WCO-IOF-ESCEO SEVILLE 2014

WORLD CONGRESS ON OSTEOPOROSIS, OSTEOARTHRITIS AND MUSCULOSKELETAL DISEASES

PROGRAMME

APRIL 2-5, 2014 | SEVILLE, SPAIN

FIBES - SEVILLE CONFERENCE AND EXHIBITION CENTRE

www.wco-ifo-esceo.org
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CONGRESS WEB SITE
www.wco-iof-esceo.org

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EUROPEAN ACCREDITATION
The WCO IOF ESCEO 2014 Congress was granted 18 European CME credits (ECMEC)  
by the European Accreditation Council for Continuing Medical Education (EACCME).

REGISTRATION
Early Registration  
< December 9, 2013  
IOF Member 735 €  
Non-Member 795 €  
Student 250 €

Pre-registration  
< December 10, 2013 - March 17, 2014 >  
IOF Member 795 €  
Non-Member 895 €  
Student 270 €

On Site  
IOF Member 995 €  
Non-Member 995 €  
Student 300 €

DEADLINES
Registration cancellation:  
within June 30, 2013, 50% of the registration fee will be refunded.  
No refund will be possible for cancellations after this date.

Submission of abstracts: January 16, 2014  
Notification to the contributors: February 17, 2014
16:50 - 17:50
ESCEO SYMPOSIUM
Casino de la Exposición

- Efficacy and safety of anti-osteoporosis medications in the elderly
  Chairpersons: Jaime Branco, Maria Luisa Brandi
  - Introduction - Maria Luisa Brandi
  - Presentation of the ESCEO Consensus - René Rizzoli
  - Optimizing therapeutic adherence in the elderly - John Weinman
  - Wrap-up and conclusion - René Rizzoli
  - Discussion - Leader: Johann D. Ringe

Panel: Jaime Branco, Maria Luisa Brandi, Olivier Bruyère, Patrice Cacoub, Cyrus Cooper, Adolfo Diez-Perez, Jonny Duder, Roger Fielding, Nicholas Harvey, Mickaël Hiligsmann, John A. Kanis, Jean Petermans, Jean-Yves Reginster, Johann D. Ringe, René Rizzoli, John Weinman

17:50 - 18:50
Chairperson: Cyrus Cooper
Best clinical papers published in 2013
Socrates Papapoulos

18:50 - 21:10
WCO-IOF-ESCEO - OPENING CEREMONY
Chairpersons: Jean-Yves Reginster, John A. Kanis

18:50 - 18:55
OPENING OF THE MEETING
René Rizzoli

18:55 - 19:55
INDUSTRY-SPONSORED HONORARY LECTURE
- The mammalian circadian timing system: how clocks talk to each other - Ueli Schibler

19:55 - 20:10
Presentation of the ESCEO-IOF Servier Pierre D. Delmas Prize
Bess Dawson-Hughes

Presentation of the IOF SERVIER Young Investigator Research Grant
John A. Kanis

20:10 - 21:10
WELCOME COCKTAIL
Thursday, April 3, 2014 - FIBES SEVILLA
Avda. Alcalde Luis Urquínula, 1 | CP 41020 Sevilla

09:00 - 11:50
SCIENTIFIC SESSION I
Chairpersons: John A. Kanis, Jean-Yves Reginster

09:00 - 09:30
Plenary Lecture 1
- The life course epidemiology of musculoskeletal ageing - Cyrus Cooper

09:30 - 09:40
Presentation of the ESCEO-IOF Herbert Fleisch Medal
Auditorium A

09:40 - 10:20
Oral communications selected from abstracts

10:20 - 10:50
Auditorium Lecture 2
- Osteoporosis therapy, beyond fracture prevention - Jonathan D. Adachi

10:50 - 11:50
Oral communications selected from abstracts

12:15 - 13:45
INDUSTRY-SPONSORED LUNCH SYMPOSIUM
Auditorium A
Efficacy and utility of glucosamine sulfate and hyaluronic acid in the management of osteoarthritis
Chairperson: Roy D. Altman
- Critical review and interpretation of the newest meta-analyses of intra-articular hyaluronate for knee osteoarthritis - Emmanuel Maheu
- Crystalline glucosamine sulfate is the only SYSADOA that decreases consumption of NSAIDs in knee osteoarthritis: results from the PEGASUS cohort - Lucio C. Rovati
- Disease modification in knee osteoarthritis with oral glucosamine sulfate or intra-articular hyaluronic acid: a review of the current evidence - Roy D. Altman

14:00 - 15:00
Poster Viewing
Session I (P101-P400)

14:00 - 14:28
Auditorium B
Oral presentation of selected posters
Chairperson: Johanne Martel-Pelletier

14:00 - 15:00
EDUCATIONAL LECTURE 1
- How to formulate a research hypothesis? - Ego Seeman

ESCEO SYMPOSIUM
- Algorithm for the management of osteoarthritis in Europe
Chairperson: Olivier Bruyère
- Introduction - Olivier Bruyère
- Why do we need an algorithm for the treatment of osteoarthritis? - Jean-Pierre Pelletier
- Presentation of the ESCEO algorithm - Jean-Yves Reginster
- Discussion - Leader: Cyrus Cooper
Panel: Jaime Branco, María Luisa Brandi, Olivier Bruyère, Cyrus Cooper, Andrea Ildiko Gasparik, Francis Guillemin, John A. Kanis, Johanne Martel-Pelletier, Jean-Pierre Pelletier, Jean-Yves Reginster, René Rizzoli, Stuart Silverman

- Nutrition for musculoskeletal health in postmenopausal women
Chairpersons: Maria Luisa Brandi, Adolfo Diez-Perez, René Rizzoli
- Introduction - Adolfo Diez-Perez
- Prevention of musculoskeletal ageing: interplay of nutrition and exercise - René Rizzoli
- Dairy protein & exercise to promote skeletal muscle anabolism - Luc J. C. van Loon
- Discussion & Take home messages for musculoskeletal health - Leader: Jurgen Bauer
Panel: Adolfo Diez-Perez, Maria Luisa Brandi, Olivier Bruyère, Cyrus Cooper, John A. Kanis, Jean-Yves Reginster, René Rizzoli, John C. Stevenson, Luc J. C. van Loon, Stéphane Walrand

- Challenges with the development of bone forming agents in Europe
Chairpersons: John A. Kanis
- Introduction - John A. Kanis
- Challenges faced by pharmaceutical industry in Europe for the development of bone forming agents - Andreas Grauer
- ESCEO experts consensus for the development of bone forming agents in Europe - John A. Kanis
- Discussion - Leader: John A. Kanis
Panel: John Caminis, Cyrus Cooper, Andreas Grauer, John A. Kanis, Etoh Masaya, Yasuo Nakamura, Florence Petit-Dop, Jean-Yves Reginster, René Rizzoli, Koshi Sakamoto, Yannis Tsouderos

MEET-THE-EXPERT SESSIONS

- Fracture healing: facts and fantasy
Thomas Einhorn

- New molecules against osteoarthritis
Francis Berenbaum

- Hormone replacement therapy in the male
Jean-Marc Kaufman

- Prevention of bone metastases
Eugene McCloskey

15:00 - 16:40
SCIENTIFIC SESSION II
Chairpersons: Cyrus Cooper, Jonathan D. Adachi

15:00 - 15:30
Plenary Lecture 3
- Definition, pathophysiology and management of sarcopenia - Roger Fielding

15:30 - 15:40
Presentation of the IOF Pierre Delmas Award
John A. Kanis

15:40 - 16:40
Oral communications selected from abstracts

17:00 - 18:30
INDUSTRY-SPONSORED SATELLITE SYMPOSIUM
Auditorium A
Management of severe osteoporosis: a call for action
Chairpersons: René Rizzoli, Maria Luisa Brandi
- Introduction - Maria Luisa Brandi
- Severe osteoporosis, state of the art - John A. Kanis
- Why severe osteoporosis is still an unmet medical need? - Cyrus Cooper
- Strontium ranelate as a treatment of severe osteoporosis: an evidence-based efficacy - Jean-Yves Reginster
- Conclusion - René Rizzoli
SCIENTIFIC SESSION III
Chairpersons: María Luisa Brandi, Socrates Papapoulos

09:00 - 09:30
Plenary Lecture 4
- Diabetes, obesity, metabolic syndrome and bone - Serge Ferrari

09:30 - 09:40
Presentation of the ESCEO-MSD Fellowships
Maria Luisa Brandi

09:40 - 10:00
Oral communications selected from abstracts

10:00 - 10:30
Plenary Lecture 5
- Extraskeletal effects of Vitamin D - Bess Dawson-Hughes

10:30 - 11:50
Oral communications selected from abstracts

12:15 - 13:45
INDUSTRY-SPONSORED LUNCH SYMPOSIUM
Innovative Therapeutic Strategies for Patients with Osteoporosis and Fragility Fractures
Chairperson: Adolfo Diez-Perez
- Welcome & Introduction - Adolfo Diez-Perez
- Role of bone quality parameters in the reduction of fragility fractures incidence - Adolfo Diez-Perez
- Effects on bone tissue of bone forming versus antiresorptive treatments for patients with osteoporotic fractures - Erik Fink Eriksen
- Combination or sequential treatment of patients with severe osteoporosis: pros and cons - Jacques P. Brown
- Closing Remarks - Adolfo Diez-Perez

ESCEO SYMPOSIUM
Inside the benefit-risk ratio of osteoporosis treatments: a global overview
Chairperson: Jean-Yves Reginster
- Introduction - Jean-Yves Reginster
- Selective estrogen receptor modulators: Raloxifene and Bazedoxifene - Jean-Marc Kaufman
- Anti-resorptive treatments: Bisphosphonates and Denosumab - Serge Ferrari
- Strontium Ranelate - Cyrus Cooper
- Peptides of the parathyroid hormone family: PTH and Teriparatide - Roland Chapurlat
- Discussion and Wrap-up - Leader: Jean-Yves Reginster
Panel: Maria Luisa Brandi, Roland Chapurlat, Cyrus Cooper, Serge Ferrari, John A. Kanis, Jean-Marc Kaufman, Jean-Yves Reginster, René Rizzoli
Poster Area

**Session II (P401-P750)**

14:00 - 14:28
Oral presentation of selected posters
Chairperson: Johanne Martel-Pelletier

14:00 - 15:00
MEET-THE-EXPERT SESSIONS
- **Risks/benefits of calcium and/or Vitamin D**
  - Peter R. Ebeling
  - Madrid A
- **Bariatric surgery and bone**
  - Nicholas Harvey
  - Madrid B
- **Inadequate response in osteoporosis therapy**
  - Adolfo Diaz-Perez
  - Madrid D
- **Prevention of GIOP**
  - Jonathan D. Adachi
  - Madrid E
- **Postmenopausal hormone therapy : risks and benefits**
  - Serge Rozenberg
  - Paris A

ESCEO SYMPOSIUM

Qualitative and quantitative Adverse Reactions induced by treatment of rheumatic disorders with Glucocorticoid
Chairperson: Jean-Pierre Devogelaer
- **Introduction** - Role for glucocorticoids in the management of rheumatic diseases - Willem Lems
- **Skeletal effects of glucocorticoid therapy in rheumatoid arthritis** - Kenneth Saag
- **Non-skeletal effects of glucocorticoid therapy in rheumatoid arthritis** - Pierre Miossec
- **Discussion** - Leader: Jean-Pierre Devogelaer
  - Panel: Maria Luisa Brandi, John Caminis, Roberto Civitelli, Cyrus Cooper, Patrice Cacoub, Jean-Pierre Devogelaer, Adolfo Diaz-Perez, Thomas Einhom, Olivier Ethgen, Jean-Marc Kaufman, John A. Kanis, Andrea Laslop, Willem Lems, Eugene McCluskey, Pierre Miossec, Jean-Yves Reginster, Susanne Reiter-Niesert, Johann D. Ringe, René Rizzoli, Kenneth Saag, Yannis Tsouderos

ESCEO-EUGMS SYMPOSIUM

Can we identify which patients should be treated in osteoarthritis?
Chairpersons: Olivier Bnyère, Gabriel Herrero-Beaumont
- **Welcome** - Olivier Bnyère
- **Introduction** - Nigel K. Arden
- **Physiopathology and Risk factors for Progression** - Francis Berenbaum
- **Approach to substratification of the treatment of osteoarthritis** - Tim McAlindon
- **Discussion** - Leader: Stefania Maggi

OSTEONECROSIS OF THE JAW TASKFORCE : IOF INTERNATIONAL CONSENSUS
Chairpersons: Cyrus Cooper, René Rizzoli
- **Introduction and background** - Cyrus Cooper
- **Pathophysiology** - Juliet Compton
- **Incidence, diagnosis and staging** - Aliya Khan
- **Advances in management** - Archie Morrison
09:00 - 11:50

**SCIENTIFIC SESSION V**

Chairpersons: René Rizzoli, Jorge Benito Cannata Andia

09:00 - 09:30

**Plenary Lecture 7**

- PTH and bone: lessons from hypoparathyroidism therapy
  - Roberto Civitelli

09:30 - 09:40

**Presentation of the IOF Olof Johnell Science Award**

René Rizzoli

09:40 - 10:00

**Oral communications selected from abstracts**

Auditorium B

10:00 - 10:30

**Plenary Lecture B**

- How long can bone turnover be suppressed?
  - Socrates Papapoulos

10:30 - 11:50

**Oral communications selected from abstracts**

12:15 - 13:45

**INDUSTRY-SPONSORED LUNCH SYMPOSIUM**

Auditorium B

**Interactive Discussion on the Management of Osteoporosis:**

**Signaling a Change in the Conversation**

Chairperson: Esteban Jodar

- Welcome & Opening Remarks - Esteban Jodar
- Long Term Treatment of Osteoporosis: The Risk Benefit Equation - Solomon Epstein
- The Role of Cathepsin K in Bone Homeostasis - Serge Ferrari
- New Approaches to the Treatment of Osteoporosis - Felicia Cosman
- Question & Answer Session

14:00 - 15:00

**MEET-THE-EXPERT SESSIONS**

**- Management of osteoporosis in Latin America**
  - Jose R. Zanchetta, Cristiano Zerbin
  - Madrid A

**- Management of osteoporosis in Middle East**
  - Basel Masri, Gemma Adib
  - Madrid B

**- Responders in osteoarthritis treatment**
  - Olivier Bruyère
  - Madrid D

**- Advanced bone imaging in osteoporosis assessment**
  - Harry K. Genant
  - Madrid E

**- Management of Osteoporosis in Patients with Rheumatoid Arthritis**
  - Willem Lems
  - Paris A

**ESCEO SYMPOSIAS**

**- Goal oriented treatment in Osteoporosis**
  - Chairpersons: John A. Kanis, Jaime Branco
  - Introduction - Serge Ferrari
  - Lessons from other disease areas - Eugene McCloskey
  - Lessons from osteoporosis - Jean-Marc Kaufman
  - Discussion - Leader: John A. Kanis
  - Panel: Jaime Branco, Maria Luisa Brandi, John Caminis, Cyrus Cooper, Elaine M. Dennison, Jean-Pierre Devogelaer, Andreas Grauer, John A. Kanis, Jean-Marc Kaufman, Eugene McCloskey, Socrates Papapoulos, Jean-Yves Reginster, René Rizzoli, Serge Ferrari

**- Consideration and proposal for defining a reference case for economic evaluation in osteoarthritis**
  - Chairpersons: Mickaël Hiligsmann, Cyrus Cooper
  - Which comparators and outcome measures should we use?
    - Peter Tugwell
  - Which costs and methods should we use?
    - Francis Guillemin
  - Discussion - Leader: Peter Tugwell
  - Panel: Nigel K. Arden, Francis Berenbaum, Annelies Boonen, Jaime Branco, Maria Luisa Brandi, Olivier Bruyère, Cyrus Cooper, Andrea Eldiko Gasparik, Francis Guillemin, Mickaël Hiligsmann, John A. Kanis, Andrea Laslop, Jean-Pierre Pelletier, Florence Petit-Dop, Daniel Pinto, Jean-Yves Reginster, Susanne Reiter-Niesert, René Rizzoli, Lucio C. Rovati, Stuart Silverman, Yannis Tsouderos, Peter Tugwell, Rafael Pinedo-Villanueva

**ESCEO-FIRMO SYMPOSIUM**

**- Gaucher Disease: A rare disease that often affects bone**
  - Ari Zimran
  - test - Jérôme Gillard
  - Bruno Bembi
  - Maria Luisa Brandi
  - John A. Kanis
  - Jean-Yves Reginster
  - René Rizzoli
  - Art Zimran
  - Chairperson: Maria Luisa Brandi
  - Introduction - Maria Luisa Brandi
  - Gaucher disease - What a non-Gaucher expert should be aware of
    - Ari Zimran
  - Gaucher disease - What we know and can do about bone in Gaucher disease; the unmet scientific questions.
    - Bruno Bembi
  - Discussion - Leader: Maria Luisa Brandi
**Wednesday, April 2**

18:55 - 19:55  
**SERVIER HONORARY LECTURE**  
Casino de la Exposición  
- The mammalian circadian timing system: how clocks talk to each other  
- Ueli Schibler

20:10 - 21:10  
**WELCOME COCKTAIL COURTESY OF ROTTAPHARM | MADAUS**  
Casino de la Exposición

**Thursday, April 3**

12:15 - 13:45  
**ALEXION LUNCH SYMPOSIUM**  
Auditorium B  
*Hypophosphatasia: evolving our understanding of this serious and complex disease*  
Chairperson: Maria Luisa Brandi  
- What we should all know about HPP - Etienne Momert  
- HPP: clinical perspectives - Gabriel Angel Martos Moreno  
- HPP and Osteoporosis - what are the links? - Richard Eastell  
- HPP: an evolving disease landscape - Maria Luisa Brandi

**ROTTAPHARM | MADAUS LUNCH SYMPOSIUM**  
Auditorium A  
*Efficacy and utility of glucosamine sulfate and hyaluronic acid in the management of osteoarthritis*  
Chairperson: Roy D. Altman  
- Critical review and interpretation of the newest meta-analyses of intra-articular hyaluronate for knee osteoarthritis - Emmanuel Maheu  
- Crystalline glucosamine sulfate is the only SYSADOA that decreases consumption of NSAIDs in knee osteoarthritis: results from the PEGASUS cohort - Lucio C. Rovati  
- Disease modification in knee osteoarthritis with oral glucosamine sulfate or intra-articular hyaluronic acid: a review of the current evidence - Roy D. Altman

17:00 - 18:30  
**SERVIER SATELLITE SYMPOSIUM**  
Auditorium A  
*Management of severe osteoporosis: a call for action*  
Chairpersons: René Rizzoli, María Luisa Brandi  
- Introduction - María Luisa Brandi  
- Severe osteoporosis, state of the art - John A. Kanis  
- Why severe osteoporosis is still an unmet medical need - Cyrus Cooper  
- Strontium ranelate as a treatment of severe osteoporosis: an evidence-based efficacy - Jean-Yves Reginster  
- Conclusion - René Rizzoli

**Friday, April 4**

12:15 - 13:45  
**ELI LILLY LUNCH SYMPOSIUM**  
Auditorium B  
*Innovative Therapeutic Strategies for Patients with Osteoporosis and Fragility Fractures*  
Chairperson: Adolfo Diez-Perez  
- Welcome & Introduction - Adolfo Diez-Perez  
- Role of bone quality parameters in the reduction of fragility fractures incidence - Adolfo Diez-Perez  
- Effects on bone tissue of bone forming versus antiresorptive treatments for patients with osteoporotic fractures - Erik Fink Eriksen  
- Combination or sequential treatment of patients with severe osteoporosis: pros and cons - Jacques P. Brown  
- Closing Remarks - Adolfo Diez-Perez

17:00 - 18:30  
**AMGEN SATELLITE SYMPOSIUM**  
Auditorium A  
*Treatment needs in postmenopausal osteoporosis*  
Chairperson: Adolfo Diez-Perez  
- Welcome & Introduction - Adolfo Diez-Perez  
- Current challenges in the management of postmenopausal osteoporosis - Eugene McCloskey  
- Which patients benefit the most from current treatments? - Santiago Palacios  
- Long-term therapy: How long? - Serge Ferrari  
- Panel Discussion

**Saturday, April 5**

12:15 - 13:45  
**MSD LUNCH SYMPOSIUM**  
Auditorium B  
*Interactive Discussion on the Management of Osteoporosis: Signaling a Change in the Conversation*  
Chairperson: Esteban Jodar  
- Welcome & Opening Remarks - Esteban Jodar  
- Long Term Treatment of Osteoporosis: The Risk Benefit Equation - Solomon Epstein  
- The Role of Cathepsin K in Bone Homeostasis - Serge Ferrari  
- New Approaches to the Treatment of Osteoporosis - Felicia Cosman  
- Question & Answer Session