

## Wednesday, Dec. 3

**11.00 – 12.30**

### NUTRITION & BONE HEALTH SESSION

Chairs: C. Cooper / R. Rizzoli

- Maternal Nutrition and Osteoporosis in the Offspring, *Cyrus Cooper, U.K.*
- Nutrition and Peak Bone Mass, *René Rizzoli, Switzerland*
- Vitamin K and the Elderly, *Sarah Booth, U.S.A.*
- Interaction of Calcium and Protein, *Bess Dawson-Hughes, U.S.A.*

**13.00 – 14.30**

### IOF ASIAN OSTEOPOROSIS AUDIT

Presentation prepared by Ambrish Mithal / Media briefing

### ORTHOPAEDIC SESSION: ASIAN PERSPECTIVE

- Introduction, *Suthorn Bavonratavech, Thailand*
- The Orthopaedic Challenge: Impact on our Daily Business, *Toshitaka Nakamura, Japan*
- Fracture Healing Research, *Arata Nakajima, Japan*
- Vertebral Fractures in Asia: The Role of Vertebroplasty/Kyphoplasty in their Management, *Ping-Chung Leung, Hong Kong, China*
- Conclusion and Q&A

**14.45 – 16.15**

### SATELLITE SYMPOSIA

- MSD
- Wyeth

**16.45 – 18.15**

### SATELLITE SYMPOSIUM

- Amgen

**18.30 – 19.30**

### OFFICIAL OPENING

with Welcome Address by John A. Kanis

Open exhibition area

**19.30 – 21.30**

### WELCOME RECEPTION

## Thursday, Dec. 4

**8.30 – 10.45**

### SESSION I

Chairs: B. Masri / H. Orimo

- **Worldwide Epidemiology of Fractures Differences between East and West**  
*Jane Cauley, U.S.A.*
- IOF-Servier Young Investigator Research Grant
- Oral Presentations
- **An Update on the Genetics of Osteoporosis**  
*Andre Uitterlinden, The Netherlands*

**10.45 – 11.15**

### Coffee Break / Poster Session

**11.15 – 12.15**

### MEET-THE-EXPERT SESSIONS

- Achievement of Peak BMD, *Serge Ferrari, Switzerland*
- Clinical Controversies in Osteoporosis, *Steven R. Cummings, U.S.A.*
- Glucocorticoid-induced Osteoporosis, *Juliet E. Compston, U.K.*
- Non-invasive Assessment of Bone Architecture and Fracture Risk, *Mary L. Bouxsein, U.S.A.*
- Nutrition and Bone Health, *René Rizzoli, Switzerland*
- Rehabilitation of Osteoporotic Fractures, *Helmut Minne, Germany*
- Uses of Biochemical Markers in Clinical Practice, *Gregorio Riera-Espinoza, Venezuela*
- Vitamin D Analogs for Osteoporosis Treatment, *Toshio Matsumoto, Japan*

**12.15 – 13.30**

### Break / Poster Session

**13.30 – 14.30**

### MEET-THE-EXPERT SESSIONS

- Advanced Imaging Techniques in Osteoporosis, *Harry K. Genant, U.S.A.*
- Developmental Origins of Osteoporotic Fractures, *Cyrus Cooper, U.K.*
- Fragility Fracture: From Pathology to Treatment, *David Marsh, U.K.; Kristina Åkesson, Sweden; Ghassan Maalouf, Lebanon; Suthorn Bavonratavech, Thailand*
- Glucocorticoid-induced Osteoporosis, *Juliet E. Compston, U.K.*
- Replacement of Vitamin D throughout the Life Course, *Bess Dawson-Hughes, U.S.A.*
- The Follow-up of Osteoporosis Treatment, *Rubem Lederman, Brazil; Chatlert Pongchaiyakul, Thailand*
- What's New in Women's Health? *Khunying Kobchitt Limpaphayom, Thailand; Unnop Jaisamrarn, Thailand*

**14.45 – 16.45**

### SESSION II

Chairs: T. Matsumoto / S. Papapoulos

- **Brain and Bone: CNS Control of Bone Metabolism**  
*Florent Elefteriou, U.S.A.*
- **Cancer Induced Bone Loss**  
*Robert E. Coleman, U.K.*
- Oral Presentations

**16.45 – 17.15**

### Break / Poster Session

**17.15 – 18.45**

### SATELLITE SYMPOSIA

- Eli Lilly
- Servier

## Friday, Dec. 5

**8.30 – 10.45**

### SESSION III

Chairs: E. Lau / H. Minne

- **Novel Mechanisms of Bone Formation (Mechanotransduction to Sclerostin)**  
*John Bilezikian, U.S.A.*
- Pierre Delmas Award
- Oral Presentations
- **Absolute Fracture Risk / Determination and Clinical Usefulness** *Eugene McCloskey, U.K.*

**10.45 – 11.15**

### Coffee Break / Poster Session

**11.15 – 12.15**

### MEET-THE-EXPERT SESSIONS

- Advanced Imaging Techniques in Osteoporosis, *Harry K. Genant U.S.A.*
- Clinical Aspects of Treatment with Anabolic Therapies, *John Bilezikian, U.S.A.*
- Replacement of Vitamin D throughout the Life Course, *Bess Dawson-Hughes, U.S.A.*
- The Follow-up of Osteoporosis Treatment, *Rubem Lederman, Brazil; Chatlert Pongchaiyakul, Thailand*
- Vitamin D Analogs for Osteoporosis Treatment, *Toshio Matsumoto, Japan*
- What's New in Women's Health? *Khunying Kobchitt Limpaphayom, Thailand; Unnop Jaisamrarn, Thailand*

**11.30 – 14.30**

### \*Orthopaedic Session: International Perspective

**12.15 – 13.30**

### Break / Poster Session

**13.30 – 14.30**

### MEET-THE-EXPERT SESSIONS

- Bone Quality – What Does it Mean for the Clinician? *Toshitaka Nakamura, Japan*
- Case Studies in Osteoporosis, *Uri A. Liberman, Israel*
- Differences Between Bisphosphonates, *Jonathan D. Adachi, Canada*
- Duration and Complications of Bisphosphonate Therapy, *Silvano Adami, Italy*
- Evaluation and Treatment of Osteoarthritis, *Jean-Yves Reginster, Belgium*
- Public Health Impact and Prevention of Osteoporotic Fractures in Asia, *Edith Lau, Hong Kong, China*
- Secondary Osteoporosis, *Socrates E. Papapoulos, The Netherlands*

**14.45 – 16.45**

### SESSION IV

Chairs: S. Cummings / J. Stenmark

- **Vitamin D Insufficiency: Myth or Reality**  
*Steven Boonen, Belgium*
- **Approaches to the Prevention of Bone Fragility throughout Life: Diet and Exercise**  
*Ego Seeman, Australia*
- Oral Presentations

**16.45 – 17.15**

### Break / Poster Session

**17.15 – 18.45**

### SATELLITE SYMPOSIA

- Sanofi Aventis and Procter & Gamble Pharmaceuticals (ABBH)
- Medtronic

# Scientific Program

## Saturday, Dec. 6

8.30 – 10.45

### SESSION V

Chairs: J-Y. Reginster / E. Seeman

- **Immune System and Bone**  
*Hiroshi Takayanagi, Japan*
- IOF Medal of Achievement
- Oral Presentations
- **Estrogen and Bone in Men and Women**  
*Sundeep Khosla, U.S.A.*

10.45 – 11.15

### Coffee Break / Poster Session

11.15 – 12.15

### MEET-THE-EXPERT SESSIONS

- Bone Quality – What Does it Mean for the Clinician?  
*Toshitaka Nakamura, Japan*
- Case Studies in Osteoporosis, *Uri A. Liberman, Israel*
- Clinical Aspects of Treatment with Anabolic Therapies,  
*John Bilezikian, U.S.A.*
- Differences Between Bisphosphonates,  
*Jonathan D. Adachi, Canada*
- Duration and Complications of Bisphosphonate Therapy,  
*Silvano Adami, Italy*
- Evaluation and Treatment of Osteoarthritis,  
*Jean-Yves Reginster, Belgium*
- Public Health Impact and Prevention of Osteoporotic Fractures  
in Asia, *Edith Lau, Hong Kong, China*
- Secondary Osteoporosis,  
*Socrates E. Papapoulos, The Netherlands*

12.15 – 13.30

### Break / Poster Session

13.30 – 14.30

### MEET-THE-EXPERT SESSIONS

- Achievement of Peak BMD, *Serge Ferrari, Switzerland*
- Clinical Controversies in Osteoporosis, *Steven R. Cummings, U.S.A.*
- Developmental Origins of Osteoporotic Fractures,  
*Cyrus Cooper, U.K.*
- Fragility Fracture: From Pathology to Treatment,  
*David Marsh, U.K.; Kristina Åkesson, Sweden; Ghassan  
Maalouf, Lebanon; Suthorn Bavonratanevech, Thailand*
- Non-invasive Assessment of Bone Architecture and Fracture  
Risk, *Mary L. Bouxsein, U.S.A.*
- Nutrition and Bone Health, *René Rizzoli, Switzerland*
- Rehabilitation of Osteoporotic Fractures, *Helmut Minne, Germany*
- Uses of Biochemical Markers in Clinical Practice,  
*Gregorio Riera-Espinoza, Venezuela*

14.45 – 16.45

### SESSION VI: Olof Johnell Memorial Lectures

Chairs: T. Nakamura / J. Zanchetta

- **Economically Effective Osteoporosis Treatment  
Worldwide**  
*John A. Kanis, U.K.*
- **Novel / Biological Therapies in Osteoporosis**  
*Socrates E. Papapoulos, The Netherlands*
- Oral Presentations

16.45 – 17.15

### Break / Poster Session

17.15 – 18.45

### SATELLITE SYMPOSIA

- Roche/GSK

**\*\*Building Bridges in Bone Health: the Cell, the Tissue, the Patient and Policy** Orthopaedic Symposium organized by TOPF in collaboration with Novartis

## Sunday, Dec. 7

8.30 – 12.15

### SESSION VII

Chairs: S. Bavonratanevech / C. Cooper

- **Epidemiology and Risk Factors for Osteoarthritis**  
*Cyrus Cooper, U.K.*
- Oral Presentations
- Late Breaking News
- **Structure Modification in Osteoarthritis: Fact or Fantasy?**  
*Jean-Yves Reginster, Belgium*

### Closing Remarks

### Oral Presentations

The selection of oral presentations will be based on the top ranked abstracts.

### Poster Sessions

Poster sessions will be held from Thursday Dec. 4 to Saturday Dec. 6 at the following times:

10.45 – 11.15

12.15 – 13.30

16.45 – 17.15

### \*Orthopaedic Session: International Perspective – Healing, Repair and Prevention of Fragility Fractures

Friday, Dec. 5, 11.30 – 14.30

Chairs: S. Bavonratanevech / T. Einhorn

- Introduction, *Suthorn Bavonratanevech, Thailand; Thomas A. Einhorn, U.S.A.*
- Biomechanics of Age-Related Fractures, *Mary L. Bouxsein, U.S.A.*
- New Developments in the Biology of Fracture Healing, *Thomas A. Einhorn, U.S.A.*
- Fracture Healing in Osteoporotic Bone – Mechanical and Pharmacological Treatment, *Mathias P. Bostrom, U.S.A.*
- Effects of Osteoporosis Agents on Fracture Healing, *David Little, Australia*
- Report on the Requirements for Clinical Trials on Bone Healing – GREES-ESCEO-IOF Workshop, *Jörg Goldhahn, Switzerland*
- Discussion and Conclusion

### \*\*Building Bridges in Bone Health: the Cell, the Tissue, the Patient and Policy

Orthopaedic Symposium organized by Thai Osteoporosis Foundation in collaboration with Novartis

Saturday Dec. 6, 17.15 – 18.45

Chairs: S. Bavonratanevech / D. Marsh

#### Session 1: ...between fragments

- Fracture Healing in Elderly Patients, *Mathias P. Bostrom, U.S.A.*
- Is Implant Anchorage Different? *Jörg Goldhahn, Switzerland*
- Is Treatment Strategy Different? *Suthorn Bavonratanevech, Thailand*

#### Session 2: ...between specialties

- Co-Diagnostics with Radiologists, *Harry K. Genant, U.S.A.*
- Co-work with the Physician, *Peter Burckhardt, Switzerland*
- Co-Management with the Geriatrician, *Amy Hoang-Kim, Italy*

#### Session 3: ...between doctors and patients

- How to Deliver Care, *David Marsh, U.K.*
- How to Rehabilitate Elderly Patients, *Kristina Åkesson, Sweden*
- How to Prevent the Next Fracture, *David Little, Australia*