



3rd Joint Meeting of the European Calcified Tissue Society & the International Bone and Mineral Society

7-11 May 2011

SATURDAY 7 MAY

07:30-20:30 REGISTRATION OPEN

09:00-16:30

ECTS/IBMS Training Course:
Joints: formation, function and failure
with a focus on osteoarthritis
supported by Servier

10:15-16:15

Comparative Endocrinology of
Calcium Regulation Workshop
CE01 - CE06

11:00-12:30

European Working Group on
Patient Education in Osteoporosis

13:00-17:30

Allied Health Professionals Session
IS01-IS04 OC01-AHP01 - OC04-AHP04

17:00-18:30

ECTS/IBMS Educational Symposium:
Biochemical assessment of bone health
*supported by BioMedica, IDS, Roche Diagnostics
and TECOmedical*
IS05-IS07

18:30-19:00

BREAK

19:00-20:40

Opening Ceremony
ECTS/ASBMR Debate: Atypical femoral
shaft fractures are a consequence of
bisphosphonate therapy
Presentation of the Golden Femur Award

20:40

Welcome Reception

SUNDAY 8 MAY

07:30-19:30 REGISTRATION OPEN

08:00-09:00

Symposium 1: Stem cells, bone
and bone marrow IS08-IS09
(including the ECTS Excellence in Research Lecture)

09:00-09:15

ECTS Awards 1

09:15-10:15

Orals 1: Bone cells
OC05-OC09

10:15-11:15

**COFFEE AND
ATTENDED POSTERS**

11:15-12:45

Workshop 1: Three approaches to
anti resorptive treatment IS10-IS12
Workshop 2: Genome-wide association
studies in osteoporosis IS13-IS15

12:45-14:00
**LUNCH AND
POSTERS**

13:00-14:00
Meet the
Professor 1

14:00-15:00

Symposium 2:
Cartilage development and engineering
IS16-IS17

15:00-15:15

IBMS Awards 1

15:15-16:15

Orals 2: Bone and cartilage
OC10-OC14

16:15-16:45

COFFEE

16:45-17:45

Oral Posters 1
Clinical | Basic
OPC01-OPC10 | OPB01-OPB10

17:45-18:15

BREAK

18:15-19:45

Satellite Symposium
supported by MSD

20:15

Football Tournament

MONDAY 9 MAY

07:30-19:30 REGISTRATION OPEN

08:00-09:00

Symposium 3 (ECTS/ASBMR Joint Session)
The musculo-skeletal unit: from
development to ageing IS18-IS19

09:00-09:15

ECTS Awards 2

09:15-10:15

Orals 3: Osteoporosis pathophysiology
OC15-OC19

10:15-11:15
**COFFEE AND
ATTENDED
POSTERS**

10:15-11:15
IBMS
AGM

11:15-12:45

Workshop 3: Three approaches
to anabolic treatment IS20-IS22
Workshop 4: Epigenetic regulation
of gene transcription IS23-IS25

12:45-14:00
**LUNCH AND
POSTERS**

13:00-14:00
Meet the Professor 2/
ECTS/IBMS New
Investigator Workshop 1

14:00-15:00

Symposium 4:
Advances in osteo-immunology
IS26-IS27

15:00-15:15

IBMS Awards 2

15:15-16:15

Orals 4: Bone diseases
OC20-OC24

16:15-16:45

COFFEE

16:45-17:45

Oral Posters 2
Clinical | Basic
OPC11-OPC20 | OPB11-OPB20

17:45-18:15

BREAK

18:15-19:45

Satellite Symposium
supported by Amgen / GlaxoSmithKline

19:45-22:00

ECTS/IBMS
New Investigator Session
NIOP01 - NIOP08; NIPP01 - NIPP20

TUESDAY 10 MAY

07:30-19:30 REGISTRATION OPEN

08:00-09:00
Symposium 5: Hypoxia signaling
IS28-IS29

09:00-09:15
ECTS Awards 3

09:15-10:15
Orals 5: Cancer and bone
OC25-OC29

10:15-11:30
COFFEE AND
ATTENDED
POSTERS

10:15-11:30
ECTS
AGM

11:30-13:00
Workshop 5:
Cancers and bone IS30-IS32
Workshop 6:
Fracture risk in childhood IS33-IS35

13:00-14:15
LUNCH AND
POSTERS

13:15-14:15
Meet the Professor 3/
ECTS/IBMS New
Investigator Workshop 2

14:15-15:15
Symposium 6: Male osteoporosis
IS36-IS37

15:15-15:30
IBMS Awards 3

15:30-16:30
Orals 6: Osteoporosis treatment
OC30-OC34

16:30-17:00
COFFEE

17:00-18:00
Orals 7:
Biomechanics
OC35-OC39

17:00-18:00
Clinical Case
Studies
CC01-CC04

18:00-18:30
BREAK

18:30-20:00
Satellite Symposium
supported by Eli Lilly and Company

20:00-20:30
BREAK

20:30
Cultural Event-Party

WEDNESDAY 11 MAY

08:00-12:30 REGISTRATION OPEN

08:30-09:45
Symposium 7:
LRP5 and Wnt signaling in bone
IS38-IS40

09:45-10:15
COFFEE

10:15-12:45
Hot Topics and
Late Breaking Abstracts
OC40-OC49

12:45-13:15
Closing Ceremony and ECTS Awards 4

ECTS/ASBMR Debate

Atypical femoral shaft fractures are a consequence of bisphosphonate therapy

For the motion: *Thomas Einhorn (Boston, USA)*
Against the motion: *Bo Abrahamsen (Copenhagen, Denmark)*

Symposia

SYMPOSIUM 1: Stem cells, bone and bone marrow

- IS08 Niche initiated oncogenesis (ECTS Excellence in Research Lecture)
David Scadden (Boston, USA)
IS09 Stem cell regulation by the brain bone blood triad
Tsvee Lapidot (Rehovot, Israel)

SYMPOSIUM 2: Cartilage development and engineering

- IS16 The role of hox genes in limb development and bone formation
Stefan Mundlos (Berlin, Germany)
IS17 Developmental versus regenerative chondrogenesis: Adult stem cells and nanostructured materials in cartilage tissue engineering and regeneration
Rocky Tuan (Pittsburgh, USA)

SYMPOSIUM 3 (ECTS/ASBMR Joint Session): The musculo-skeletal unit: from development to ageing

- IS18 Regulatory interactions among musculoskeletal tissues during embryonic development
Elazar Zelzer (Rehovot, Israel)
IS19 MROS study
Eric Orwoll (Portland, USA)

SYMPOSIUM 4: Advances in osteo-immunology

- IS26 T and B cells and bone
Georg Schett (Erlangen, Germany)
IS27 Osteoclast regulation
Hiroshi Takayanagi (Tokyo, Japan)

SYMPOSIUM 5: Hypoxia signaling

- IS28 Oxygen sensors in bone development
Geert Carmeliet (Leuven, Belgium)
IS29 The hypoxia signaling pathway in cartilage, bone and hematopoiesis
Ernestina Schipani (Boston, USA)

SYMPOSIUM 6: Male osteoporosis

- IS36 Guidelines for management of male osteoporosis
Richard Eastell (Sheffield, UK)
IS37 EU male ageing study
Dirk Vanderschueren (Leuven, Belgium)

SYMPOSIUM 7: LRP5 and Wnt signaling in bone

- IS38 LRP5 functions in bone to produce high bone mass phenotypes
Matthew Warman (Boston, USA)
IS39 Evaluating the role(s) of LRP5/6 and Wnt ligands in regulating bone development and acquisition
Bart Williams (Grand Rapids, USA)
IS40 The conundrum of Wnt/beta catenin signaling in bone
Michaela Kneissel (Basel, Switzerland)

Workshops

WORKSHOP 1: Three approaches to anti resorptive treatment

- IS10 Bisphosphonates
Socrates Papapoulos (Leiden, Netherlands)
IS11 Denosumab
Steven Cummings (San Francisco, USA)
IS12 Cathepsin K inhibitors
Mike McClung (Portland, USA)

WORKSHOP 2: Genome-wide association studies in osteoporosis

- IS13 Association studies in bone genetics
Andre Uitterlinden (Rotterdam, Netherlands)
IS14 Deep resequencing of promising osteoporosis loci from GWAS
Speaker tbc
IS15 Meta-analysis
Evangelos Evangelou (Ionannina, Greece)

WORKSHOP 3: Three approaches to anabolic treatment

- IS20 Recent insights in the use of teriparatide and antiresorptive combinations and sequences
Felicia Cosman (West Haverstraw, USA)
IS21 Calcium-sensing receptor antagonists
Lorraine Fitzpatrick (King of Prussia, USA)
IS22 Sclerostin inhibition: A potential new anabolic treatment approach for osteoporosis
Xiaodong Li (Thousand Oaks, USA)

WORKSHOP 4: Epigenetic regulation of gene transcription

- IS23 Histone de-acetylases and epigenetic regulation
Olivier Pourquié (Strasbourg, France)
IS24 DNA methylation and epigenetic regulation in bone
Shigeaki Kato (Tokyo, Japan)
IS25 Clinical implications of epigenetics in bone diseases
Cyrus Cooper (Southampton/Oxford, UK)

WORKSHOP 5: Cancers and bone

- IS30 Myeloma bone disease
Toshio Matsumoto (Tokushima, Japan)
IS31 Mechanisms underlying the fatal attraction of prostate cancer to bone
Marco Cecchini (Bern, Switzerland)
IS32 Modelling human osteosarcoma in the mouse
Carl Walkley (Melbourne, Australia)

WORKSHOP 6: Fracture risk in childhood:

- IS33 Determinants and associations of fracture in children
Nick Bishop (Sheffield, UK)
IS34 Prevention and management of bone fragility in healthy children
Maria Luisa Bianchi (Milan, Italy)
IS35 Vertebral fractures in children: an under-recognized consequence of chronic illness
Leanne Ward (Ottawa, Canada)