

WCO-IOF-ESCEO

WORLD CONGRESS ON OSTEOPOROSIS,
OSTEOARTHRITIS AND MUSCULOSKELETAL DISEASES



International Osteoporosis
Foundation

ESCEO

MALAGA, Spain
2016

PALACIO DE FERIAS
Y CONGRESOS
DE MALAGA

April 14 to 17

CONGRESS
PROGRAMME



www.wco-iof-esceo.org | #OsteoCongress

Organized by Sinklar Conference Management B.V.

CONGRESS INFORMATION

EVENT

April 14-17, 2016

WORLD CONGRESS ON OSTEOPOROSIS,
OSTEOARTHRITIS AND MUSCULOSKELETAL
DISEASES

VENUE

Palacio de Ferias y Congresos de Malaga

Avenida Ortega y Gasset, 201
29006 Malaga, Spain
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www.fycma.com

ORGANIZER

Sinklar Conference Management

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CONGRESS WEBSITE

www.wco-iof-esceo.org

REGISTRATION

	Early Registration < Dec 4, 2015	Pre-registration < Dec 4, 2015 - Mar 4, 2016 >	On Site
IOF Member	735 €	795 €	995 €
Non-Member	795 €	895 €	995 €
Student	250 €	270 €	300 €

Registration cancellation:

within June 30, 2015, 50% of the registration fee will be refunded.

After this date, no refund will be possible for cancellations.

ABSTRACTS

SUBMISSION PERIOD FOR ABSTRACTS

October 1, 2015 to January 15, 2016

NOTIFICATION TO THE CONTRIBUTORS

February 5, 2016

ACCREDITATIONS

EUROPEAN

The WCO-IOF-ESCEO Malaga 2016 Congress was granted 15 European CME credits (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME).

AMERICAN

EACCME credits can be converted to AMA credits for American delegates.

BELGIAN

The WCO-IOF-ESCEO Malaga 2016 Congress was granted 3 Belgian CME credits (INAMI/RIZIV) under the numbers 15025422, 15025901, 15025420 in category 6 "Ethics & Economy" and 12 Belgian CME credits under the number 15024840 in category 4 "International meeting".

ITALIAN

Italian Accreditation is in process



SCIENTIFIC INFORMATION

CONGRESS CHAIRMEN

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ESCEO President

John A. KANIS

IOF President

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Cyrus COOPER

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René RIZZOLI

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WCO-IOF-ESCEO Florence

2017

WORLD CONGRESS ON
OSTEOPOROSIS,
OSTEOARTHRITIS AND
MUSCULOSKELETAL DISEASES

March 23rd - 26th, 2017

Fortezza da Basso
Florence, Italy



International Osteoporosis
Foundation



THURSDAY APRIL 14 - Teatro Cervantes

Calle Ramos Marín, S/N | 29012 Málaga

17.30 - 20.05

Teatro Cervantes

WCO-IOF-ESCEO - OPENING CEREMONY

Chairpersons: John A. Kanis, Jean-Yves Reginster

17.30

Teatro Cervantes

Introduction of Professor René Rizzoli

Vincenzo Malafarina (Spain)

17.35

Teatro Cervantes

Best clinical papers published in 2015

René Rizzoli

18.35

Teatro Cervantes

Opening of the meeting

Cyrus Cooper

18.40

Teatro Cervantes

Regulatory perspectives of the development of drugs to be used in the management of frailty and sarcopenia

Francesca Cerreta (European Medicines Agency – London)

18.55

Teatro Cervantes

Rethinking healthy ageing and the concept of functioning

Islene Araujo de Carvalho (World Health Organization – Geneva)

19.10

Teatro Cervantes

Introduction of José Lebrero Stals (Artistic Director of the Picasso Museum)

José Antonio López Trigo (President of the Spanish Society of Geriatrics and Gerontology)

19.15

Teatro Cervantes

HONORARY LECTURE

Expression of human body in Picasso's work

José Lebrero Stals (Artistic Director, Picasso Museum Malaga)

19.45

Teatro Cervantes

Presentation of the 2016 ESCEO Medal of Excellence

Jean-Yves Reginster

19.55

Teatro Cervantes

Presentation of the ESCEO-IOF Herbert Fleisch Medal

Jean-Yves Reginster

20.05 - 21.05

Teatro Cervantes

INDUSTRY-SPONSORED WELCOME COCKTAIL

FRIDAY APRIL 15 - FYCMA (Palacio de Ferias y Congresos)

08.00 - 09.00

NON-SPONSORED SYMPOSIA

Meeting Room 1

Preventing future fractures: implementing Fracture Liaison Services throughout the UK

Chairperson: Henry Mace

- *Model of support for FLS development* - Henry Mace
- *Quality improvement* - Jo Sayer
- *Socioeconomic costs and benefits* - Tim Jones

Meeting Room 2

Evaluation of Fracture Risk: beyond DXA and BTMs

Chairperson: Serge Ferrari

- *Distal bone microstructure* - Emmanuel Biver
- *Circulating bone regulatory proteins (Sost, Rankl, postn, ...) - Roland D. Chapurlat*
- *Falls risk assessment* - Andrea Trombetti

Meeting Room 3

Physical activity in treatment and prevention of osteoporosis

Chairperson: Mark Lissens

- *Introduction* - Mark Lissens
- *Importance of physical activity in primary, secondary and tertiary prevention of osteoporosis* - Olivier Bruyère
- *Can exercise interventions designed to reduce falls improve bone quality* - Tash Masud
- *Specific anti-osteoporotic interventions in patients entering various types of rehabilitation programmes* - Daniel Uebelhart

Meeting Room 4

Bioactive Collagen Peptides for the Maintenance and Improvement of Musculoskeletal Health

Chairperson: Stephan Scharla

- *Welcome and introductory presentation* - Stephan Scharla
- *Osteoarthritis / Osteoporosis* - Steffen Oesser
- *Sarcopenia* - Daniel König

Meeting Room 5

Inflammatory arthritis and bone health

Chairperson: Elaine M. Dennison

- *Welcome & Introduction* - Elaine M. Dennison
- *Gout and bone health* - Bo Abrahamsen
- *HIV arthritis and bone health* - Karen Walker-Bone
- *Novel ways of assessing the relationship between inflammatory arthritis and bone* - Mark H. Edwards
- *Discussion* - Elaine M. Dennison

09.00 - 12.10

Auditorium 1

SCIENTIFIC SESSION I

Chairpersons: John A. Kanis, Jean-Yves Reginster

09.00

Auditorium 1

Plenary Lecture 1

- *The Qualities of Bone and Fracture Risk* - Ego Seeman

09.30

Auditorium 1

Oral communications selected from abstracts

09.30

Auditorium 1

OC1

EFFECTS OF ABALOPARATIDE ON VERTEBRAL, NONVERTEBRAL, MAJOR OSTEOPOROTIC AND CLINICAL FRACTURE INCIDENCE IN POSTMENOPAUSAL WOMEN WITH OSTEOPOROSIS: RESULTS OF THE PHASE 3 ACTIVE TRIAL

Presenting author: L. A. Fitzpatrick

Authors: P. Miller, F. Cosman, D. Black, E. Lau, C. A. F. Zerbini, B. J. Riis, C. Christiansen, G. Williams, M. Y. Hu, G. Hattersley

09.40

Auditorium 1

OC2

EIGHTEEN MONTHS OF TREATMENT WITH ABALOPARATIDE FOLLOWED BY SIX MONTHS OF TREATMENT WITH ALENDRONATE IN POSTMENOPAUSAL WOMEN WITH OSTEOPOROSIS: RESULTS OF THE ACTIVEXTEND TRIAL

Presenting author: S. Ferrari

Authors: F. Cosman, P. Miller, G. Hattersley, G. Williams, M. Y. Hu, B. J. Riis, C. Christiansen, L. A. Fitzpatrick

09.50

Auditorium 1

OC3

SUPERIOR GAINS IN BONE MINERAL DENSITY AND ESTIMATED STRENGTH AT THE HIP FOR ROMOSOZUMAB COMPARED WITH TERIPARATIDE IN WOMEN WITH POSTMENOPAUSAL OSTEOPOROSIS TRANSITIONING FROM BISPHOSPHONATE THERAPY: RESULTS OF THE PHASE 3 OPEN-LABEL STRUCTURE STUDY

Presenting author: J. Malouf

Authors: B. L. Langdahl, C. Libanati, D. B. Crittenden, M. A. Bolognese, J. P. Brown, N. S. Daizadeh, E. Dokoupilova, K. Engelke, J. S. Finkelstein, H. K. Genant, S. Goemaere, L. Hyldstrup, E. Jodar-Gimeno, T. M. Keaveny, D. L. Kendler, P. L. Lakatos, J. Maddox, F. E. Massari, J. F. Molina, M. R. Ulla, A. Grauer

FRIDAY APRIL 15 - FYCMA (Palacio de Ferias y Congresos)

10.00

Auditorium 1

OC4

A RANDOMIZED DOUBLE-BLIND STUDY OF DENOSUMAB (DMAB) COMPARED WITH ZOLEDRONIC ACID (ZOL) IN POSTMENOPAUSAL WOMEN WITH OSTEOPOROSIS PREVIOUSLY TREATED WITH ORAL BISPHOSPHONATES

Presenting author: J. Malouf

Authors: P. Miller, N. Pannacciulli, J. P. Brown, E. Czerwinski, B. S. Nedergaard, M. A. Bolognese, H. G. Bone, J.-Y. Reginster, A. Singer, C. Wang, R. B. Wagman, S. Cummings

10.10

Auditorium 1

OC5

THE PHASE 3 COMPARISON OF RALOXIFENE AND LASOFOXIFENE (CORAL) TRIAL: CHANGES IN BONE MARKERS AND BONE MINERAL DENSITY

Presenting author: M. R. McClung

Authors: J. Symons, D. Portman

10.20

Auditorium 1

OC6

A RANDOMIZED CONTROLLED TRIAL OF SCREENING IN THE COMMUNITY TO REDUCE FRACTURES IN OLDER WOMEN IN THE UK (THE SCOOP STUDY)

Presenting author: L. Shepstone

Authors: E. Lenaghan, S. Clarke, R. Fordham, N. Gittoes, I. Harvey, R. Holland, A. Howe, T. Marshall, E. McCloskey, T. Peters, J. A. Kanis, T. W. O'Neill, D. Torgerson, C. Cooper

10.30

Auditorium 1

Plenary Lecture 2

- Offset of fracture risk after treatment cessation, a base for transient treatment interruption -

Eugene McCloskey

11.00

Auditorium 1

Presentation of the ESCEO-MSD Fellowships

Cyrus Cooper, Anne De Papp

11.10

Auditorium 1

Oral communications selected from abstracts

11.10

Auditorium 1

OC7

EFFECT OF ODANACATIB ON BONE DENSITY AND ESTIMATED BONE STRENGTH IN POSTMENOPAUSAL WOMEN: A CT-BASED SUBSTUDY OF THE PHASE 3 LONG-TERM ODANACATIB FRACTURE TRIAL (LOFT)

Presenting author: K. Engelke

Authors: B. L. Langdahl, T. DeVilliers, T. M. Keaveny, H. K. Genant, S. Ather, H. Giezek, A. Lombardi, A. Leung, A. De Papp

11.20

Auditorium 1

OC8

PREVENTING BONE LOSS UPON STOPPING DENOSUMAB THERAPY: FINDINGS FROM TWO CLINICAL STUDIES

Presenting author: M. R. McClung

Authors: P. Miller, D. L. Kendler, N. Pannacciulli, A. Wang, R. B. Wagman, S. Ferrari

11.30

Auditorium 1

OC9

PRIOR EXPOSURE TO BISPHOSPHONATES PREVENTS THE REBOUND OF BONE TURNOVER MARKERS AFTER DENOSUMAB THERAPY

Presenting author: B. Uebelhart

Authors: R. Rizzoli, S. Ferrari

11.40

Auditorium 1

OC10

EFFECT OF INVESTIGATIONAL TREATMENT ABALOPARATIDE FOR PREVENTION OF MAJOR OSTEOPOROTIC FRACTURE OR ANY FRACTURE IS NOT ALTERED BY BASELINE FRACTURE PROBABILITY

Presenting author: E. McCloskey

Authors: N. C. Harvey, A. Odén, H. Jiang, S. Modin, L. A. Fitzpatrick, J. A. Kanis, H. Johansson

11.50

Auditorium 1

OC11

BONE'S MICROSTRUCTURE AND MATERIAL COMPOSITION ARE COMPROMISED IN WOMEN SUFFERING ATYPICAL FEMORAL FRACTURES DURING ANTIRESORPTIVE THERAPY

Presenting author: E. Seeman

Authors: R. Zebaze, A. Chiang, H. Nguyen, A. Ghasem-Zadeh, M. Belen Zanchetta, J. R. Zanchetta, P. R. Ebeling

12.00

Auditorium 1

OC12

RISK FOR HIP FRACTURE TEN YEARS BEFORE AND AFTER TOTAL KNEE REPLACEMENT SURGERY IN THE ENTIRE SWEDISH POPULATION

Presenting author: C. H. Vala

Authors: J. Kärrholm, S. Sten, M. Karlsson, V. Sundh, M. Lorentzon, D. Mellström

12.15 - 13.45

Auditorium 1

INDUSTRY-SPONSORED LUNCH SYMPOSIUM

12.15 - 13.45

Auditorium 2

INDUSTRY-SPONSORED LUNCH SYMPOSIUM

FRIDAY APRIL 15 - FYCMA (Palacio de Ferias y Congresos)

14.00 - 15.00

Conference Room 2.2

EDUCATIONAL LECTURE

Conference Room 2.2

The ABC of writing a manuscript

Ego Seeman

14.00 - 15.00

Poster Area

Poster Viewing Session I (P100-P450)

14.00 - 15.10

Podium

Oral presentation of selected posters

Chairperson: Johanne Martel-Pelletier

14.00

Podium

P915

ACCUMULATED QUALITY OF LIFE LOSS 36 MONTHS AFTER VERTEBRAL AND DISTAL FOREARM FRACTURE: RESULTS FROM ICUROS IN LITHUANIA

Presenting author: M. Tamulaitiene

Authors: V. Alekna, F. Borgström, V. Sinkeviciene, A. Svedbom, R. Stukas, J. A. Kanis

14.07

Podium

P836

VERTEBRAL FRACTURE RISK: ALENDRONATE TREATMENT ENHANCES ANTERIOR MICROSTRUCTURE IN OSTEOPOROTIC VERTEBRAE

Presenting author: A. vom Scheidt

Authors: M. Krause, K. Püschel, M. Amling, B. Busse

14.14

Podium

P829

CATHEPSIN K KNOCKOUT IMPROVES BONE MASS AND SUPPRESSES LONG BONE FRACTURES IN THE OSTEOGENESIS IMPERFECTA MOUSE MODEL (OIM)

Presenting author: T. Roels

Authors: J.-P. Devogelaer, L. T. Duong, M. Cardinal, C. Behets, D.H. Manicourt

14.21

Podium

P822

LOW-COST AND EFFICIENT FINITE ELEMENT ANALYSIS OF BONE FOR HIGH-RESOLUTION PERIPHERAL QUANTITATIVE COMPUTED TOMOGRAPHY DATA

Presenting author: L. Warren

Authors: M. H. Edwards, Z. Au, K. A. Ward, E. M. Dennison, C. Cooper, P. Schneider

14.28

Podium

P690

IMPACT OF FRACTURE RISK ASSESSMENT TOOLS ON PROPORTIONS OF WOMEN WITHOUT PRIOR FRACTURE IDENTIFIED AT RISK AND TREATED – LESSONS FROM THE SIGN GUIDANCE

Presenting author: E. McCloskey

Authors: J. E. Compston, C. Cooper, N. C. Harvey, H. Johansson, A. Odén, J. A. Kanis

14.35

Podium

P492

POST-FRACTURE CARE: DO WE NEED TO EDUCATE THE PATIENTS RATHER THAN THE DOCTORS? THE PREVOST RANDOMIZED CONTROL TRIAL

Presenting author: B. Merle

Authors: R. D. Chapurlat, E. Vignot, T. Thomas, J. Haesebaert, A.-M. Schott

14.42

Podium

P373

REBOUND-ASSOCIATED VERTEBRAL FRACTURES AFTER DENOSUMAB DISCONTINUATION: A SERIES OF 8 WOMEN WITH 35 SPONTANEOUS VERTEBRAL FRACTURES.

Presenting author: O. Lamy

Authors: D. Stoll, E. Gonzalez Rodriguez, D. Hans, B. Aubry-Rozier

14.49

Podium

P155

HOW DOES THE INITIAL SLOPE OF THE VARIOGRAM, THE TEXTURAL BASIS OF THE TRABECULAR BONE SCORE, PREDICT VERTEBRAL STRENGTH?

Presenting author: P. K. Zysset

Authors: G. Maquer, Y. Lu, E. Dall'Ara, X. Chevalier, M. Krause, L. Yang, R. Eastell, K. Lippuner

14.56

Podium

P148

THE WNT-INACTIVATING LIPASE NOTUM AS A NOVEL ANABOLIC OSTEOPOROSIS DRUG TARGET

Presenting author: R. Brommage

Authors: A. Y. Thompson, M. K. Shadoan, J. Liu, S. Jeter-Jones, J. Ciu, D. G. Potter, D. Bright, F. Msee, J. P. Bardenhagan, G. M. Hansen, P. Vogel, J. E. Tarver, B. Zambrowicz, Q. Liu, D. R. Powell

15.03

Podium

P105

THE IMPACT OF VITAMIN D, CALCIUM, PROTEIN SUPPLEMENTATION, AND PHYSICAL EXERCISE ON BONE METABOLISM AFTER BARIATRIC SURGERY: THE BABS STUDY

Presenting author: H. Resch

Authors: C. Muschitz, R. Kocijan, J. Haschka, A. Zendeli, T. Pirker, G. Muschitz, P. Pietschmann

FRIDAY APRIL 15 - FYCMA (Palacio de Ferias y Congresos)

14.00 - 15.00

MEET-THE-EXPERT SESSIONS

Meeting Room 1

General management of osteoarthritis patients
Burkhard Leeb

Meeting Room 2

Cancer bone disease
Socrates Papapoulos

Meeting Room 3

Management of glucocorticoid-induced osteoporosis
Karel Pavelka

Meeting Room 4

Effective control of inflammatory arthritis
Tore Kvien

Meeting Room 5

Hand osteoarthritis: imaging and management
Emmanuel Maheu

14.00 - 15.00

ESCEO SYMPOSIA

Conference Room 2.1

Critical analysis of currently available orthopaedic procedures to increase bone mass, structure and strength through intra-osseous interventions

Chairpersons: Andreas Kurth, Dominique Pioletti

- *Welcome and scope of the problem* - Serge Ferrari
 - *Current and new tools to assess hip bone strength* - Philippe K. Zysset
 - *Challenges and opportunities for drug therapies in preventing hip fractures* - Serge Ferrari
 - *Currently available orthopaedic procedures for bone enhancement* - Andreas Kurth
 - *Discussion - Leader* - Maria Luisa Brandi
 - *Wrap-up* - Serge Ferrari
 - *Adjournment of the meeting* - John A. Kanis
- Panel: Maria Luisa Brandi, Serge Ferrari, John A. Kanis, Andreas Kurth, Andrea Laslop, Socrates Papapoulos, Dominique Pioletti, Jean-Yves Reginster, René Rizzoli, Philippe K. Zysset

Auditorium 2

ESCEO algorithm for the treatment of osteoarthritis – From evidence-based medicine to real-life setting

Chairpersons: Jean-Pierre Pelletier, Cyrus Cooper

- *Welcome address* - Jean-Yves Reginster
 - *Efficacy and safety of glucosamine sulfate in the management of osteoarthritis: evidence from real-life setting trials and surveys* - Jean-Yves Reginster
 - *Efficacy and safety of oral and topical NSAIDs plus analgesics in the management of osteoarthritis: evidence from real-life setting trials and surveys* - Jean-Pierre Pelletier
 - *Efficacy and safety of hyaluronic acid in the management of osteoarthritis: evidence from real-life setting trials and surveys* - François Rannou
 - *Discussion leaders* - Olivier Bruyère, Jaime Branco
 - *Wrap-up and conclusions* - Cyrus Cooper
- Panel: Jaime Branco, Maria Luisa Brandi, Olivier Bruyère, Cyrus Cooper, John A. Kanis, Tore Kvien, Emmanuel Maheu, Johanne Martel-Pelletier, Jean-Pierre Pelletier, François Rannou, Jean-Yves Reginster, René Rizzoli

15.00 - 17.00

Auditorium 1

SCIENTIFIC SESSION II

Chairpersons: Maria Luisa Brandi, René Rizzoli

15.00

Auditorium 1

Plenary Lecture 3

- *Successful musculoskeletal ageing* - Jonathan D. Adachi

15.30

Auditorium 1

Presentation of the IOF President's Awards

John A. Kanis

15.40

Auditorium 1

Oral communications selected from abstracts

15.40

Auditorium 1

OC13

CORTICAL POROSITY IDENTIFIES WOMEN WITHOUT OSTEOPOROSIS SUFFERING FRAGILITY FRACTURES: THE PROSPECTIVE OFELY STUDY

Presenting author: S. Boutroy

Authors: R. Zebaze, E. Sornay-Rendu, E. Seeman, R. D. Chapurlat

FRIDAY APRIL 15 - FYCMA (Palacio de Ferias y Congresos)

15.50

Auditorium 1

OC14

*BONE MATERIAL STRENGTH INDEX IN PATIENTS
WITH LOW BONE MASS AND FRAGILITY FRACTURES*

Presenting author: F. Malgo

Authors: S. Papapoulos, N. A. T. Hamdy,
N. M. Appelman-Dijkstra

16.00

Auditorium 1

OC15

*RISK AND PREDICTORS OF SUBSEQUENT
FRACTURES AFTER AN ATYPICAL FEMORAL
FRACTURE*

Presenting author: E. Biver

Authors: M.-C. Audet, R. Peter, R. Meier, D. Uebelhart,
T. Chevalley, K. I. Lorenzini, R. Rizzoli, S. Ferrari

16.10

Auditorium 1

OC16

*LONGITUDINAL CHANGES IN BONE STRUCTURE AS
ASSESSED BY PERIPHERAL QUANTITATIVE
COMPUTED TOMOGRAPHY AND RELATIONSHIPS
WITH MUSCLE HEALTH IN OLDER MEN AND WOMEN*

Presenting author: M. H. Edwards

Authors: K. A. Ward, K. Jameson, E. M. Dennison, C. Cooper

16.20

Auditorium 1

OC17

*RELATIONSHIP BETWEEN TOTAL HIP BMD T-SCORE
AND INCIDENCE OF NONVERTEBRAL FRACTURE
WITH UP TO 10 YEARS OF DENOSUMAB (DMAB)
TREATMENT*

Presenting author: S. Ferrari

Authors: S. Adami, J. P. Brown, F. Cosman, E. Czerwinski,
L. H. De Gregório, J. Malouf, J.-Y. Reginster, N. S. Daizadeh,
A. Wang, R. B. Wagman, E. M. Lewiecki

16.30

Auditorium 1

Plenary Lecture 4

- *Clinical guidelines for the management of
osteoarthritis* - Cyrus Cooper

17.00 - 18.30

Auditorium 2

INDUSTRY-SPONSORED SATELLITE SYMPOSIUM

17.00 - 18.30

Auditorium 1

INDUSTRY-SPONSORED SATELLITE SYMPOSIUM

SATURDAY APRIL 16 - FYCMA (Palacio de Ferias y Congresos)

08.00 - 09.00

NON-SPONSORED SYMPOSIA

Meeting Room 1

Cancer treatment induced bone loss (CTIBL) in women with breast cancer

Chairpersons: Peyman Hadji, René Rizzoli

- *Risk factors for fractures in women with breast cancer* - Jean-Jacques Body
- *Current treatment guidelines and intervention options* - Peyman Hadji
- *Additive effects of antiresorptive treatments beyond osteoporosis* - Robert E. Coleman

Meeting Room 2

The clinical value of bone turnover marker assays: latest developments from the IFCC-IOF working group and NBHA

Chairperson: Robert Gagel

- *Welcome* - Robert Gagel
- *Pathophysiology and variability of bone turnover markers* - Howard Morris
- *Standard reference markers – clinical role and research goals for harmonization and standardization* - Stuart Silverman
- *IOF and IFCC harmonization of bone turnover markers* - Howard Morris
- *NBHA bone turnover marker standardization project* - Stuart Silverman
- *Question and answer session* - Robert Gagel
- *Conclusion* - Robert Gagel

Meeting Room 3

DXA Pitfalls and Tips: FRAX and TBS Integration into acquisition and analysis routine

Chairperson: Bruno Muzzi Camargos

- *Dual X-Ray absorptiometry basic principles* - Ben-Hur Albergaria
- *FRAX* - Cristiano A. F. Zerbini
- *TBS* - Bruno Muzzi Camargos

Meeting Room 4

Frailty, Falls and Fractures: identification and treatment of the dysmobility syndrome in older persons

Chairperson: Neil Binkley

- *Muscle and bone interactions: the biology of osteosarcopenia and dysmobility* - Gustavo Duque
- *Potential clinical approaches to the diagnosis of osteosarcopenia/dysmobility* - Neil Binkley
- *Therapeutic interventions for osteosarcopenia: current evidence and future directions* - Cristina Alonso Bouzon

Meeting Room 5

FRAX International experience with an international tool

Chairperson: John A. Kanis

- *Introduction - FRAX in the world today* - John A. Kanis
- *Frax in USA - How FRAX influenced the way clinicians treat osteoporosis* - Michael R. McClung
- *Frax in Latin America - An evaluation of FRAX in Latin America - Should we make calibration for different races?* - Patricia Clark
- *FRAX in Europe - Development and the next steps* - Eugene McCloskey

09.00 - 12.10

Auditorium 1

SCIENTIFIC SESSION III

Chairpersons: Olivier Bruyère, Eugene McCloskey

09.00

Auditorium 1

Plenary Lecture 5

- *Vitamin D, immune response and infection* - Peter R. Ebeling

09.30

Auditorium 1

Presentation of the IOF Medal of Achievement

Cyrus Cooper

09.40

Auditorium 1

Oral communications selected from abstracts

09.40

Auditorium 1

OC18

VITAMIN D MEASUREMENT STANDARDIZATION: THE WAY OUT OF THE CHAOS

Presenting author: N. Binkley

Authors: B. Dawson-Hughes, R. Durazo-Arvizu, M. Thamm, J. Merkel, C. T. Sempes

09.50

Auditorium 1

OC19

DETERMINANTS OF THE MATERNAL RESPONSE TO VITAMIN D SUPPLEMENTATION DURING PREGNANCY: THE MAVIDOS TRIAL

Presenting author: N. C. Harvey

Authors: R. J. Moon, S. D'angelo, S. R. Crozier, I. Schoenmakers, N. J. Bishop, S. Kennedy, A. T. Papageorgiou, R. Fraser, S. V. Gandhi, A. Prentice, C. Cooper, M. K. Javaid

SATURDAY APRIL 16 - FYCMA (Palacio de Ferias y Congresos)

10.00

Auditorium 1

OC20

EFFICACY OF ODANACATIB IN POSTMENOPAUSAL WOMEN WITH OSTEOPOROSIS: SUBGROUP ANALYSES OF DATA FROM THE PHASE 3 LONG-TERM ODANACATIB FRACTURE TRIAL (LOFT)

Presenting author: K. G. Saag

Authors: P. Alexandersen, C.-L. Benhamou, N. Gilchrist, J. Halse, E. M. Lewiecki, K. Lippuner, M. R. McClung, M. Shiraki, C. A. DaSilva, N. Verbruggen, B. B. Scott, A. Lombardi

10.10

Auditorium 1

OC21

DYSMOBILITY SYNDROME AND MORTALITY RISK IN OLDER CHILEAN PEOPLE

Presenting author: C. Albala

Authors: L. Lera, B. Angel, H. Sanchez, C. Marquez, P. Arroyo

10.20

Auditorium 1

OC22

EFFECT OF TREATMENT ON BACK PAIN AND BACK EXTENSOR STRENGTH WITH A SPINAL ORTHOSIS IN ELDERLY WOMEN WITH OSTEOPOROSIS: A RANDOMIZED CONTROLLED TRIAL

Presenting author: K. Kaijser Alin

Authors: A.-L. Grahn Kronhed, E. Uzunel, H. Alinaghizadeh, H. Salminen

10.30

Auditorium 1

OC23

BASELINE AND PERSISTENT KNEE SYMPTOMS ARE INDEPENDENT PREDICTORS OF STRUCTURAL PROGRESSION OF KNEE OSTEOARTHRITIS

Presenting author: J. Martel-Pelletier

Authors: A. J. Teichtahl, F. Cicuttini, Y. Wang, F. Abram, J.-P. Pelletier

10.40

Auditorium 1

Plenary Lecture 6

- Diabetoporosis and fat tissues - Serge Ferrari

11.10

Auditorium 1

Oral communications selected from abstracts

11.10

Auditorium 1

OC24

THE FUTURE PREVALENCE OF SARCOPENIA IN EUROPE

Presenting author: O. Ethgen

Authors: C. Tchokonte, C. Beaudart, F. Buckinx, J.-Y. Reginster, O. Bruyère

11.20

Auditorium 1

OC25

SARCOPENIA DEFINITION PARAMETERS AND INCIDENT DISABILITY

Presenting author: L. A. Schaap

Authors: E. M. Simonsick, A. B. Newman, A. V. Schwartz, P. Caserotti, S. B. Kritchevsky, B. H. Goodpaster, T. B. Harris, M. Visser

11.30

Auditorium 1

OC26

ASSESSMENT OF MUSCLE/LEAN MASS MEASUREMENT: COMPARISON OF METHODS FOR SARCOPENIA DETERMINATION

Presenting author: N. Binkley

Authors: B. Buehring, E. Fidler, Y. Yamada, D. Krueger, M. Shankaran, G. Czerwieniec, C. Fessler, W. Evans, S. Turner, M. Hellerstein, D. Schoeller

11.40

Auditorium 1

OC27

AMONG ADULTS AGED 50-64 YEARS, FRAILTY AND SARCOPENIA ARE IMPORTANTLY ASSOCIATED WITH PREMATURE WORKLESSNESS

Presenting author: K. Walker-Bone

Authors: K. T. Palmer, D. Coggon, S. D'angelo, A. A. Sayer, C. Cooper, C. Linaker, E. C. Harris

11.50

Auditorium 1

OC28

PREVALENCE OF SARCOPENIA IN A POPULATION OF NURSING HOME RESIDENTS ACCORDING TO THEIR FRAILTY STATUS: RESULTS OF THE SENIOR COHORT

Presenting author: F. Buckinx

Authors: J.-Y. Reginster, C. Beaudart, J. L. Croisier, J. Petermans, O. Bruyère

12.00

Auditorium 1

OC29

EVALUATION OF THE INTRA-INDIVIDUAL VARIABILITY OF MYOSTATIN AND ACTIVIN A, TWO BIOMARKERS OF SARCOPENIA: IMPACT ON THE LEAST SIGNIFICANT CHANGE AND FOLLOW-UP OF THE PATIENTS

Presenting author: E. Cavalier

Authors: C. Piron, F. Watar, S. Kovacs, C. Beaudart, F. Buckinx, O. Bruyère, C. Le Goff, J.-Y. Reginster

SATURDAY APRIL 16 - FYCMA (Palacio de Ferias y Congresos)

12.15 - 13.45

Auditorium 1

INDUSTRY-SPONSORED LUNCH SYMPOSIUM

12.15 - 13.45

Auditorium 2

INDUSTRY-SPONSORED LUNCH SYMPOSIUM

14.00 - 15.00

Poster Area

Poster Viewing Session II (P451 and above)

14.00 - 15.10

Podium

Oral presentation of selected posters

Chairperson: Jean-Pierre Devogelaer

14.00

Podium

P899

SUN EXPOSURE, SKIN COLOR AND VITAMIN D STATUS IN ARAB CHILDREN AND ADULTS

Presenting author: Y. Al-Saleh

Authors: N. Al-Daghri, N. Khan, S. Sabico, N. Aljohani, H. Alfawaz, M. Alsulaimani, A. Al-Othman, M. Alokail

14.07

Podium

P311

CALCIUM AND VITAMIN D SUPPLEMENTATION ARE NOT ASSOCIATED WITH INCREASED RISK OF ISCHAEMIC CARDIAC EVENTS: RESULTS FROM UK BIOBANK

Presenting author: N. C. Harvey

Authors: S. D'angelo, J. Paccou, M. H. Edwards, S. E. Petersen, C. Cooper

14.14

Podium

P653

NEW CARTILAGE QUALITY EVALUATION USING CYCLIC NANO INDENTATION: CASE STUDY WITH A TOOL DMOAD COMPOUND ACTIVE IN THE RAT MNX MODEL

Presenting author: C. Lavet

Authors: P. Clement-Lacroix, D. Merciris, S. Meurisse, L. Lespecheux, V. Gaillard, P. Pastoureau, P. Deprez, D. Amantini, P. Ammann

14.21

Podium

P561

REFERENCE POINT MICROINDENTATION FOR SUPPLEMENTING FRACTURE RISK ASSESSMENT AT THE FEMORAL NECK

Presenting author: P. J. Thurner

Authors: T. Jenkins, L. V. Coutts, S. D'angelo, D. G. Dunlop, R. O. C. Oreffo, C. Cooper, N. C. Harvey

14.28

Podium

P438

PRIMARY CULTURES OF HUMAN SKELETAL MUSCLE SATELLITE CELLS: A NOVEL MODEL TO ASSESS SKELETAL MUSCLE CELL DIFFERENTIATION

Presenting author: L. Cianferotti

Authors: C. Romagnoli, M. Vigna, R. Zonefrati, C. Mavilia, G. Galli, M. Innocenti, G. Marcucci, A. Tanini, M. L. Brandi

14.35

Podium

P387

AGE-RELATED TRAJECTORIES OF MUSCLE MASS AND FUNCTION IN ITALIAN COMMUNITY-DWELLERS VISITING THE MILAN EXPO: RESULTS FROM THE VIP STUDY

Presenting author: M. Tosato

Authors: R. Calvani, E. Marzetti, G. Saveria, A. Collamati, A. Sisto, E. Ortolani, A. M. Martone, R. Bernabei, F. Landi

14.42

Podium

P379

ENGLISH TRANSLATION AND CROSS-CULTURAL ADAPTATION OF THE SARQOL® QUESTIONNAIRE

Presenting author: C. Beaudart

Authors: M. H. Edwards, E. M. Dennison, C. Moss, O. Bruyère, J.-Y. Reginster, R. J. Moon, C. Cooper, C. Demoulin

14.49

Podium

P367

SARCOPENIA AND HIGH RISK OF NONVERTEBRAL FRACTURE IN OLDER MEN: THE STRAMBO STUDY

Presenting author: P. Szulc

Author: R. D. Chapurlat

14.56

Podium

P325

MUSCLE MASS PREDICTS INCIDENT FRACTURE IN POSTMENOPAUSAL WOMEN: THE OFELY STUDY

Presenting author: E. Sornay-Rendu

Authors: F. Duboeuf, S. Boutroy, R. D. Chapurlat

15.03

Podium

P250

A COMPARATIVE STUDY OF THE EFFECTS OF PTH FORMULATIONS ON JAPANESE PATIENTS WITH OSTEOPOROSIS

Presenting author: H. Kikuchi

Authors: Y. Itoh, W. Shimada, N. Okada, S. Soen

SATURDAY APRIL 16 - FYCMA (Palacio de Ferias y Congresos)

14.00 - 15.00

ESCEO SYMPOSIA

Conference Room 2.1

Biological and imaging (MRI, DXA,...) markers in the assessment and management of sarcopenia in daily practice

Chairpersons: Yves Rolland, Roger Fielding

- *Welcome and Introduction* - Roger Fielding
- *Evaluation of the sarcopenic patients: The role of primary versus secondary care physicians* - Antonio Cherubini
- *Role of markers in the assessment and management of sarcopenia in daily practice: presentation of the ESCEO Experts Consensus* - Matteo Cesari
- *Discussion - Leader* - Francesco Landi

Panel: Islene Araujo de Carvalho, Jurgen Bauer, Ivan Bautmans, Charlotte Beaudart, Maria Luisa Brandi, Olivier Bruyère, Nansa Burlet, Etienne Cavalier, Francesca Cerreta, Matteo Cesari, Antonio Cherubini, Cyrus Cooper, Alfonso Cruz Jentoft, Roger Fielding, Evelien Gielen, John A. Kanis, Jean-Marc Kaufman, Francesco Landi, Andrea Laslop, Stefania Maggi, Eugene McCloskey, Jean Petermans, Jean-Yves Reginster, René Rizzoli, Yves Rolland, Marjolein Visser

Conference Room 2.2

Diaceirin in the management of osteoarthritis: facts or fantasy

Chairpersons: Jordi Monfort, Karel Pavelka

- *Welcome* - Jordi Monfort
- *Preclinical evidence supporting the mode of action of diaceirin in osteoarthritis* - Johanne Martel-Pelletier
- *Efficacy of diaceirin in the management of osteoarthritis* - Burkhard Leeb
- *Safety and risk/benefit ratio of diaceirin in the management of osteoarthritis* - Jean-Pierre Pelletier
- *Discussion - Leader* - Emmanuel Maheu
- *Conclusions* - Karel Pavelka

Panel: Olivier Bruyère, Cyrus Cooper, John A. Kanis, Burkhard Leeb, Emmanuel Maheu, Johanne Martel-Pelletier, Jordi Monfort, Karel Pavelka, Jean-Pierre Pelletier, Jean-Yves Reginster, René Rizzoli

14.00 - 15.00

MEET-THE-EXPERT SESSIONS (supported by an unrestricted educational grant from UCB Biopharma)

Meeting Room 1

Can we have targets in osteoporosis treatment?
Serge Ferrari

Meeting Room 2

Bone strength assessment for the non-initiated
Philippe K. Zysset

Meeting Room 3

Is Sclerostin an appropriate target for the treatment of osteoporosis?
Michael R. McClung

Meeting Room 4

Post-fracture care
Andreas Kurth

Meeting Room 5

Secondary osteoporosis
Jaime Branco

Meeting Room 6

Rare bone diseases
Maria Luisa Brandi

15.00 - 17.00

Auditorium 1

SCIENTIFIC SESSION IV

Chairpersons: Cyrus Cooper, Jean-Marc Kaufman

15.00

Auditorium 1

Plenary Lecture 7

- *Diet, microbiome and bone* - René Rizzoli

15.30

Auditorium 1

Presentation of the ESCEO-AgNovos Healthcare Young Investigator Awards

Maria Luisa Brandi, James Howe

15.40

Auditorium 1

Oral communications selected from abstracts

15.40

Auditorium 1

OC30

DISTAL RADIUS CORTICAL MICROSTRUCTURE AND CALCULATED STRENGTH PREDICT INCIDENT FRACTURES INDEPENDENTLY OF FRAX IN POSTMENOPAUSAL WOMEN

Presenting author: E. Biver

Authors: C. Durosier, T. Chevalley, B. van Rietbergen, R. Rizzoli, S. Ferrari

SATURDAY APRIL 16 - FYCMA (Palacio de Ferias y Congresos)

15.50

Auditorium 1

OC31

SWEDISH FARMERS HAVE LOWER RISK FOR HIP FRACTURE THAN EXPECTED FROM ECONOMIC STATUS, EDUCATION AND LOCATION

Presenting author: H. Johansson

Authors: C. H. Vala, A. Odén, M. Lorentzon, E. McCloskey, J. A. Kanis, S. Lohmander, J. Kärrholm, D. Mellström

16.00

Auditorium 1

OC32

WITHIN AND ACROSS-SEX INHERITANCE OF BONE MICROARCHITECTURE

Presenting author: S. Ferrari

Authors: J. Pepe, E. Biver, N. Bonnet, T. Chevalley, R. Rizzoli

16.10

Auditorium 1

OC33

IMMINENT FRACTURE RISK IN ELDERLY OSTEOPOROTIC WOMEN: UNDERLYING RELATIONSHIPS BETWEEN RISK FACTORS AND OUTCOME

Presenting author: R. Barron

Authors: D. Weycker, A. Kartashov, J. Edelsberg, J. Lani, A. Grauer, D. B. Crittenden

16.20

Auditorium 1

OC34

FEMORAL NECK BMD IS STILL THE PREFERRED SITE IN THE ASSESSMENT OF HIP FRACTURE IN ELDERLY MEN (10-YEAR FOLLOW-UP OF MROS SWEDEN)

Presenting author: H. Johansson

Authors: A. Odén, M. K. Karlsson, M. Lorentzon, J. A. Kanis, B. Rosengren, D. Mellström, O. Ljunggren, C. Ohlsson, N. C. Harvey, E. McCloskey

16.30

Auditorium 1

Plenary Lecture 8

- Defining sarcopenia - Bess Dawson-Hughes

15.00 - 16.45

Conference Room 2.2

COMMITTEE OF NATIONAL SOCIETIES SPECIAL PLENARY SESSION

| *Advances in Bone, Muscle and Joint Health*

Chairperson: Jean-Yves Reginster

15.03

Conference Room 2.2

OCs1

THE INFLUENCE OF OSTEOPOROSIS ON WELL-BEING IN MEN

Presenting author: D. M. Farcas

Authors: L. Sachelarie, A. I. Gasparik

15.11

Conference Room 2.2

OCs2

CAMURATI-ENGELMANN DISEASE WITH SPINAL CORD COMPRESSION: CASE REPORT AND ASSESSMENT OF BONE MICROARCHITECTURE BY HR-PQCT

Presenting author: C. R. Una

Authors: M. Belen Zanchetta, J. J. Rivero, F. O. Rodriguez, J. R. Zanchetta, O. D. Messina

15.19

Conference Room 2.2

OCs3

REFRACTURE RATE IN FLS IN RIO DE JANEIRO

Presenting author: B. Stolnicki

Authors: R. Galdino, R. Melo, A. Libman, H. Maleh

15.27

Conference Room 2.2

OCs4

EFFECT OF MINODRONATE IN PATIENTS WITH LOW BONE MINERAL DENSITY GAIN WHILE USING OTHER BISPHOSPHONATES

Presenting author: H. H. Hagino

Authors: K. Kita, J. Takada, N. Yamagata, M. Ishii

15.35

Conference Room 2.2

OCs5

HOW MAJOR THALASSEMIA AFFECTS ENDOCRINOLOGICAL, BMD AND BONE METABOLISM PARAMETERS: A CROSS SECTIONAL STUDY

Presenting author: B. Larijani

Authors: Z. Hamidi, A. A. Hamidieh, M. R. Mohajeri-Tehrani, A. Naghghash, M. Behfar, F. Mohseni, K. Alimoghaddam, H. Rashidian, A. Ghavamzadeh, S. Shirazi, M. Pajouhi

15.43

Conference Room 2.2

OCs6

THE REGISTER OF PATIENTS WITH HIP FRACTURES IN YAROSLAVL, RUSSIAN FEDERATION: THE PRELIMINARY ASSESSMENT

Presenting author: O. Ershova

Authors: K. Belova, A. Degtyarev, M. Belov, O. Ganert, M. Romanova, I. Abissova

15.51

Conference Room 2.2

OCs7

THE ASSOCIATIONS BETWEEN FEAR OF FALLING, FUNCTIONAL ABILITY AND MUSCLE MASS IN THE ELDERLY

Presenting author: M. Tamulaitiene

Authors: A. Mastaviciute, A. Versalovic, I. Tamulaityte-Morozoviene, V. Alekna

SATURDAY APRIL 16 - FYCMA (Palacio de Ferias y Congresos)

15.59

Conference Room 2.2

OCs8

*GENDER DIFFERENCES IN PATIENT INVOLVEMENT
IN OSTEOPOROSIS CARE*

Presenting author: A. I. Gasparik

Authors: D. M. Farcas, M. L. Cevei

16.07

Conference Room 2.2

OCs9

*ASSOCIATION BETWEEN LEAN MASS AND
DIETARY PROTEIN INTAKE IN POSTMENOPAUSAL
WOMEN*

Presenting author: V. V. Povoroznyuk

Authors: N. I. Dzerovych, R. V. Povoroznyuk

16.15

Conference Room 2.2

OCs10

*CHANGES IN QUALITY OF LIFE AFTER FRAGILITY
HIP FRACTURES, THAILAND*

Presenting author: T. Sangkomamhang

Author: U. Sangkomamhang

16.23

Conference Room 2.2

OCs11

*THE PREVALENCE OF UNEXPLAINED HBM
AMONGST A DXA POPULATION IN AN
OSTEOPOROSIS REFERENCE CENTRE FROM
ROMANIA*

Presenting author: D. Grigorie

Author: A. Sucaliuc

16.35

Conference Room 2.2

Presentation of the IOF Committee of National
Societies Medal

Jean-Yves Reginster

17.00 - 18.30

INDUSTRY-SPONSORED SATELLITE SYMPOSIUM

17.00 - 18.30

INDUSTRY-SPONSORED SATELLITE SYMPOSIUM

17.00 - 18.30

Meeting Room 7

ESCEO-IOF-EUGMS-ESPEN SYMPOSIUM - by invitation only

Cohort working group

18.30 - 19.30

Cocktail offered by IOF and ESCEO to all recipients
of prizes, awards, fellowships and scholarships - by
invitation only

SUNDAY APRIL 17 - FYCMA (Palacio de Ferias y Congresos)

08.00 - 09.00

NON-SPONSORED SYMPOSIA

Meeting Room 1

Muscular training for patients with vertebral fractures

Chairperson: Dan Mellström

- *Vertebral fractures in an orthopaedic perspective* - Paul Gerdhem
- *Sarcopenia and osteoporosis – the hazardous duo* - Tommy Cederholm
- *Vertebral fractures in an osteoporotic perspective, symptoms and what to do* - Ingrid Bergström
- *Training program presentation* - Anna Dahlgren

Meeting Room 2

Risk of osteoporosis in inflammatory rheumatic diseases

Chairpersons: Mislav Radić, Jasminka Milas Ahić, Dušanka Martinović Kaliterna

- *Pathophysiology of osteoporosis in inflammatory rheumatic diseases* - Jasminka Milas Ahić
- *Risk of osteoporosis in inflammatory rheumatic diseases* - Mislav Cerovec
- *Osteorheumatology - current knowledge and perspective* - Mislav Radić

Meeting Room 3

Optimizing treatment outcomes in osteoporosis: patients' preferences and involvement in clinical decision making

Chairperson: Mickaël Hiligsmann

- *Introduction to medication adherence, preference and shared-decision making* - Mickaël Hiligsmann
- *Patients' preferences for osteoporosis drug treatment (review)* - Sandrine Bours
- *From groups to individuals: from preference studies to shared decision making in the clinical setting* - Annelies Boonen
- *General discussion*

Meeting Room 4

IOF-FFN: After the fracture - what does the patient need?

Chairpersons: Karsten Dreinhöfer, Kassim Javaid

- *Acute perioperative management* - Paolo Falaschi
- *Fracture surgery* - Kristina Åkesson
- *Post-acute care – rehabilitation* - Karsten Dreinhöfer
- *Capture the Fracture* - Cyrus Cooper

Meeting Room 5

Clinical conundrums in osteoporosis management

Chairpersons: Karen Walker-Bone, Elaine M. Dennison

- *Assessment of fracture risk in practice*
- *Case presentation* - Karen Walker-Bone
- *Discussion* - Elaine Dennison, Cyrus Cooper
- *Fracture despite bisphosphonates*
- *Case presentation* - Karen Walker-Bone
- *Discussion* - Elaine M. Dennison
- *Fracture prevention in patients with gastro-oesophageal reflux*
- *Case presentation* - Karen Walker-Bone
- *Discussion* - Elaine M. Dennison
- *Atypical fracture*
- *Case presentation* - Karen Walker-Bone
- *Discussion* - Elaine M. Dennison

Meeting Room 6

Body composition reference values among Latin America population. Argentina, Brazil and Mexico Results.

Chairperson: Osvaldo D. Messina

- *Sarcopenia: pathophysiology, assessment and diagnosis* - Osvaldo D. Messina
- *Postmenopausal women with sarcopenia have higher prevalence of osteoporotic fractures* - Maria Belen Zanchetta
- *Prevalence of sarcopenia and associated risk factors by two diagnostic criteria in community-dwelling older women: the São Paulo Ageing & Health Study (SPAH)* - Rosa Maria Pereira
- *Total and appendicular lean body mass reference values by dual-energy X-ray absorptiometry among healthy Mexican population* - Patricia Clark
- *Q&A*
- *Presentation of "Sergio Ragi" Award* - Jose R. Zanchetta
- *Presentation of Awarded Abstract*

SUNDAY APRIL 17 - FYCMA (Palacio de Ferias y Congresos)

09.00 - 10.00

MEET-THE-EXPERT SESSIONS

Meeting Room 1

How to improve muscle function in the elderly: fact and fantasy

Ivan Bautmans

Meeting Room 2

Intra-articular therapies

François Rannou

Meeting Room 3

Which osteoporotic patients should be treated in Latin America

Patricia Clark

Meeting Room 4

Structure modifying treatments of OA

Jean-Pierre Pelletier

10.00 - 12.20

Auditorium 2

SCIENTIFIC SESSION V

Chairpersons: Bess Dawson-Hughes, Nicholas Harvey

10.00

Auditorium 2

Plenary Lecture 9

- Novel targets and therapies in osteoporosis -
Socrates Papapoulos

10.30

Auditorium 2

Presentation of the IOF Olof Johnell Science Award

Bess Dawson-Hughes

10.40

Auditorium 2

Presentation of the 2016 IOF-ESCEO Pierre Meunier Young Scientist Awards

René Rizzoli

10.50

Auditorium 2

Oral communications selected from abstracts

10.50

Auditorium 2

OC35

IMMINENT RISK OF MAJOR OSTEOPOROTIC FRACTURE AFTER FRACTURE (REYKJAVIK STUDY)

Presenting author: N. C. Harvey

Authors: H. Johansson, K. Siggeirsdottir, A. Odén, V. Gudnason, E. McCloskey, G. Sigurdsson, J. A. Kanis

11.00

Auditorium 2

OC36

PRIOR FRAGILITY FRACTURE PREDICTS CARDIOVASCULAR EVENTS IN MEN: RESULTS FROM UK BIOBANK

Presenting author: J. Paccou

Authors: S. D'angelo, M. H. Edwards, C. Cooper, S. E. Petersen, N. C. Harvey

11.10

Auditorium 2

OC37

A SIMULATION MODEL FOR THE TREATMENT PATHWAY OF OSTEOPOROSIS

Presenting author: F. Borgström

Authors: G. Olafsson, E. Jonsson, O. Ström, O. Ljunggren, K. Åkesson, A. Spangéus, J. A. Kanis

11.20

Auditorium 2

OC38

ANTI-OSTEOPOROSIS MEDICATION PRESCRIPTIONS AND INCIDENCE OF SECONDARY FRACTURE AMONGST PRIMARY HIP FRACTURE PATIENTS IN ENGLAND AND WALES: AN INTERRUPTED TIME SERIES AND ECONOMIC ANALYSIS

Presenting author: S. Hawley

Authors: J. Leal, A. Delmestri, D. Prieto-Alhambra, N. K. Arden, C. Cooper, M. K. Javaid, A. Judge

11.30

Auditorium 2

OC39

QUALITY OF LIFE UP TO 18 MONTHS AFTER DISTAL FOREARM FRACTURE: RESULTS FROM THE ICUROS

Presenting author: A. Svedbom

Authors: E. Hernlund, V. Alekna, M. L. Bianchi, P. Clark, M. Diaz-Curiel, H. P. Dimai, O. M. Lesnyak, E. McCloskey, K. M. Sanders, S. Silverman, M. Tamulaitiene, T. Thomas, A. Tosteson, F. Borgström, J. A. Kanis

11.40

Auditorium 2

OC40

FRACTURE INCIDENCE IN THE UNITED KINGDOM 1988-2012: VARIATION BY AGE, SEX, GEOGRAPHY, ETHNICITY AND SOCIOECONOMIC STATUS

Presenting author: E. M. Curtis

Authors: R. van der Velde, R. J. Moon, C. E. Wyers, J. P. van den Bergh, P. Geusens, F. De Vries, T. Van Staa, C. Cooper, N. C. Harvey

11.50

Auditorium 2

Plenary Lecture 10

- The paradox of target to treat versus treat to target -
John A. Kanis

12.30

End of the Congress

SPONSORED SATELLITE SYMPOSIA

THURSDAY, APRIL 14

20.05 - 21.05

Teatro Cervantes

MEDA AB WELCOME COCKTAIL

FRIDAY, APRIL 15

12.15 - 13.45

Auditorium 1

MEDA AB LUNCH SYMPOSIUM

Unsolved questions in the management of osteoarthritis

Chairpersons: Cyrus Cooper, Jean-Yves Reginster

- *Introduction* - Jean-Yves Reginster
- *Glucosamine sulfate: from pharmacokinetics to clinical effectiveness - the need for distinctions* - Olivier Bruyère
- *A critical review of the evidence on the use of glucosamine in osteoarthritis: a novel aspect of evidence-based research* - Robin Christensen
- *"Closing the circle": publication of the real-life evidence* - Lucio C. Rovati
- *Conclusions and discussion*

12.15 - 13.45

Auditorium 2

ELI LILLY LUNCH SYMPOSIUM

Novel Bone Quality Assessment Measures for Advancing the Management of Osteoporosis

Chairperson: Xavier Nogués

- *Welcome and Introduction* - Xavier Nogués
- *Assessment of Bone Tissue Properties Using Micro-indentation: State-of-the-art* - Adolfo Diez-Perez
- *Teriparatide Effects on Human Bone Tissue: Recent Results From the SHOTZ and AVA Active Comparator Trials* - David Dempster
- *Q&A and Closing Remarks* - Xavier Nogués

17.00 - 18.30

Auditorium 1

AMGEN SATELLITE SYMPOSIUM

Long-term benefits of osteoporosis therapy – evaluating the evidence

Chairperson: Adolfo Diez-Perez

- *Welcome and introduction* - Adolfo Diez-Perez
- *Long-term treatment of osteoporosis: insights from clinical trials* - Socrates Papapoulos
- *A decade of BMD gains: what are the clinical benefits?* - Serge Ferrari
- *Navigating the treatment pathway: real-life experience* - Cyrus Cooper
- *Panel discussion*

17.00 - 18.30

Auditorium 2

ABBOTT SATELLITE SYMPOSIUM

New Evidence on the Role of Specialised Nutrition in Supporting Muscle Mass and Improving Patient Outcomes

Chairperson: Alfonso Cruz Jentoft

- *The Role of Lean Body Mass* - Carolyn Grieg
- *Evidence on the Use of Oral Nutritional Supplements to Improve Patient Outcomes* - Alfonso Cruz Jentoft
- *New Evidence from the NOURISH Study* - Nicolaas Deutz
- *Panel Discussion / Q&A*

SATURDAY, APRIL 16

12.15 - 13.45

Auditorium 1

MSD LUNCH SYMPOSIUM

Evolving Treatment Strategies for Osteoporosis: Signalling a Change in the Conversation

Chairperson: Socrates Papapoulos

- *Welcome and opening remarks* - Socrates Papapoulos
- *The role of cathepsin K in bone homeostasis* - Socrates Papapoulos
- *High resolution bone imaging and what it tells us about predicted bone strength* - Angela M. Cheung
- *Clinical benefits of osteoporosis therapy* - Kenneth G. Saag
- *Panel discussion/Q&A*

12.15 - 13.45

Auditorium 2

CERIN-EMF-GDP LUNCH SYMPOSIUM

Proteins and sarcopenia: a review of evidence

Chairpersons: Jean-Yves Reginster, René Rizzoli

- *Understanding sarcopenia: causes, mechanisms and consequences* - Alfonso Cruz Jentoft
- *Dairy protein and muscle mass maintenance: preventing sarcopenia* - Lex Verdijk
- *Osteosarcopenia: cross-talking between muscle and bone* - Véronique Coxam

17.00 - 18.30

AVAILABLE SATELLITE SYMPOSIUM

17.00 - 18.30

AVAILABLE SATELLITE SYMPOSIUM

