are final.

C. Method of Payment

Full payment must accompany your registration form by completing the credit card information below or by bank transfer. Please use contacts at the bottom of the page to request bank transfer information.

Total Payment Due \$ _____ Visa MasterCard

Card Number: _____ Expiration Date: _____

Name of Cardholder (Print): _____ CVV Code: (three-digit code on back of card) _____

Signature: _____ Date: _____

Your signature authorizes your credit card to be charged for the total payment above. IBMS reserves the right to charge the correct amount if different from the total payment listed above. All information in Section A must be completed in order to register. If information is not applicable please indicate n/a in the space provided. For bank transfer information, please contact IBMS for details.

Please return the completed form at your earliest convenience to: FAX: +1.202.367.2173

Any questions please call +1.202.367.1173 or e-mail at registration@ibmsonline.org

Host Organization

International Bone & Mineral Society (IBMS)
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Registration

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E-mail: congress@davos.ch

Venue

Congress Center
Promenade 92
Davos Plats, Switzerland
Phone: +41.(0).81.414.64.07
(reachable only at the time of the congress)
Fax: +41.(0).81.414.64.26
(reachable only at the time of the congress)

Davos, Switzerland, March 14-19, 2010

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