



1ST INTERNATIONAL MEETING ON ENDOCRINE-RELATED OSTEOPOROSIS

Catania

October 28th-29th, 2022

Hotel Mercure Excelsior

Scientific Programme

Chairs

Simone Cenci, *Milan* - Iacopo Chiodini, *Milan*
Alberto Falchetti, *Milan* - Agostino Gaudio, *Catania*
Luigi Gennari, *Siena* - Nicola Napoli, *Rome*
Andrea Palermo, *Rome* - Fabio Vescini, *Udine*

Faculty

Giovanni Adami, <i>Italy</i>	Luigi Gennari, <i>Italy</i>
Elena Ambrogini, <i>USA</i>	Luca Giovanelli, <i>Italy</i>
Athanasios Anastasilakis, <i>Greece</i>	Andrea Giusti, <i>Italy</i>
Mario Barbagallo, <i>Italy</i>	Francesco Grassi, <i>Italy</i>
Antonino Belfiore, <i>Italy</i>	Franco Grimaldi, <i>Italy</i>
John Bilezikian, <i>USA</i>	Vito Guarneri, <i>Italy</i>
Roger Bouillon, <i>Belgium</i>	Bente Langdahl, <i>Denmark</i>
Elisa Cairoli, <i>Italy</i>	Stavros Manolagas, <i>USA</i>
Aldo Eugenio Calogero, <i>Italy</i>	Maria Materozzi, <i>Italy</i>
Rossella Cannarella, <i>Italy</i>	Gherardo Mazziotti, <i>Italy</i>
Salvatore Cannavò, <i>Italy</i>	Ciro Menale, <i>Italy</i>
Vincenzo Carnevale, <i>Italy</i>	Daniela Merlotti, <i>Italy</i>
Pietro Castellino, <i>Italy</i>	Salvatore Minisola, <i>Italy</i>
Antonino Catalano, <i>Italy</i>	Anda M. Naciu, <i>Italy</i>
Simone Cenci, <i>Italy</i>	Nicola Napoli, <i>Italy</i>
Iacopo Chiodini, <i>Italy</i>	Ranuccio Nuti, <i>Italy</i>
Luisella Cianferotti, <i>Italy</i>	Andrea Palermo, <i>Italy</i>
Cristiana Cipriani, <i>Italy</i>	Giovanni Passeri, <i>Italy</i>
Roberto Civitelli, <i>USA</i>	Jessica Pepe, <i>Italy</i>
Graziana Colaianni, <i>Italy</i>	Luca Persani, <i>Italy</i>
Roberta Cosso, <i>Italy</i>	Francesco Purrello, <i>Italy</i>
Ligia Dominguez, <i>Italy</i>	Richard Quinton, <i>UK</i>
Richard Eastell, <i>UK</i>	Domenico Rendina, <i>Italy</i>
Peter Ebeling, <i>Australia</i>	Alfredo Scillitani, <i>Italy</i>
Alberto Falchetti, <i>Italy</i>	Gaia Tabacco, <i>Italy</i>
Cristiano Maria Francucci, <i>Italy</i>	Elena Tsourdi, <i>Germany</i>
Francesco Frasca, <i>Italy</i>	Fabio Vescini, <i>Italy</i>
Bruno Frediani, <i>Italy</i>	Elizabeth Martha Winter, <i>The Netherlands</i>
Lucia Frittitta, <i>Italy</i>	Mone Zaidi, <i>USA</i>
Agostino Gaudio, <i>Italy</i>	

Local Organizing Committee

Antonino Belfiore, *Catania* - Aldo Eugenio Calogero, *Catania*
Pietro Castellino, *Catania* - Lucia Frittitta, *Catania*
Agostino Gaudio, *Catania* - Francesco Purrello, *Catania*

Friday • October 28, 2022

14:30 Welcome and Introduction.

15:00 **Lecture I**

Bone as an Endocrine Organ: from Animal Models to the Clinic. *R. Civitelli, Saint Louis (USA)*

Chairs: P. Castellino, Catania - B. Langdahl, Aarhus (Denmark)

15:30 **Symposium I**

Glucose Metabolism and the Skeleton.

Chairs: A. Anastasilakis, Thessaloniki (Greece)

A. M. Naciu, Rome - F. Purrello, Catania

- Bone Fragility in Diabetes.
E. Winter, Leiden (The Netherlands)
- Stratification of Fracture Risk in Diabetes.
L. Gennari, Siena
- Treatment of Bone Fragility in Diabetes.
N. Napoli, Rome

16:45 **Lecture II**

Mitochondrial Dysfunction, Ageing and Endocrine Disorders. *S. Cenci, Milan*

Chairs: M. Barbagallo, Palermo - C. Menale, Naples

17:15 *Coffee break*

17:45 **Symposium II**

Adrenal Glands and the Skeleton.

Chairs: E. Cairoli, Milan - B. Frediani, Siena

L. Persani, Milan

- Endogenous Glucocorticoid Excess and Bone.
I. Chiodini, Milan
- Aldosterone and Bone.
A. Scillitani, San Giovanni Rotondo
- Management of Glucocorticoid Induced Osteoporosis.
A. Giusti, Arenzano

19:00 **Lecture III**

The Role of Oxidized Phospholipids in Bone Metabolism.
E. Ambrogini, S. Manolagas - Little Rock (USA)

Chairs: L. Dominguez, Palermo - G. Passeri, Parma

Saturday • October 29, 2022

8:30 **Poster snapshots.**

Chairs: E. Cairoli, Milan

V. Guarnieri, San Giovanni Rotondo

9:00 **Lecture IV**

Vitamin D and Bone: from Pathophysiology to Treatment. *R. Bouillon, Leuven (Belgium)*

Chairs: I. Chiodini, Milan - R. Nuti, Siena

9:30 **Symposium III**

Parathyroid, Calcium Balance and Bone.

Chairs: C. M. Francucci, Ancona - F. Frasca, Catania

S. Minisola, Rome

- Pathophysiology of Parathyroid Disorders: the Lesson from Rare Diseases.

A. Falchetti, Milan

- Primary Hyperparathyroidism and Bone.

C. Cipriani, Rome

- Hypoparathyroidism: Skeletal Implications and Treatment. *A. Palermo, Rome*

10:45 *Coffee break*

11:10 **Symposium IV**

Phosphate, Sodium and Bone.

Chairs: J. Pepe, Rome - A. Scillitani, San Giovanni Rotondo

- Phosphate Handling, FGF23 and Bone.

D. Rendina, Naples

- Sodium and Bone. *F. Vescini, Udine*

12:00 **Abstract Presentations**

Chairs: G. Colaianni, Bari - F. Grassi, Bologna

13:00 **Lunch and Posters**

Poster Chairs:

a) **Clinical:** *A. Catalano, Messina - R. Cosso, Milan*
A. M. Naciu, Rome

b) **Basic:** *V. Guarnieri, San Giovanni Rotondo*
M. Materozzi, Milan - C. Menale, Naples

14:15 **Lecture V**

Update on the Skeletal Effects of Sex Steroid Hormones.
R. Quinton, Newcastle (UK)

Chairs: P. Ebeling, Melbourne (Australia) - D. Merlotti, Siena

14:45 **Symposium V**

Sex Hormone Deficiency, Hypogonadism and Bone.

Chairs: V. Carnevale, San Giovanni Rotondo

A. Gaudio, Catania - E. Winter, Leiden (The Netherlands)

- Endocrine-related and -unrelated Causes of OP in Men.
D. Merlotti, Siena
- Management of Estrogen Deficiency in Women.
R. Eastell, Sheffield (UK)
- Skeletal Effects of Hormonal Deprivation Therapy.
L. Cianferotti, Florence

16:00 **Symposium VI**

Pituitary and Bone.

Chairs: A. Belfiore, Catania - S. Cannavò, Messina

F. Grimaldi, Udine

- FSH, Bone Mass and Biological Aging.
M. Zaidi, New York (USA)
- TSH, Thyroid Dysfunction and Bone.
L. Giovanelli, Milan
- GH and Bone. *G. Mazziotti, Milan*

17:15 **Clinical Round Tables Sessions.**

(4 Concurrent Round Tables)

• **Diabetes-related Osteoporosis in Practice.**

Chairs: B. Langdahl, Aarhus (Denmark) - A. Palermo, Rome

Points to be discussed:

- How to Evaluate Fracture Risk in T2D: State of the Art and Future Directions.
Presented by L. Gennari, Siena
- Which Are the Skeletal Effects of the New Oral Antidiabetic Agents?
Presented by B. Langdahl, Aarhus (Denmark)
- Use of Antiresorptive Vs. Bone Anabolic Agents to Prevent Fracture Risk in T2D: Potential Indications and Concerns.
Presented by N. Napoli, Rome

• **Cortisol Milieu and Comorbidities.**

Chairs: E. Cairoli, Milan - G. Mazziotti, Milan

Points to be discussed:

- Are There Tissue Specific Thresholds for the Negative Effects of Hypercortisolism?
Presented by I. Chiodini, Milan

- Skeletal Effects of the Medical Therapy of Cushing Syndrome.

Presented by A. Scillitani, S. Giovanni Rotondo

- Anabolic or Antiresorptive Treatments for Glucocorticoid Induced Osteoporosis.

Presented by G. Adami, Verona

- **Parathyroids, Vitamin D and Calcium Balance.**

Chairs: J. Bilezikian, New York (USA) - G. Tabacco, Rome

Points to be discussed:

- Precision Medicine in Parathyroid Diseases and Disorders of Phosphate Metabolism.

Presented by A. Falchetti, Milan

- When and How Should Vitamin D Supplementation Be Recommended?

Presented by R. Bouillon, Leuven (Belgium)

- Benefits and Harms of Active Vitamin D Metabolites.

Presented by S. Minisola, Rome

- **Hormone Deprivation and Skeletal Health.**

Chairs: P. Ebeling, Melbourne (Australia)

D. Merlotti, Siena

Points to be discussed:

- Are Subclinical Hypothyroidism and Hyperthyroidism a Concern for Skeletal Health?

Presented by E. Tsourdi, Dresden (Germany)

- Estrogen and Androgen Replacement Therapies: Indications and Concerns.

Presented by R. Cannarella, Catania

- Withdrawal of Long Term Antiresorptive Regimens in Patients on Hormone Deprivation Therapy.

Presented by A. Anastasilakis, Thessaloniki (Greece)

18:00 **Clinical Round Tables Sessions Report and Conclusions.**

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Venue

Hotel Mercure Excelsior
Piazza G. Verga 39, Catania

Registration fees

Standard fee: € 200,00 VAT included

Registration fees include: meeting attendance, attendance certificate (not valid for CME credits), refreshments as per meeting program.

It will be possible to register via the online meeting registration system.

ECM (CME credits)

The meeting will apply for Italian CME credits (provider: Proactiva sas, Agenas No. 1598).

More information can be obtained on the meeting website.

Organizing secretariat

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