

## GENERAL INFORMATION

### Scientific Director

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### Scientific Committee

Prof. Dr. Markus Herrmann – Department of Laboratory Medicine, Bolzano/Bozen (I)  
Dr. Giancarlo Isaia – University of Turin (I)  
Dr.ssa Graziana Colaianni – University of Bari (I)  
Dr. Egon Perilli – Flinders University, Adelaide (AUS)  
Dr.ssa Christina Tomasi – Bolzano (I)

### Congress Secretary and Provider (ID-100)

 HighStyle Medical Congress Service  
Piazza Mazzini Platz 43 – 39100 Bolzano/Bozen (I)  
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### ECM Credits (Nr. 9)

**ECM Event Nr. 8136** (\*) for Physicians, Biologist, Chemical, Dentists, Health Care Assistants, Scientists, Nurses, Pharmacists, Physiotherapist, Dietitian, Laboratory-Orthopedic-Radiology Technicians, Odontologist

### Registration

<https://www.ecmbz.it>  
<http://www.South-Tyrolean-Diagnostic-Forum.com>

### Registration Fees

(\*) € 200,00  
Trainees: € 50,00  
Students: free

VAT exempt art. 10.

### Payment

Bank transfer banking fees to be covered by participant

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### Language

English, German, Italian (simultaneous translation will be offered in all three languages)

### Venue

Bolzano is easily accessible by airplane, train or car.  
The Sparkasse Academy Convention Centre is located in the historical city center and only a short walk from the train station of Bolzano.

Under the patronage of



In cooperation with  
Società Italiana di Patologia Clinica e  
Medicina di Laboratorio (SIPMeL)



# 4<sup>th</sup> International South Tyrolean Diagnostic Forum

## Frontiers in osteoporosis and malignant bone disease



IDM Südtirol/Frieder Blickle

### Sparkasse Academy Cassa di Risparmio

16 Cassa di Risparmio-Sparkasse Str.  
Bolzano-Bozen  
December 1-2, 2016

## THURSDAY 1<sup>st</sup> of DECEMBER

### 08:30 Session 1 – Osteoporosis - Overview

#### **Osteoporosis - Clinical and epidemiological aspects**

Dr. Giancarlo Isaia (I, Torino)

#### **Bone – Anatomical and physiological aspects**

Dr.ssa Maria Grano (I, Bari)

#### **Pathophysiology of osteoporosis**

Prof. Gustavo Duque (AUS, Melbourne)

#### **Diagnostic approach to osteoporosis and assessment of fracture risk**

Dr.ssa Silvia Zanoni, (I, Bolzano)

### 10:30 Coffee Break

### 11:00 Session 2 – Pathophysiology of osteoporosis

#### **Special pathophysiologic aspects of osteoporosis**

Prof. Peter Ebeling, (AUS, Melbourne)

#### **Vitamin D - Biochemistry and Physiology**

Prof. Etienne Cavalier (B, Liegi)

#### **Vitamin D supplementation – effects on bone muscle function**

Prof. Heike Bischoff-Ferrari (CH, Zürich)

#### **The role of homocysteine in degenerative bone disease**

Prof. Markus Herrmann (I, Bolzano)

#### **Glucocorticoid-induced osteoporosis – Pathomechanistic and therapeutic aspects**

Prof. Sandro Giannini (I, Padova)

### 12:45 Lunch

### 14:00 Session 3 – Clinical case discussion

Two Clinical Cases (Gustavo Duque, AUS, Melbourne)

Two Clinical Cases (Peter Ebeling, AUS Melbourne)

Two Clinical Cases (Maria Luisa Brandi, Florence, Italy)

### 15:00 Session 4 – Novel aspects in osteoporosis

#### **Toxic effects of adipose tissue within the bone marrow**

Gustavo Duque, (AUS, Melbourne)

#### **Osteocalcin – A hormone in glucose and fat metabolism**

Markus Herrmann, (I, Bolzano)

#### **Pharmacotherapy of osteoporosis – Beyond bisphosphonates**

Prof. Davide Gatti (I, Verona)

### 16:15 Coffee Break

### 16:45 Session 5 – Biomechanical and nutritional aspects of osteoporosis

#### **Biomechanical aspects of osteoporosis**

Dr. Egon Perilli, (AUS, Adelaide)

#### **Exercise and bone health – What is the evidence**

Dr. Graziana Colaiani (I, Bari)

#### **Nutrition and bone health**

Dr.ssa Cristina Tomasi, (I, Bolzano)

## FRIDAY 2<sup>nd</sup> of DECEMBER

### 09:00 Session 6 – SIPMEL: The role of the clinical laboratory for the management of metabolic bone disease

#### **Bone Mineralization Uncovered Misteries**

Prof. Maria Luisa Brandi (I, Florence)

#### **Sclerostin: a 2016 update**

Dr. G. Mori (I, Foggia)

#### **A 2016 update on bone turnover markers: the analytical side**

Dr. Elisabetta Stenner (I, Trieste)

#### **A 2016 update on bone turnover markers: the clinical side**

Dr. Renato Tozzoli (I, Pordenone)

### 10:30 Coffee Break

### 11:00 Session 7 - Bone and cancer

#### **Metastatic bone disease**

Prof. Franz Jakob, (GER, Würzburg)

#### **Multiple myeloma – Clinical aspects**

PD Dr. Thomas Widmann (GER, Triberg)

#### **Multiple myeloma – Mechanistic aspects**

Dr. Silvia Colucci, (I, Bari)

#### **Vitamin status and cellular aging**

Dr. Irene Pusceddu (I, Bolzano)

### 12:30 Evaluation Test

### 13:00 End of the congress