

XXV Congresso Nazionale



SIOMMMS

Società Italiana dell'Osteoporosi
del Metabolismo Minerale
e delle Malattie dello Scheletro

13 | 14 | 15 | dicembre | 2025

Aula Magna Centro Didattico Le Scotte - SIENA



SIOMMMS-IFMRS Fellow Day 2025

13 December 2025

08:45-09:00 **Welcome and presentation**

Bruno Frediani, SIOMMMS President - Siena (Italy)
Agostino Gaudio, SIOMMMS Scientific Committee Coordinator - Catania (Italy)
Federico Moscogiuri, IFMRS CEO - London (UK)
Biagio Palmisano, Rome (Italy)

09:00-09:30 **MEET THE PROFESSOR - Interactive Seminar**

Cancer and Bone: a toxic partnership
Claire Edwards, Oxford (UK)
Chairs: Biagio Palmisano, Rome (Italy) - Erica Scheller, St. Louis (USA)

09:30-10:25 **Presentation and discussion of research projects by selected junior investigators - 1st part**

- Chairs: Biagio Palmisano, Rome (Italy) - Erica Scheller, St. Louis (USA)*
- 01. Bone fragility and liver fibrosis in patients with MAFLD and Type 2 Diabetes: from Bone Mineral Density to Trabecular Bone Score**
Cecilia Olivieri, Messina (Italy)
 - 02. The exercise-mimetic irisin increases the size of hippocampus and dentate gyrus and up-regulates the expression of key factors of neuroplasticity in aged mice**
Luisa Pellicani, Bari (Italy)
 - 03. Bone-Muscle Alterations in a Triple Transgenic Mouse Model of Alzheimer's Disease: Early Manifestations of AD**
Federica Piccolo, Foggia (Italy)
 - 04. Novel dietary regimen in mice may allows investigation of mild diabetic phenotype: focus on sex differences and Dipeptidyl-peptidase 3 influence in bone**
Maria Lucia Schiavone, Milan (Italy)

10:25-10:40 **Coffee break**

10:40-10:55 **MEET THE FELLOW**

From clinic to bench and back: exploring the role of Wnt signaling in Bone and Glucose Metabolism
Giulia Leanza, Rome (Italy)
Chairs: Graziana Colaïanni, Bari (Italy) - Adalbert Raimann, Wien (Austria)

10:55-12:00 **Presentation and discussion of research projects by selected junior investigators - 2nd part**

- Chairs: Graziana Colaïanni, Bari (Italy) - Adalbert Raimann, Wien (Austria)*
- 01. Effect of antiresorptive therapies on post-parathyroidectomy bone mass gain in primary hyperparathyroidism: a pilot study**
Nicolò Bisceglia, Bologna (Italy)

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02. Associations of Circulating Inflammatory Markers with Bone Microarchitecture in Older Men: Findings from the MrOS Study

Malak Faraj, Rome (Italy)

03. Exploring bone formation mechanism and pattern during RANKL inhibition in a mouse model of Fibrous dysplasia

Giorgia Farinacci, Rome (Italy)

04. N-azacytidine inhibits the growth of the myeloma cells, while preserving the osteogenic capacity of bone marrow stromal cells from multiple myeloma patients

Tamara Kukolj, Belgrade (Serbia)

05. ER stress modulates RANKL expression in osteogenic cells

Chiara Tavanti, Rome (Italy)

12:00-12:40

Interactive Lunch

12:40-14:00

Presentation and discussion of research projects by selected junior investigators - 3rd part

Chairs: Alberto Falchetti, Milan (Italy) - Giulia Leanza, Milan (Italy)

01. Biochemical and Ultrasound Markers of Bone Health in Children with Cerebral Palsy

Cristina Dettori, Pisa (Italy)

02. Bone Health in Transgender Athletes: Longitudinal Assessment Using DXA and Cross-Sectional Assessment Using pQCT

Blair R. Hamilton, Manchester (UK)

03. The Protective Role of Glutathione in bone and brain neurodegeneration

Francesca Cristiana Piritore, Verona (Italy)

04. Irisin treatment counteracts bone loss in aged mice by decreasing sclerostin expression, possibly also in skeletal muscle

Michela Taurino, Bari (Italy)

05. Modulation of the load-sensitive biomarkers FNDC5 and irisin in a 6° head-down bed-rest model of simulated microgravity

Onofrio D. Terrevoli, Bari (Italy)

06. Prevalence and Predictive Role of Prothrombotic and Cardiovascular Risk Factors in a Cohort of Patients with CRPS: Preliminary Results from a Bicentric Observational Study

Auora Torlasco, Pavia (Italy)

14:00-14:05

Closing remarks and take-home messages

Alberto Falchetti, Milan (Italy) - Federico Mosconi, London (UK)



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