

WORLD'S LEADING
CLINICAL CONFERENCE
ON BONE, JOINT AND
MUSCLE HEALTH

WCO-IOF-ESCEO Florence 2017

WORLD CONGRESS ON OSTEOPOROSIS,
OSTEOARTHRITIS AND
MUSCULOSKELETAL DISEASES

CONGRESS PROGRAMME

March 23rd - 26th, 2017

Fortezza da Basso
Florence, Italy



International Osteoporosis
Foundation



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

Congress Organizer
Sinklar Conference Management B.V.

Congress Secretariat
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CONGRESS INFORMATION

EVENT

March 23-26, 2017

WORLD CONGRESS ON OSTEOPOROSIS,
OSTEOARTHRITIS AND MUSCULOSKELETAL
DISEASES

The world's leading clinical conference on bone,
joint and muscle health

VENUE

Fortezza da Basso

Viale Filippo Strozzi 1
50129 Firenze, Italy
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www.firenzefiera.it

ORGANIZER

Sinklar Conference Management

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SECRETARIAT

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CONGRESS WEBSITE

www.wco-iof-esceo.org

REGISTRATION

	Early Registration < Dec 5, 2016	Pre-registration < Dec 5, 2016 - Mar 6, 2017 >	On Site
IOF CSA and ESCEO SAB member	735 €	795 €	995 €
Non-Member	795 €	895 €	995 €
Student	250 €	270 €	300 €
CNS Free registration	Free	Free	Free
ASBMR guest - Free registration	Free	Free	Free
Press representative	Free	Free	Free
ESCEO SAB free (abstract submitted)	Free	Free	Free

Notification of cancellation and refund requests must be submitted in writing by e-mail to
registration-wco-iof-esceo@pacificworld.com

Before September 30, 2016: 50% reimbursement

No refunds will be given for cancellations/modifications received after September 30, 2016

ABSTRACTS

SUBMISSION PERIOD FOR ABSTRACTS

October 1, 2016 to January 13, 2017

NOTIFICATION TO THE CONTRIBUTORS

February 3, 2017

ACCREDITATIONS

EUROPEAN

The WCO-IOF-ESCEO 2017 Florence Congress was granted 15 European CME credits (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME).

BELGIAN

In process

AMERICAN

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

ITALIAN

In process



SCIENTIFIC INFORMATION

CONGRESS CHAIRMEN

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ESCEO President

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IOF President

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THURSDAY MARCH 23

17.30 - 20.20

Auditorium A

WCO-IOF-ESCEO - OPENING CEREMONY

Chairpersons: John A. Kanis, Jean-Yves Reginster

17.30

Auditorium A

Best clinical papers published in 2016

René Rizzoli

18.30

Auditorium A

Opening of the meeting

Maria Luisa Brandi

18.35

Auditorium A

WHO's new approach to Healthy Ageing and its implications for research and clinical practice

John R. Beard (Director of the Department of Ageing and Life Course, World Health Organization – Geneva)

18.55

Auditorium A

Healthy aging: a major challenge for the European Commission

Karim Berkouk (European Commission Brussels)

19.05

Auditorium A

Baseline stratification of patients on the basis of frailty, and the CHMP pilot on geriatric assessment

Francesca Cerreta (European Medicines Agency – London)

19.20

Auditorium A

HONORARY LECTURE

► *Between Tradition and Innovation of the Officina Profumo Farmaceutica di Santa Maria Novella from 1612 to today*

Eugenio Alphandery (President Officina Profumo Farmaceutica di Santa Maria Novella – Florence)

19.50

Auditorium A

Calcium intake worldwide

Bess Dawson-Hughes

19.55

Auditorium A

Launch of the « Global Patient Charter » (IOF)

Cyrus Cooper

20.00

Auditorium A

Presentation of the 2017 ESCEO Medal of Excellence

Jean-Yves Reginster

20.05

Auditorium A

Presentation of the ESCEO-IOF Herbert Fleisch Medal

Jean-Yves Reginster

20.10

Auditorium A

Presentation of the IOF Medal of Achievement

Cyrus Cooper

20.15

Auditorium A

Presentation of the IOF Olof Johnell Science Award

Cyrus Cooper

20.20 - 21.20

Auditorium A

INDUSTRY-SPONSORED WELCOME COCKTAIL

FRIDAY MARCH 24

08.00

Opening of the commercial exhibition

08.00 - 09.00

NON-SPONSORED SYMPOSIA

Meeting Room 1

Bone health: A reflection of the social mosaic

Chairperson: Gustavo Duque

- *Medieval evidence: Reconstructing social status from British Medieval skeletons* Justyna Miskiewicz
- *Contemporary evidence: Social gradient of osteoporosis* Sharon Brennan-Olsen
- *Epigenetic evidence: Chronic stress, inflammatory response and osteoporosis risk* José Riancho
- *Moderated panel and audience questions* All

Meeting Room 2

IOF-ASBMR Symposium: Fracture risk assessment to target treatment: Effectiveness and cost-utility

Chairpersons: Bo Abrahamsen, John A. Kanis

- *Innovations in Approach to absolute risk assessment* Cyrus Cooper
- *Prospective RCTs to evaluate effectiveness of such strategies* Michael R. McClung
- *Economic Consequences of Treatment on basis of fracture risk assessment* Eugene McCloskey

Meeting Room 3

Can exercise counter inflammation in the aged?

Chairperson: Ivan Bautmans

- *Immunosenescence and impact of exercise on cellular markers* Hung Cao Dinh
- *Chronic low-grade inflammation and effects of exercise* Keliane Liberman
- *Anti-inflammatory effects of resistance training: dose-response relationship* Louis Nuvagah Forti

Meeting Room 4

Diagnosis and Management of Fibrous dysplasia / McCune Albright syndrome: A global patient pathway

Chairperson: Kassim Javaid

- *Introduction and Mission Statement of the International Consortium* Kassim Javaid
- *Pathophysiology of skeletal and extra-skeletal manifestations of FD/MAS* Neveen Hamdy
- *Consensus Clinical Care Pathway* Kassim Javaid
- *Therapeutic options in FD/MAS (including surgical, skeletal and endocrine; current and future)* Roland D. Chapurlat
- *Panel Discussion* All

Meeting Room 6

Global differences in dietary calcium intake

Chairperson: Bess Dawson-Hughes

- *Introduction : including the role of calcium in bone growth and preservation* Bess Dawson-Hughes
- *Presentation of the Calcium Map results* Ethan Balk
- *Presentation on the skeletal consequences of inadequate calcium intake* Peter R. Ebeling

08.00 - 09.00

BREAKFAST EDUCATIONAL LECTURE - BY INVITATION ONLY (SUPPORTED BY AN EDUCATIONAL GRANT FROM INDUSTRY)

08.00 - 09.00

Meeting Room 5

EDUCATIONAL LECTURE - CALCIFEDIOL: PERSPECTIVES FOR CLINICAL APPLICATIONS IN 2017

09.00 - 12.10

Auditorium A

SCIENTIFIC SESSION I

Chairpersons: John A. Kanis, Jean-Yves Reginster

09.00

Auditorium A

Plenary Lecture 1

- *Who and when to treat in osteoporosis?* John A. Kanis

09.30

Auditorium A

Oral communications selected from abstracts

09.30

Auditorium A

OC1

ABALOPARATIDE-SC DECREASES VERTEBRAL, NONVERTEBRAL, MAJOR OSTEOPOROTIC, AND WRIST FRACTURES IN A SUBSET OF POSTMENOPAUSAL WOMEN AT HIGH RISK OF FRACTURE BY FRAX SCORE

Presenting author: E. V. McCloskey

Authors: L. A. Fitzpatrick, M. Hu, J. A. Kanis

09.40

Auditorium A

OC2

ABALOPARATIDE-SC SIGNIFICANTLY REDUCES VERTEBRAL AND NONVERTEBRAL FRACTURES AND INCREASES BONE MINERAL DENSITY REGARDLESS OF BASELINE RISK: RESULTS FROM THE ACTIVE PHASE 3 CLINICAL TRIAL

Presenting author: L. A. Fitzpatrick

Authors: G. Hattersley, P. D. Miller, M. Hu, L. A. Russo, B. J. R. Riis, G. C. Williams, F. Cosman

FRIDAY MARCH 24

09.50

Auditorium A

OC3

FRACTURE RISK REDUCTION WITH ROMOSUZUMAB: RESULTS OF A PHASE 3 STUDY IN POSTMENOPAUSAL WOMEN WITH OSTEOPOROSIS

Presenting author: F. Cosman

Authors: D. B. Crittenden, J. D. Adachi, N. Binkley, E. Czerwinski, S. Ferrari, L. C. Hofbauer, E. Lau, E. M. Lewiecki, A. Miyauchi, C. A. F. Zerbin, C. E. Milmont, L. Chen, J. Maddox, P. D. Meisner, C. Libanati, A. Grauer

10.00

Auditorium A

OC4

ROMOSUZUMAB RAPIDLY REDUCES CLINICAL VERTEBRAL FRACTURE INCIDENCE: RESULTS FROM THE FRAME STUDY

Presenting author: P. Geusens

Authors: M. Oates, A. Miyauchi, J. D. Adachi, M. Lazaretti-Castro, P. R. Ebeling, C. A. Perez Nino, C. J. Milmont, A. Grauer, C. Libanati

10.10

Auditorium A

OC5

EFFECT OF DENOSUMAB COMPARED WITH RISEDRONATE IN GLUCOCORTICOID-TREATED INDIVIDUALS: RESULTS FROM THE 12-MONTH PRIMARY ANALYSIS OF A RANDOMIZED, DOUBLE-BLIND, ACTIVE-CONTROLLED STUDY

Presenting author: O. D. Messina

Authors: R. B. Wagman, P. Geusens, J. D. Adachi, O. D. Messina, R. Emkey, R. D. Chapurlat, N. S. Daizadeh, N. Pannaciuilli, W. Lems

10.20

Auditorium A

OC6

DISCONTINUATION OF DENOSUMAB AND ASSOCIATED VERTEBRAL FRACTURE INCIDENCE: ANALYSIS FROM FREEDOM AND ITS EXTENSION

Presenting author: S. Ferrari

Authors: J. P. Brown, N. Gilchrist, J.-E. Beck Jensen, N. Pannaciuilli, C. Recknor, C. Roux, S. Smith, O. Törring, I. Valter, R. B. Wagman, A. Wang, S. R. Cummings

10.30

Auditorium A

Plenary Lecture 2

► *What can we expect from bone forming agents in the management of osteoporosis?* Serge Ferrari

11.00

Auditorium A

Presentation of the ESCEO-IOF-UCB Awards

Cyrus Cooper, Pascale Richetta

11.10

Auditorium A

Oral communications selected from abstracts

11.10

Auditorium A

OC7

A NEW SYSTEMATIC REVIEW AND NETWORK META-ANALYSIS OF LONG-TERM TRIALS OF PHARMACOLOGICAL TREATMENTS IN KNEE OSTEOARTHRITIS

Presenting author: L. C. Rovati

11.20

Auditorium A

OC8

PHARMACEUTICAL-GRADE CHONDROITIN SULFATE IS AS EFFECTIVE AS CELECOXIB AND SUPERIOR TO PLACEBO IN SYMPTOMATIC KNEE OSTEOARTHRITIS: THE CHONDROITIN VS CELECOXIB VS PLACEBO TRIAL (CONCEPT)

Presenting author: J.-Y. Reginster

Authors: J. Dudler, T. Blicharski, K. Pavelka, A. Lanzarotti

11.30

Auditorium A

OC9

DISCOVERY OF A SMALL MOLECULE WNT PATHWAY INHIBITOR (SM04690) AS A POTENTIAL DISEASE MODIFYING TREATMENT FOR KNEE OSTEOARTHRITIS

Presenting author: N. E. Lane

Authors: V. Deshmukh, C. Barroga, H. Hu, S. KC, Y. Yazici

11.40

Auditorium A

OC10

THE ASSOCIATION OF KNEE OSTEOARTHRITIS AND PREMATURE MORTALITY IN THE COMMUNITY: AN INTERNATIONAL INDIVIDUAL PATIENT LEVEL META-ANALYSIS IN SIX PROSPECTIVE COHORTS

Presenting author: K. M. Leyland

Authors: L. S. Gates, M. T. Sanchez-Santos, D. Prieto-Alhambra, A. Fudge, G. Collins, R. Cleveland, D. Felson, J. M. Jordan, L. F. Callahan, M. Nevitt, F. Saberi Hosnijeh, J. B. J. van Meurs, G. Jones, J. L. Newton, M. Batt, D. Altman, C. Cooper, N. K. Arden

11.50

Auditorium A

OC11

OSTEOARTHRITIS INCREASES THE RISK OF CARDIOVASCULAR DISEASE: DATA FROM THE OSTEOARTHRITIS INITIATIVE

Presenting author: N. Veronese

Authors: T. Smith, J.-Y. Reginster, S. Maggi

12.00

Auditorium A

OC12

A RANDOMISED DOUBLE-BLIND PLACEBO-CONTROLLED CROSSOVER TRIAL OF ADALIMUMAB FOR EROSION HAND OSTEOARTHRITIS – THE HUMOR TRIAL

Presenting author: D. Aitken

Authors: L. L. Laslett, F. Pan, N. Bellamy, P. Bird, I. Haugen, G. Jones

FRIDAY MARCH 24

12.15 - 13.45

Auditorium A

INDUSTRY-SPONSORED LUNCH SYMPOSIUM

12.15 - 13.45

Auditorium B

INDUSTRY-SPONSORED LUNCH SYMPOSIUM

14.00 - 15.00

Meeting Room 6

ESCEO-EUGMS HONORARY LECTURE

- *IL-17 in bone, cartilage and muscle diseases : State of the art and practical consequences for the patient*

Pierre Miossec

14.00 - 15.00

MEET-THE-EXPERT SESSIONS

Meeting Room 1

- *What can we expect from biomarkers in osteoarthritis?*

Gabriel Herrero-Beaumont

Meeting Room 2

- *Diabetes and bone*

Serge Ferrari

Meeting Room 4

- *Bone fragility during childhood, young adulthood and before the menopause*

Ego Seeman

14.00 - 15.00

WHO SYMPOSIUM

Meeting Room 3

Integrated Care for Older People (launch of the ICOPE Guidelines)

Chairpersons: Roger Fielding, John Beard

- *Introduction* John Beard
- *Community care model for optimizing trajectories of intrinsic capacity* Islene Araujo de Carvalho
- *Screening for declines in intrinsic capacity in older people: a personalized approach to promote healthy ageing* Matteo Cesari
- *Role of nutrition and physical exercise in maintaining intrinsic capacity* Olivier Bruyère
- *Closing the evidence to practice gap: WHO ICOPE guideline recommendations* Jotheeswaran Amuthavalli Thiyagarajan
- *Discussion*

14.00 - 15.00

Poster area

Poster Viewing Session I

14.00 - 15.10

Podium

Oral presentation of selected posters

Chairperson: Elaine M. Dennison

14.00

Podium

P564

BONE MICROARCHITECTURE ANALYSIS BY HR-PQCT OF YOUNG ADULTS WITH KLINEFELTER SYNDROME REVEALED SEVERE BONE FRAGILITY

Presenting author: C. B. Confavreux

Authors: A. Piot, P. S. Szulc, J. Bacchetta, S. Ailloud, H. Lejeune, R. D. Chapurlat, S. Boutroy, I. Plotton

14.07

Podium

P810

FACTORS INFLUENCING END OF LIFE COST AND SURVIVAL IN ELDERLY OSTEOPOROTIC FRACTURE COHORTS

Presenting author: T. D. Tosteson

Authors: Q. Yang, A. N. Tosteson, J. Munson, Z. Li

14.14

Podium

P133

PREPUBERTAL IMPACT OF PROTEIN INTAKE AND PHYSICAL ACTIVITY ON WEIGHT BEARING PEAK BONE MASS AND STRENGTH IN HEALTHY MALES

Presenting author: T. Chevalley

Authors: J.-P. Bonjour, M.-C. Audet, F. Merminod, B. van Rietbergen, R. Rizzoli, S. Ferrari

14.21

Podium

P667

MUSCLE STRENGTH AND PHYSICAL PERFORMANCE FROM MIDLIFE AND BONE HEALTH IN EARLY OLD-AGE: THE MRC NATIONAL SURVEY OF HEALTH AND DEVELOPMENT

Presenting author: K. A. Ward

Authors: D. Kuh, S. Muthuri, A. Moore, C. Cooper, R. Cooper

14.28

Podium

P375

RELATIONSHIPS BETWEEN MARKERS OF INFLAMMATION AND BONE MICROARCHITECTURE: FINDINGS FROM THE HERTFORDSHIRE COHORT STUDY

Presenting author: N. R. Fuggle

Authors: L. D. Westbury, H. E. Syddall, N. A. Duggal, E. M. Dennison, J. Lord, C. Cooper

14.35

Podium

P841

ANALYZING THE CORTICAL AND TRABECULAR BONE OF TENOFOVIR-TREATED HIV PATIENTS USING 3D-DXA.

Presenting author: R. Güerri-Fernandez

Authors: L. H. Humbert, X. Nogués, N. Garcia-Giral, L. Mellibovsky, H. Knobel, A. Diez-Perez

FRIDAY MARCH 24

14.42

Podium

P756

CLUSTER ANALYSIS OF BONE MICROARCHITECTURE FROM HIGH RESOLUTION PERIPHERAL QUANTITATIVE COMPUTED TOMOGRAPHY (HR-PQCT) AND FRACTURE IN THE GLOW STUDY

Presenting author: A. E. Litwic

Authors: L. D. Westbury, D.E. Robinson, K. A. Ward, C. Cooper, E. M. Dennison

14.49

Podium

P1040

THE ELEVATED LEVELS OF BONE TURNOVER MARKERS IN YOUNG MEN ARE ASSOCIATED WITH BONE LOSS: A LONGITUDINAL STUDY IN HEALTHY YOUNG ADULTS

Presenting author: C. Verroken

Authors: S. Goemaere, H. Zmierzczak, K. Toye, B. Lapauw, J.-M. Kaufman

14.56

Podium

P676

EFFECTS OF ABALOPARATIDE-SC ON BONE MINERAL DENSITY AND RISK OF FRACTURE IN POSTMENOPAUSAL WOMEN AGED 80 YEARS OR OLDER WITH OSTEOPOROSIS

Presenting author: M. R. McClung

Authors: N. C. Harvey, L. A. Fitzpatrick, P. D. Miller, G. Hattersley, Y. Wang, F. Cosman

15.03

Podium

P747

COST-EFFECTIVENESS OF COMPLYING WITH TREATMENT GUIDELINES IN SWEDEN

Presenting author: E. Jonsson

Authors: A. Hansson-Hedblom, O. Ljunggren, K. Åkesson, A. Spangéus, F. Borgström, J. A. Kanis

14.00 - 15.00

ESCEO SYMPOSIUM

Meeting Room 5

Identification and management of patients at imminent risk of osteoporotic fracture

Chairpersons: Bernard Cortet, Bo Abrahamsen

- *Welcome and scope of the problem* Cyrus Cooper
 - *How can we define a patient at imminent risk of fracture?* Nicholas Harvey
 - *Efficacy of currently available treatments in patients at imminent risk of fracture* Thierry Thomas
 - *Discussion : Leader:* Salvatore Minisola
 - *Wrap-up and conclusion* Cyrus Cooper
- Panel: Bo Abrahamsen, Maria Luisa Brandi, Jorge Cannata Andia, Cyrus Cooper, Bernard Cortet, Hans Peter Dimai, Serge Ferrari, Peyman Hadji, Nicholas Harvey, John A. Kanis, Marius Kraenzlin, Andreas Kurth, Eugene McCloskey, Salvatore Minisola, Jean-Yves Reginster, René Rizzoli, Thierry Thomas

15.00 - 16.45

Meeting Room 6

IOF COMMITTEE OF NATIONAL SOCIETIES SPECIAL PLENARY SESSION

Chairperson: Jean-Yves Reginster

15.03

Meeting Room 6

OCs1

BONE MINERAL DENSITY AT PATIENTS OF EARLY ONSET RHEUMATOID ARTHRITIS

Presenting author: B. Rexhepi

Authors: S. Rexhepi, M. Rexhepi, V. Sahatçiu-Meka, M. Qorolli

15.11

Meeting Room 6

OCs2

ASSOCIATION BETWEEN GENETIC FACTORS OF OSTEOPOROSIS AND FRAX® CALCULATED TEN-YEAR FRACTURE PROBABILITY

Presenting author: P. Marozik

Authors: E. Rudenka, K. Liaonchyk, A. Rudenka, O. Samakhavets

15.19

Meeting Room 6

OCs3

IN-OFFICE PROTEOMIC PLATFORM FOR BONE MARKER MEASUREMENT

Presenting author: B. Larijani

Authors: P. Khashayar, G. Amoabediny, J. Vanfleteren

15.27

Meeting Room 6

OCs4

BODY MASS INDEX, VITAMIN D DEFICIENCY AND PHYSICAL ACTIVITY IN OSTEOPOROSIS

Presenting author: R. Alimanovic-Alagic

Authors: S. Sokolovic, M. Vrcic, A. Kapetanovic, E. Rabari, S. Hodzic

15.35

Meeting Room 6

OCs5

COMPARATIVE STUDY OF FRAX® SCORE IN ECUADORIAN POPULATION

Presenting author: O. D. Messina

Authors: G. Maldonado, C. Paredes, R. Guerrero, M. Mieles, C. Rios

15.43

Meeting Room 6

OCs6

DEVELOPMENT AND VALIDATION OF ANTHROPOMETRIC PREDICTION MODEL FOR ESTIMATION OF MUSCLE MASS IN THE ELDERLY

Presenting author: B. Larijani

Authors: R. Heshmat, G. Shafiee, A. Keshtkar

15.51

Meeting Room 6

OCs7

IMPORTANCE OF THE JOURNAL AND WEBSITE BONE HEALTH FOR PATIENTS WITH OSTEOPOROSIS AND OTHER MUSCULOSKELETAL DISEASES

Presenting author: M. Mukane

Authors: S. Upmale, M. Mukans, I. Rasa

FRIDAY MARCH 24

16.07

Meeting Room 6

OCs8

TBS, VFA AND HANDGRIP IN A GROUP OF POSTMENOPAUSAL WOMEN WITH VERTEBRAL FRACTURE

Presenting author: E. Czerwinski

Authors: J. Amarowicz, A. Kumorek, M. Warzecha

16.15

Meeting Room 6

OCs9

DISCRIMINATIVE POWER OF ROMANIAN VERSION OF SARQOL QUESTIONNAIRE: PRELIMINARY RESULTS

Presenting author: A. I. Gasparik

Authors: G. Mihai, C. Sucaliuc, I. M. Pascanu

16.23

Meeting Room 6

OCs10

IN PATIENT CARE FOR DIABETIC AND NON-DIABETIC PATIENTS WITH OSTEOPOROTIC HIP FRACTURES IN A FRACTURE LIAISON SERVICE AT AN ASIAN HOSPITAL: BRINGING THE BURDEN INTO THE SPOTLIGHT

Presenting author: M. Chandran

Authors: X. F. Huang, K. Choo, D. Tay, Y. Hao

16.31

Meeting Room 6

OCs11

BALLOON KYPHOPLASTY COMPARED TO PERCUTANEOUS VERTEBROPLASTY: WHAT IS THE EVIDENCE?

Presenting author: P. R. Ebeling

Authors: A. J. Rodriguez, H. A. Fink, L. Mirigian, N. Guanabens, R. Eastell, K. Åkesson, D. C. Bauer

15.59

Meeting Room 6

Presentation of the IOF Committee of National Societies Medal

Jean-Yves Reginster

15.00 - 17.00

Auditorium A

SCIENTIFIC SESSION II

Chairpersons: Cyrus Cooper, René Rizzoli

15.00

Auditorium A

Plenary Lecture 3

► *Implication of bone biomechanics in daily practice* Mary L. Bouxsein

15.30

Auditorium A

Presentation of the IOF President's Awards

John A. Kanis

15.40

Auditorium A

Oral communications selected from abstracts

15.40

Auditorium A

OC13

PREMENOPAUSAL WOMEN WITH EARLY BREAST CANCER TREATED BY OESTRADIOL SUPPRESSION HAVE SEVERELY DETERIORATED BONE MICROSTRUCTURE

Presenting author: S. K. Ramchand

Authors: E. Seeman, X.-F. Wang, A. Ghasem-Zadeh, P. A. Francis, E. J. Ponnusamy, M. S. Bardin, M. Bui, J. D. Lajac, M. Grossmann

15.50

Auditorium A

OC14

WOMEN IDENTIFIED AT HIGH RISK BASED ON FRAX HIP FRACTURE PROBABILITY ARE RESPONSIVE TO APPROPRIATE OSTEOPOROSIS MANAGEMENT: ANALYSIS FROM THE SCOOP STUDY OF POPULATION SCREENING

Presenting author: E. V. McCloskey

Authors: N. C. Harvey, H. Johansson, L. Shepstone, E. Lenaghan, C. Cooper, J. A. Kanis

16.00

Auditorium A

OC15

CAN INDIVIDUALISED RISK FEEDBACK PRODUCE LONG-TERM HEALTH BENEFITS? A 10-YR FOLLOW-UP OF A 2-YR RANDOMISED CONTROLLED TRIAL OF FEEDBACK OF FRACTURE RISK

Presenting author: F. Wu

Authors: K. Wills, L. L. Laslett, M. Riley, B. Oldenburg, G. Jones, T. Winzenberg

16.10

Auditorium A

OC16

MOBILITY RELATED RISK FACTORS PREDICT INCIDENT FRACTURES INDEPENDENTLY OF FRAX: THE OSTEOPOROTIC FRACTURES IN MEN (MROS) STUDY

Presenting author: N. C. Harvey

Authors: A. Odén, E. Orwoll, J. Lapidus, T. Kwok, M. Karlsson, B. Rosengren, O. Ljunggren, C. Cooper, J. A. Kanis, C. Ohlsson, D. Mellström, H. Johansson, E. V. McCloskey

16.20

Auditorium A

OC17

IMMINENT RISK OF HIP FRACTURE AFTER RECENT (SENTINEL) FRACTURE – COMPARISON OF SENTINEL FRACTURE SITES (REYKJAVIK STUDY)

Presenting author: H. Johansson

Authors: K. Siggeirsdottir, N. C. Harvey, A. Odén, V. Gudnason, E. V. McCloskey, G. Sigurdsson, J. A. Kanis

16.30

Auditorium A

Plenary Lecture 4

► *Emerging treatments for the management of osteoarthritis* Tim McAlindon

17.00 - 18.30

Auditorium B

INDUSTRY-SPONSORED SATELLITE SYMPOSIUM

SATURDAY MARCH 25

08.00 - 09.00

NON-SPONSORED SYMPOSIA

Meeting Room 1

Osteosarcopenia: a practical approach for the prevention of falls and osteoporotic fractures

Chairperson: Gustavo Duque

- *Introduction* Gustavo Duque
- *Clinical and biochemical phenotype of osteosarcopenia* Alberto Frisoli
- *Musculoskeletal imaging and osteosarcopenia* Neil Binkley
- *Therapeutic interventions for osteosarcopenia* Gustavo Duque
- *Questions & Answers* All

Meeting Room 2

How can exercise counter muscle weakness in the aged?

Chairperson: Ivan Bautmans

- *Muscle weakness and fatigue: does the type of contraction matter?* Liza De Dobbeleer
- *Can exercise counter muscle activation deficits?* Pauline Arnold
- *Strength gain and functional benefits of resistance training: dose-response relationship* Evelien Van Roie

Meeting Room 4

Closing the gap in the assessment of quality of life in sarcopenia

Chairpersons: Olivier Bruyère, Francesco Landi

- *Importance of patient-centred outcomes (PCOs) in the assessment of chronic disorders* Francesca Cerreta
- *Assessment of quality of life in sarcopenia: what can we learn from osteoporosis?* René Rizzoli
- *SarQoL: a validated tool for the assessment of quality of life in sarcopenia* Charlotte Beaudart

Meeting Room 6

Chronic Immuno-inflammation and bone structure

Chairpersons: Osvaldo D. Messina, Cristiano A. F. Zerbini

- *Introduction – Inflammation and bone structure* Cristiano A. F. Zerbini
- *Published data related to biologic agents and bone loss in chronic arthritis* Osvaldo D. Messina
- *Quantification and Impact of Secondary Osteoarthritis using HR-pQCT in Anti-citrullinated protein antibody Rheumatoid Arthritis Patients* Camille Figueiredo
- *Bone impairment assessed using HR-pQCT and vertebral fractures in juvenile systemic lupus erythematosus* Rosa Maria Pereira
- *Discussion* Osvaldo D. Messina

Meeting Room 7

Long-Term Therapy - Clinical Practice Cavaets

Chairperson: Bruno Muzzi Camargos

- *Treatment Evidences Beyond 5 years* Oscar Rosero Olarte
- *Treatment failure* Luis Fernando Vidal Neira
- *Bone Imaging and Biochemical Monitoring on Long-Term Treated Patients* Bruno Muzzi Camargos
- *What happen after stopping denosumab* Maria Belen Zanchetta

Meeting Room 8

Parental influences on offspring bone: Multidisciplinary evidence

Chairperson: Sharon Brennan-Olsen

- *Introduction to symposium session by Chair* Sharon Brennan-Olsen
- *Life-course epidemiology: Developmental Origins of Health and Disease* Natalie Hyde
- *Animal models: Adverse conditions in utero and bone* Ahmed Al Saedi
- *Public health: Health literacy, role modelling and prevention* Sarah Hosking
- *Moderated panel discussion, and audience questions* All

08.00 - 09.00

EDUCATIONAL LECTURE

Meeting Room 3

- *Patient-reported outcomes : is this the future for the development of treatments in musculoskeletal diseases* Maarten Boers

SATURDAY MARCH 25

08.00 - 09.00

ESCEO Symposium under the auspices of WHO-EUGMS-IAGG-GARN and IOF

Meeting Room 5

Does nutrition play a role in the prevention and management of sarcopenia?

Chairpersons: Maria Luisa Brandi, Roger Fielding

- *Welcome* Islene Araujo de Carvalho
- *Scope of the meeting* Matteo Cesari
- *Role of proteins* Luc J. C. van Loon
- *Role of calcium, dairy products and vitamin D*
Heike A. Bischoff-Ferrari
- *Role of other nutrients* Yves Rolland
 - *Discussion - Leader:* Marjolein Visser
- *Wrap-up* Roger Fielding

Panel: Sophie Allepaerts, Nasser Al-Daghri, Jotheeswaran Amuthavalli Thiagarajan, Islene Araujo de Carvalho, Ivan Bautmans, John Beard, Heike A. Bischoff-Ferrari, Maria Luisa Brandi, Olivier Bruyère, Tommy Cederholm, Francesca Cerreta, Matteo Cesari, Antonio Cherubini, Cyrus Cooper, Alfonso Cruz Jentoft, Bess Dawson-Hughes, Roger Fielding, John A. Kanis, Jean-Marc Kaufman, Francesco Landi, Andrea Laslop, Alessandro Laviano, Stefania Maggi, Vincenzo Malafarina, Eugene McCloskey, Jean Petermans, Jean-Yves Reginster, René Rizzoli, Sian Robinson, Yves Rolland, Ricardo Rueda, Luc J. C. van Loon, Bruno Vellas, Marjolein Visser

09.00 - 12.00

Auditorium A

SCIENTIFIC SESSION III

Chairpersons: Eugene McCloskey, Olivier Bruyère

09.00

Auditorium A

Plenary Lecture 5

- *Can we improve bone health through nutrition?*
Cyrus Cooper

09.30

Auditorium A

Oral communications selected from abstracts

09.30

Auditorium A

OC18

ABALOPARATIDE-SC FOR POSTMENOPAUSAL OSTEOPOROSIS: ANALYSIS OF THE NUMBER NEEDED TO TREAT COMPARED WITH TERIPARATIDE

Presenting author: J.-Y. Reginster

Authors: D. M. Black, G. Hattersley, G. Williams, M. Hu, L. A. Fitzpatrick, E. M. Lewiecki

09.40

Auditorium A

OC19

A RANDOMIZED, OPEN-LABEL PHASE 2 STUDY OF KRN23, AN INVESTIGATIONAL FULLY HUMAN ANTI-FGF23 MONOCLONAL ANTIBODY, IN CHILDREN WITH X-LINKED HYPOPHOSPHATEMIA (XLH): 64-WEEK RESULTS

Presenting author: T. Carpenter

Authors: E. Imel, A. Boot, W. Högl, A. Linglart, R. Padidela, W. van't Hoff, M. Whyte, M. Mao, A. Skrinar, J. San Martin, A. Portale

09.50

Auditorium A

OC20

EFFECT OF 10 YEARS OF DENOSUMAB TREATMENT ON BONE HISTOLOGY AND HISTOMORPHOMETRY IN THE FREEDOM EXTENSION STUDY

Presenting author: D. W. Dempster

Authors: N. Daizadeh, A. Fahrleitner-Pammer, J.-E. Beck Jensen, D. Kendler, I. Valter, R. B. Wagman, S. Yue, J. P. Brown

10.00

Auditorium A

OC21

REDUCTION IN FRACTURE RATES WITH DENOSUMAB COMPARED TO ALENDRONATE IN TREATMENT NAÏVE PATIENTS: A PROPENSITY-MATCHED 'REAL WORLD' COHORT AND INSTRUMENTAL VARIABLE ANALYSIS

Presenting author: D. Prieto-Alhambra

Authors: M. S. Ali, A. Judge, N. K. Arden, T. P. Van Staa, C. Cooper, K. Javadi, S. Khalid

10.10

Auditorium A

OC22

A FRACTURE LIAISON SERVICE UTILIZING EMERGENCY DEPARTMENT INFORMATION SYSTEMS TO IDENTIFY PATIENTS WITH FRAGILITY FRACTURE IMPROVED TREATMENT AND RECURRENT FRACTURE RATES AND IS COST EFFECTIVE: A 12 MONTH ANALYSIS

Presenting author: C. Inderjeeth

Authors: W. Raymond, A. Briggs, E. Geelhoed, D. Oldham, J. McQuade, K. Briffa, D. Mountain

10.20

Auditorium A

OC23

A BONE SPECIFIC PERIOSTIN FRAGMENT IS ASSOCIATED WITH INCIDENT FRACTURES RISK IN POST-MENOPAUSAL WOMEN FROM THE GERICO COHORT

Presenting author: N. Bonnet

Authors: E. Biver, T. Chevalley, R. Rizzoli, P. Garnero, S. Ferrari

10.30

Auditorium A

Plenary Lecture 6

- *Calcium and Vitamin D : the true story*
Bess Dawson-Hughes

SATURDAY MARCH 25

11.00

Auditorium A

Oral communications selected from abstracts

11.00

Auditorium A

OC24

IMPACT OF SARCOPENIA ON FUNCTIONAL OUTCOMES AMONG OLDER HIP-FRACTURED PATIENTS UNDERGOING IN-HOSPITAL REHABILITATION

Presenting author: R. Calvani

Authors: E. Marzetti, E. Ortolani, S. Salini, A. M. Martone, A. Picca, F. Landi

11.10

Auditorium A

OC25

HEALTH OUTCOMES OF SARCOPENIA: A SYSTEMATIC REVIEW AND META-ANALYSIS

Presenting author: C. Beaudart

Authors: M. Zaaria, F. Pasleau, J.-Y. Reginster, O. Bruyère

11.20

Auditorium A

OC26

ECONOMIC BURDEN ASSOCIATED WITH SARCOPENIA: ESTIMATIONS FROM AN ENGLISH COHORT STUDY

Presenting author: L. D. Westbury

Authors: R. Pinedo-Villanueva, H. E. Syddall, M. T. Sanchez-Santos, E. M. Dennison, S. M. Robinson, C. Cooper

11.30

Auditorium A

OC27

SARCOPENIA DOES NOT PREDICT ONE-YEAR-MORTALITY AFTER A HIP FRACTURE

Presenting author: A. Merello-de-Miguel

Authors: C. Miret-Corchado, C. Sanchez-Castellano, M. N. Vaquero-Pinto, A. C. Ramirez-Archundia, A. J. Cruz Jentoft

11.40

Auditorium A

OC28

INTEREST IN 10 CURRENT DEFINITIONS OF FRAILTY TO PREDICT THE INCIDENCE OF FALLS AND DEATHS AMONG ELDERLY NURSING HOME RESIDENTS

Presenting author: F. Buckinx

Authors: C. Lenaerts, T. Brunois, X. Rygaert, J.-Y. Reginster, J. Petermans, O. Bruyère

11.50

Auditorium A

OC29

EFFECTS OF 24 MONTHS TREATMENT OF TERIPARATIDE COMPARED WITH RISEDRONATE ON NEW FRACTURES IN POSTMENOPAUSAL WOMEN WITH SEVERE OSTEOPOROSIS: A RANDOMIZED, DOUBLE-DUMMY, CLINICAL TRIAL

Presenting author: D. L. Kendler

Authors: C. A. F. Zerbin, L. Russo, S. Greenspan, V. Zikan, A. Bagur, J. Malouf, P. Lakatos, A. Fahrleitner-Pammer, E. Lespessailles, S. Minisola, J.-J. Body, P. Geusens, R. Moericke, P. Lopez-Romero, F. Marin

12.15 - 13.45

Auditorium A

INDUSTRY-SPONSORED LUNCH SYMPOSIUM

12.15 - 13.45

Auditorium B

INDUSTRY-SPONSORED LUNCH SYMPOSIUM

14.00 - 15.00

MEET-THE-EXPERT SESSIONS

Meeting Room 1

► *Management of corticosteroid-induced osteoporosis*

Emmanuel Biver

Meeting Room 2

► *Rare bone disease: approaches to classification*

Kassim Javaid

Meeting Room 4

► *Connected devices in musculo-skeletal health*

Olivier Bruyère, Daniel Pinto

14.00 - 15.00

Poster area

Poster Viewing Session II

14.00 - 15.10

Podium

Oral presentation of selected posters

Chairperson: Elaine M. Dennison

14.00

Podium

P266

BONE QUALITY ASSESSMENT AMONG SARCOPENIC AND NON-SARCOPENIC ELDERLY SUBJECTS FROM THE SARCOPHAGE STUDY

Presenting author: M. Locquet

Authors: C. Beaudart, L. Delandsheere, J.-Y. Reginster, J. A. Kanis, O. Bruyère

14.07

Podium

P216

RELATIONSHIPS BETWEEN MARKERS OF INFLAMMATION AND MUSCLE MASS, STRENGTH AND FUNCTION: RESULTS FROM THE HERTFORDSHIRE COHORT STUDY

Presenting author: L. D. Westbury

Authors: N. R. Fuggle, H. E. Syddall, N. A. Duggal, E. M. Dennison, J. Lord, C. Cooper

14.14

Podium

P152

CHARACTERIZATION OF MOLECULAR PROFILE OF SARCOPENIA IN OSTEOPOROTIC AND OSTEOARTHRITIC PATIENTS

Presenting author: J. Baldi

Authors: M. Scimeca, E. Bonanno, E. Piccirilli, E. Gasbarra, R. Iundusi, U. Tarantino

SATURDAY MARCH 25

14.21

Podium

P220

ADHERENCE TO A MEDITERRANEAN DIET IS ASSOCIATED WITH LOWER INCIDENCE OF FRAILTY: DATA FROM THE OSTEOARTHRITIS INITIATIVE

Presenting author: N. Veronese

Authors: B. Stubbs, M. Noale, M. Solmi, R. Rizzoli, G. Crepaldi, S. Maggi

14.28

Podium

P128

HEALTH BENEFITS AND CONSEQUENCES OF THE EASTERN ORTHODOX FASTING IN MONKS OF MOUNT ATHOS: A CROSS-SECTIONAL STUDY

Presenting author: A. Persynaki

Authors: S. Karras, A. Petroczi, E. Barkans, H. Mulrooney, M. Kypraiou, T. Tzotzas, K. Tziomalos, K. Kotsa, A. Tsioudas, C. Pichard, D. Naughton

14.35

Podium

P804

VITAMIN D CORRECTION IMPROVES APOLIPOPROTEIN LEVELS IN A SEX-SPECIFIC MANNER

Presenting author: N. Al-Daghri

Authors: M. Alokail, A. Manousopoulou, A. Heinson, O. Al-Attas, Y. Al-Saleh, S. Sabico, N. Aljohani, C. Woelk, G. Chrousos, S. Garbis

14.42

Podium

P372

PRIOR FALLS PREDICT INCIDENT FRACTURES INDEPENDENTLY OF FRAX: THE OSTEOPOROTIC FRACTURES IN MEN (MROS) STUDY

Presenting author: N. C. Harvey

Authors: A. Odén, E. Orwoll, J. Lapidus, T. Kwok, M. Karlsson, B. Rosengren, O. Ljunggren, C. Cooper, E. V. McCloskey, J. A. Kanis, C. Ohlsson, D. Mellström, H. Johansson

14.49

Podium

P850

A NURSE-LED FRACTURE LIAISON SERVICE HAS POTENTIAL TO MAXIMISE THE DIAGNOSIS AND TREATMENT OF OSTEOPOROSIS: RESULTS OF THE HOOF PROJECT

Presenting author: C. Armstrong

Authors: F. Heaney, S. R. Kearns, W. Curtin, J. P. McCabe, C. G. Murphy, M. F. Delaney, J. J. Carey

14.56

Podium

P828

RELATIONSHIPS BETWEEN DNA METHYLATION AND MUSCULOSKELETAL HEALTH FROM AN EPIGENOME WIDE ASSOCIATION STUDY: THE HERTFORDSHIRE COHORT

Presenting author: E. M. Curtis

Authors: P. Titcombe, M. Edwards, S. Barton, P. Tsai, E. M. Dennison, J. Bell, T. Spector, A. Valdes, C. Bell, N. C. Harvey, C. Cooper

15.03

Podium

P115

MICROSTRUCTURAL ANALYSIS OF SUBCHONDRAL BONE IN KNEE OSTEOARTHRITIS

Presenting author: L. A. Holzer

Authors: M. Kraiger, A. Leithner, G. Holzer

14.00 - 15.00

ESCEO SYMPOSIA

Meeting Room 5

Recommendations for the appropriate use of Hyaluronic Acid in the daily management of osteoarthritis

Chairpersons: Cyrus Cooper, François Rannou

- *Welcome and scope of the problem* Cyrus Cooper
 - *Mode of action of Hyaluronic Acid in osteoarthritis* Gabriel Herrero-Beaumont
 - *Recommendations for the appropriate use of Hyaluronic Acid in daily management of osteoarthritis* François Rannou
 - *Discussion - Leader* François Rannou
 - *Wrap-up and conclusion* Cyrus Cooper
- Panel: Roy D. Altman, Olivier Bruyère, Cyrus Cooper, Gabriel Herrero-Beaumont, Tim McAlindon, Alberto Migliore, Karel Pavelka, François Rannou, Jean-Yves Reginster, Daniel Uebelhart

Meeting Room 6

ESCEO Working Group: Regulatory aspects of Rheumatoid Arthritis, in Europe, in 2017

Chairpersons: Maarten Boers, Pierre Miossec

- *Welcome and introduction* Jean-Yves Reginster
 - *New EMA guidelines on clinical investigation of medicinal products for the treatment of RA* Pierre Miossec
 - *ESCEO consensus advice to EMA regarding the guidelines* Maarten Boers
 - *Discussion*
 - *Conclusion* Maarten Boers
- Panel: Maarten Boers, Pierre Miossec, Thierry Thomas, Chris Edwards, Jean-Yves Reginster

SATURDAY MARCH 25

14.00 - 15.00

ESCEO-FIRMO SYMPOSIUM

Meeting Room 3

The Research Agenda on Non-classical Actions of Cholecalciferol

Chairpersons: Maria Luisa Brandi, Maurizio Cutolo

- *Actions of Cholecalciferol on Cardiovascular and Immune Functions* Heike A. Bischoff-Ferrari
 - *The Role of Cholecalciferol on Malignancy* Francesco Bertoldo
 - *Discussion - Leader* Maria Luisa Brandi
 - *Conclusion and Wrap-up* Maurizio Cutolo
- Panel: Francesco Bertoldo, Heike A. Bischoff-Ferrari, Maria Luisa Brandi, Olivier Bruyère, Cyrus Cooper, Maurizio Cutolo, John A. Kanis, Jean-Marc Kaufman, Jean-Yves Reginster, René Rizzoli

15.00 - 17.00

Auditorium A

SCIENTIFIC SESSION IV

Chairpersons: Bess Dawson-Hughes, Stefania Maggi

15.00

Auditorium A

Plenary Lecture 7

- *New perspectives in the treatment of frailty and sarcopenia* Bruno Vellas

15.30

Auditorium A

Presentation of the ESCEO-AgNovos Healthcare Young Investigator Awards

Jean-Yves Reginster

15.35

Auditorium A

Presentation of the Best CNS Booth

Jean-Yves Reginster, Philippe Halbout

15.40

Auditorium A

Oral communications selected from abstracts

15.40

Auditorium A

OC30

25-HYDROXYVITAMIN D RESPONSE TO GESTATIONAL CHOLECALCIFEROL SUPPLEMENTATION IS ASSOCIATED WITH COMMON VITAMIN D RELATED GENETIC VARIANTS: FINDINGS FROM THE MAVIDOS TRIAL

Presenting author: R. J. Moon

Authors: N. C. Harvey, C. Cooper, S. D'angelo, E. M. Curtis, S. R. Crozier, S. M. Robinson, N. J. Graham, J. W. Holloway, N. J. Bishop, S. Kennedy, A. T. Papageorgiou, I. Schoenmakers, R. Fraser, S. V. Gandhi, A. Prentice, H. Inskip, K. Javaid

15.50

Auditorium A

OC31

FERMENTED DAIRY PRODUCTS CONSUMPTION IS ASSOCIATED WITH ATTENUATED CORTICAL BONE LOSS INDEPENDENTLY OF TOTAL CALCIUM, PROTEIN AND ENERGY INTAKES IN POSTMENOPAUSAL WOMEN

Presenting author: E. Biver

Authors: C. Durosier-Izart, F. Merminod, T. Chevalley, S. Ferrari, R. Rizzoli

16.00

Auditorium A

OC32

PUBLIC HEALTH AND ECONOMIC IMPACT OF VITAMIN D-FORTIFIED DAIRY PRODUCTS FOR FRACTURE PREVENTION IN FRANCE

Presenting author: M. Hilgsmann

Authors: N. Burlet, P. Fardellone, N. Al-Daghri, J.-Y. Reginster

16.10

Auditorium A

OC33

THE DETERIORATION OF BONE MICROSTRUCTURE IS ASSOCIATED WITH INCIDENT FRAGILITY FRACTURE. THE OFELY STUDY.

Presenting author: R. D. Chapurlat

Authors: R. D. Chapurlat, R. Zebaze, Y. Peng, B. Lucy, E. Seeman, E. Sornay-Rendu

16.20

Auditorium A

OC34

CALCIUM INTAKE ASSESSMENT BY CALCIUM CALCULATOR IN AN ITALIAN POPULATION: VALIDATION STUDY

Presenting author: L. Vannucci

Authors: B. Pampaloni, L. Cianferotti, I. Faggiani, G. Gronchi, M. L. Brandi

16.30

Auditorium A

Plenary Lecture 8

- *What do genetics studies bring to the understanding of osteoporosis?* Maria Luisa Brandi

17.00 - 18.30

Auditorium A

INDUSTRY-SPONSORED SATELLITE SYMPOSIUM

17.00 - 18.30

Auditorium B

INDUSTRY-SPONSORED SATELLITE SYMPOSIUM

18.40 - 19.40

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

SUNDAY MARCH 26

08.00 - 09.00

NON-SPONSORED SYMPOSIA

Meeting Room 1

Cortical Porosity and Trabecular Bone Score: Are both important?

Chairpersons: Eugene McCloskey

- *Skeletal determinants of fracture risk – can we do better?* Eugene McCloskey
- *Role of cortical porosity in fracture risk and potential implication for clinical practice* Ego Seeman
- *Role of trabecular bone Score in fracture risk and use in clinical routine* Neil Binkley

Meeting Room 2

Osteoporosis management in the Balkan countries

Chairpersons: Sekib Sokolovic, Sansin Tüzün

- *Opening remarks* Sekib Sokolovic
- *Osteoporosis diagnosis and management in Serbia* Aleksandar Dimic
- *Osteoporosis diagnosis and management in Turkey* Ülkü Akarimak
- *Management of the silent disease in Romania* Andrea Ildiko Gasparik
- *Strategy for the treatment of osteoporosis in Greece: the ELECost paradigm* George Lyrakis
- *Osteoporosis diagnosis and management in Bosnia and Herzegovina* Sekib Sokolovic
- *Closing remarks* All

Meeting Room 4

Osteoporosis in Turkey: National osteoporosis prevention health programs by The Turkish Osteoporosis Society

Chairpersons: Ozlen Peker, Sema Oncel

- *Welcome and introduction* Ozlen Peker
- *Welcome and introduction* Sema Oncel
- *Current Status of Osteoporosis in Turkey* Ozlem El
- *Prevention of Osteoporotic Fractures in Turkey: Similarities and Differences with Europe* Funda Calis
- *Male Osteoporosis: Turkish Data* Yesim Gokce Kutsal
- *Presentation of an epidemiological study named TUR-BOR-OS* Yesim Kirazli

Meeting Room 7

Assessment and management of sarcopenia : The Liège experience.

Chairpersons: Jean Petermans, Olivier Bruyère

- *Sarcopenia in community dwelling subjects : the SarcoPhAge study* Charlotte Beaudart
- *Sarcopenia in nursing home residents : the SENIOR cohort* Fanny Buckinx
- *Nutritional needs of sarcopenic patients : a study using indirect calorimetry in a geriatric unit* Sophie Allepaerts

08.00 - 09.00

ESCEO Symposium under the auspices of WHO-EUGMS-IAGG-GARN and IOF

Meeting Room 5

Pitfalls in the measurement of Lean Body Mass: a need for standardization

Chairpersons: John Beard, Bruno Vellas

- *Welcome* Islene Araujo de Carvalho
 - *Scope of the meeting* Cyrus Cooper
 - *Why do we need standardization of Appendicular Lean Body Mass (ALBM) Assessment?* Marjolein Visser
 - *How can we achieve standardization of Appendicular Lean Body Mass (ALBM) Assessment?* Klaus Engelke
 - *Discussion - Leader* Francesco Landi
- Panel: Nasser Al-Daghri, Sophie Allepaerts, Jotheeswaran Amuthavalli Thiyagarajan, Islene Araujo de Carvalho, Ivan Bautmans, John Beard, Maria Luisa Brandi, Olivier Bruyère, Fanny Buckinx, Tommy Cederholm, Francesca Cerreta, Matteo Cesari, Antonio Cherubini, Cyrus Cooper, Alfonso Cruz Jentoft, Bess Dawson-Hughes, Elaine M. Dennison, Klaus Engelke, Roger Fielding, John A. Kanis, Jean-Marc Kaufman, Francesco Landi, Andrea Laslop, Stefania Maggi, Eugene McCloskey, Jean Petermans, Jean-Yves Reginster, René Rizzoli, Sian Robinson, Yves Rolland, Ricardo Rueda, Bruno Vellas, Marjolein Visser

09.00 - 10.00

EDUCATIONAL LECTURE

Meeting Room 3

- *Does bone microstructure matter?* Ego Seeman

SUNDAY MARCH 26

09.00 - 10.00

MEET-THE-EXPERT SESSIONS

Meeting Room 1

- *Rare bone disease: novel treatment approaches*
Maria Luisa Brandi

Meeting Room 2

- *Assessment of frailty and sarcopenia in daily practice*
Stefania Maggi

Meeting Room 4

- *Management of osteoporosis in males*
Jean-Marc Kaufman

10.00 - 12.10

Auditorium B

SCIENTIFIC SESSION V

Chairpersons: Maria Luisa Brandi, Nicholas Harvey

10.00

Auditorium B

Plenary Lecture 9

- *When is it time to stop osteoporosis treatment?*
Eugene McCloskey

10.30

Auditorium B

Presentation of the 2017 ESCEO-IOF Pierre Meunier Young Scientist Award

René Rizzoli

10.40

Auditorium B

Oral communications selected from abstracts

10.40

OC35

DNA METHYLATION AT THE RXRA PROMOTER AT BIRTH IS ASSOCIATED WITH GESTATIONAL VITAMIN D SUPPLEMENTATION: RESULTS FROM THE MAVIDOS TRIAL

Presenting author: E. M. Curtis

Authors: E. Cook, N. Krstic, S. D'angelo, S. Crozier, R. Moon, R. Murray, E. Garrat, P. Costello, N. J. Bishop, S. Kennedy, A. Papageorgiou, I. Schoenmakers, R. Fraser, S. Gandhi, A. Prentice, K. Javaid, H. Inskip, K. Godfrey, C. Bell, C. Cooper, K. Lilycrop, N. C. Harvey

10.50

Auditorium B

OC36

HIP AND OTHER FRACTURE RISK IN PATIENTS RECEIVING TERIPARATIDE IN REAL-WORLD CLINICAL PRACTICE: POOLED DATA FROM FOUR PROSPECTIVE OBSERVATIONAL STUDIES

Presenting author: S. L. Silverman

Authors: K. G. Saag, B. Langdahl, N. Napoli, S. Fujiwara, S. Soen, D. P. Disch, F. Marin, H. Enomoto, J. H. Krege

11.00

Auditorium B

OC37

BRIEF HIGH INTENSITY EXERCISE IMPROVES BONE POSTURE AND FUNCTIONAL RISK FACTORS FOR FALLING IN POSTMENOPAUSAL WOMEN WITH OSTEOPENIA AND OSTEOPOROSIS: THE LIFTMOR TRIAL

Presenting author: B. R. Beck

Authors: B. K. Weeks, L. J. Weis, A. T. Harding, S. A. Horan, S. L. Watson

11.10

Auditorium B

OC38

BALLOON KYPHOPLASTY COMPARED TO PERCUTANEOUS VERTEBROPLASTY: WHAT IS THE EVIDENCE?

Presenting author: P. R. Ebeling

Authors: A. J. Rodriguez, H. A. Fink, L. Mirigian, N. Guanabens, R. Eastell, K. Åkesson, D. Bauer

11.20

Auditorium B

OC39

LONG-TERM PROSPECTIVE COHORT STUDY OF A LOCAL OSTEO-ENHANCEMENT PROCEDURE (LOEP) TO TREAT PROXIMAL FEMURS OF POST-MENOPAUSAL OSTEOPOROTIC WOMEN

Presenting author: J. Howe

Authors: B. Huber, D. Favell, R. Hill, M. Bouxsein, K. Engelke, H. Genant

11.30

Auditorium B

OC40

SPINAL LOADING ESTIMATES FROM A DETAILED MUSCULOSKELETAL MODEL OF THE THORACOLUMBAR SPINE EXPLAIN THE HIGH INCIDENCE OF VERTEBRAL FRACTURES AT THE THORACOLUMBAR REGION

Presenting author: M. L. Bouxsein

Authors: A. G. Bruno, B. Allaire, H. Mokhtarzadeh, D. E. Anderson, K. Burkhart

11.40

Auditorium B

Plenary Lecture 10

- *Can we reduce falls and fractures?* René Rizzoli

12.30

End of the Congress

SPONSORED SATELLITE SYMPOSIA

THURSDAY, MARCH 23

20.20 - 21.20

Auditorium A

MYLAN WELCOME COCKTAIL

FRIDAY, MARCH 24

08.00 - 09.00

AGNOVOS HEALTHCARE BREAKFAST EDUCATIONAL LECTURE - BY INVITATION ONLY

2017 ESCEO-AgNovos Young Investigator Award Event

- ▶ *Welcome* James Howe
- ▶ *Building a Career in Research and Clinical Practice*
Serge Ferrari
- ▶ *Presentation of Research: 2017 Young
Investigators*

08.00 - 09.00

Meeting Room 5

BRUNO FARMACEUTICI EDUCATIONAL LECTURE

Calcifediol: Perspectives for Clinical Applications in 2017

Chairperson: Maria Luisa Brandi

- ▶ *Introduction* Maria Luisa Brandi
- ▶ *Control of Mineral Metabolism: the ADDID Study*
Salvatore Minisola
- ▶ *Comparison of in vivo Function of Calcifediol vs.
Cholecalciferol* Heike A. Bischoff-Ferrari
- ▶ *General Discussion*
- ▶ *Conclusions* Maria Luisa Brandi

12.15 - 13.45

Auditorium A

MYLAN LUNCH SYMPOSIUM - REAL-LIFE ENDORSEMENT OF THE ESCEO ALGORITHM FOR THE MANAGEMENT OF KNEE OA

Chairpersons: Cyrus Cooper, Maurizio Cutolo

- ▶ *Survey of ESCEO algorithm: methodology and
results* Olivier Bruyère
- ▶ *The need for evidence-based assessment of the
long-term efficacy of medications in knee
osteoarthritis: a new systematic review and network
meta-analysis* Lucio C. Rovati
- ▶ *Interactive session: evaluating the results of the
survey of ESCEO algorithm. Presentation of new
ESCEO projects* Jean-Yves Reginster

12.15 - 13.45

Auditorium B

RADIUS HEALTH LUNCH SYMPOSIUM - ADVANCING THE MANAGEMENT OF OSTEOPOROSIS

Chairperson: Serge Ferrari

- ▶ *Mechanisms of Improved Bone Strength Through
Pharmacological Interventions* Serge Ferrari
- ▶ *Addressing the Unmet Need and Burden of
Osteoporosis* René Rizzoli
- ▶ *Treating to Goal, Is Now the Time?* Michael R. McClung

17.00 - 18.30

Auditorium B

IBSA SATELLITE SYMPOSIUM - TIME TO IMPROVE THE MANAGEMENT OF OSTEOARTHRITIS: LET US FORGET THE OLD STEREOTYPES

Chairpersons: Jean-Yves Reginster, Marc Hochberg

- ▶ *Welcome and introduction* Marc Hochberg
- ▶ *Advanced knee osteoarthritis: surgical versus
pharmacological treatment?* Lee Simon
- ▶ *Osteoarthritis-related increase in all-cause
mortality: implications for pharmacological
management* Cyrus Cooper
- ▶ *Daily management of knee osteoarthritis: from the
ESCEO algorithm to the CONCEPT study*
Jean-Yves Reginster
- ▶ *Discussion and conclusion* Jean-Yves Reginster

SATURDAY, MARCH 25

12.15 - 13.45

Auditorium A

CERIN-EMF-GDP LUNCH SYMPOSIUM - DAIRY PRODUCTS AND BONE IN 2017: FROM HEALTH BENEFITS TO HEALTH ECONOMICS

Chairperson: René Rizzoli

- ▶ *Dairy products: Facts or fantasy* Jean-Yves Reginster
- ▶ *Dairy and Older People: evidence to support the
policies* Miriam Casey
- ▶ *Saving lives and resources by preventing
osteoporotic fractures with dairy products*
Mickaël Hiligsmann

SPONSORED SATELLITE SYMPOSIA

12.15 - 13.45

Auditorium B

AMGEN LUNCH SYMPOSIUM - MAKING FRACTURE PREVENTION A PRIORITY

Chairperson: Maria Luisa Brandi

- *Welcome and introduction* Maria Luisa Brandi
- *Finding the patient with increased risk of fracture – A call to action!* Juliet Compston
- *Optimizing osteoporosis patients management in the short and long term* Serge Ferrari
- *Patient case discussion – what would you do for this patient?* All

17.00 - 18.30

Auditorium A

ELI LILLY SYMPOSIUM - TREATING PATIENTS WITH SEVERE OSTEOPOROSIS - WHAT'S NEW?

Chairperson: Salvatore Minisola

- *Welcome and introduction* Salvatore Minisola
- *Recent Evidence of the Effects on Human Bone Tissue of Anti-osteoporosis Drugs* David W. Dempster
- *Treating Severe Osteoporosis Patients with Teriparatide: A Clinical Update* David L. Kendler
- *Questions and answers* All
- *Summary and Symposium close* Salvatore Minisola

17.00 - 18.30

Auditorium B

KYOWA KIRIN SYMPOSIUM - PHOSPHATE WASTING DISORDERS OF INTEREST TO THE BONE METABOLISM EXPERT

Chairperson: Maria Luisa Brandi

- *Metabolism of phosphate and phosphatonins* Maria Luisa Brandi
- *XLH in childhood – challenges in diagnosis and treatment* Outi Mäkitie
- *The XLH clinic: Assessment of an adult XLH patient* Kassim Javaid
- *Clinical cases of XLH in adults: A wide spectrum of presentations* Carola Zillikens

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WORLD CONGRESS ON OSTEOPOROSIS,
OSTEOARTHRITIS AND MUSCULOSKELETAL DISEASES

2018 **Krakow**



April 19-22

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