

	SATURDAY 17 MAY	SUNDAY 18 MAY	MONDAY 19 MAY	TUESDAY 20 MAY
08:00	07:30-20:00 REGISTRATION OPEN	07:30-19:30 REGISTRATION OPEN	07:30-19:30 REGISTRATION OPEN	07:30-17:00 REGISTRATION OPEN
08:30		08:30-09:30 Symposium 1: Osteocytes and calcium homeostasis	08:30-09:30 Symposium 3: Vascular Calcification	08:00-09:00 Symposium 5: Anabolic treatment of osteoporosis
09:00	09:00-09:30 COFFEE	09:30-10:30 Orals 1 and Orals 2	09:30-10:30 Orals 3 and Orals 4	09:00-10:00 Hot Topics
09:30				
10:00	09:30-12:00 Clinical Update	10:30-11:00 COFFEE AND POSTERS	10:30-11:00 COFFEE & POSTERS	10:00-10:45 COFFEE
10:30			10:30-11:00 ECTS AGM	
11:00		11:00-12:30 Workshop 1: Extracellular vesicles: from old to new frontiers Workshop 2: Genetics of bone disease	11:00-12:30 Workshop 3: Blood supply in pathophysiology of bone Workshop 4: Endocrine regulation of bone	10:45-12:15 Workshop 5: The interactive extracellular matrix Workshop 6: Osteoimmunology
11:30				
12:00	12:00-12:30 LUNCH			
12:30		12:30-14:00 LUNCH AND EXHIBITION	12:30-14:00 LUNCH AND EXHIBITION	12:15-13:15 LUNCH AND POSTERS
13:00	12:30-15:00 Clinical Update	12:30-14:00 Alexion Satellite Symposium	12:30-14:00 Amgen Satellite Symposium	12:15-13:15 MTP, Parallel Sessions & New Investigator Workshop 3
13:30	12:30-15:00 Allied Health Professionals Session			
14:00		14:00-15:00 Symposium 2: Maintaining muscle during life	14:00-15:00 Symposium 4: Imaging - from cell to structure	13:15-14:15 Symposium 6: New approaches to fracture prediction
14:30				14:15-15:15 Orals 5 and Orals 6
15:00	15:00-15:15 BREAK	15:00-15:15 Awards 2	15:00-16:00 Oral Posters 2	15:15-15:30 Closing Ceremony & Awards 3
15:30	15:15-16:45 MSD Satellite Symposium	15:15-16:15 Oral Posters 1	Pre-clinical Clinical	
16:00		16:15-17:00 POSTER RECEPTION & COFFEE	16:00-17:00 POSTER RECEPTION & COFFEE	
16:30	16:45-17:15 BREAK			
17:00		17:00-18:00 Meet the Professor 1 New Investigator Workshop 1	17:00-18:00 Meet the Professor 2 New Investigator Workshop 2	
17:30	17:15-18:45 Satellite Symposium 2			
18:00		18:00-19:30 Educational Symposium 1	18:00-19:30 Educational Symposium 2	
18:30	18:45-19:15 BREAK			
19:00	19:15-21:15 Opening Ceremony including Awards 1 and Clinical Debate: 'There are more benefits than risks associated with HRT in postmenopausal women'			
19:30				
20:00	21:15 Welcome Reception	20:30-22:00 ECTS New Investigator Seminar and Gathering		
20:30				
21:00				

PROGRAMME DETAIL

Symposium 1:

Osteocytes and calcium homeostasis

- Periosteocytic osteolysis in preclinical models
- Osteocytes and cortical bone loss in human bone diseases

Symposium 2:

Maintaining muscle during life

- Making muscle in the embryo and the adult, role of muscle stem cells
- New targets for pharmacological treatment of sarcopenia in old age

Symposium 3:

Vascular calcification

- Mechanisms of vascular calcification
- Clinical aspects

Symposium 4:

Imaging - from cell to structure

- Multiphoton microscopy of cell migration
- Imaging and fracture risk prediction

Symposium 5:

Anabolic treatment of osteoporosis

- Limitations to anabolic stimulation of bone formation
- Clinical use of anabolic drugs

Symposium 6:

New approaches to fracture prediction

- Virtual physiological human
- Treat to target

CLINICAL DEBATE:

There are more benefits than risks associated with HRT in postmenopausal women

For the Motion: John Stevenson (UK)

Against the Motion: Jane Cauley (USA)

Workshop 1:

Extracellular vesicles: from old to new frontiers

- Matrix vesicles and mineralisation
- Tumour derived vesicles in bone metastasis
- Extracellular RNAs and cell to cell communication

Workshop 2:

Genetics of bone disease

- GWAS - what comes next?
- Epigenetics and metabolomics
- Pharmacogenetics

Workshop 3:

Blood supply in pathophysiology of bone

- Functional role of blood vessels in bone
- Role of glucocorticoids and vascular function in bone
- Blood supply and fracture repair

Workshop 4:

Endocrine regulation of bone

- Hyponatremia, sodium metabolism and bone
- Clinical: Bone sparing glucocorticoids
- Thyroid hormones and bone

Workshop 5:

The interactive extracellular matrix

- The non collagenous matrix network in bone and cartilage
- Collagenous matrix and cell behaviour
- Skeletal genetic diseases involving matrix proteins

Workshop 6:

Osteoimmunology

- Osteochondral alterations in osteoarthritis
- Inflammation, bone destruction and osteoproliferation in spondylarthritis
- TRAP-5b mutations and immunology