



# ECTS-MELLANBY CENTER TRAINING COURSE: BONE TURNOVER MARKERS

*A Pre-Congress programme of the 44th ECTS Annual Meeting, ECTS 2017, 13-16 May 2017, Salzburg, Austria*

[www.ects2017.org](http://www.ects2017.org)

## » Clinical Use of Bone Turnover Markers

**FRIDAY 12 MAY 2017**

**08.45 - 17.30 hrs**

**Salzburg Congress  
Auerspergstrasse 6  
5020 Salzburg, Austria**

CPD Approval in process

SUPPORTED BY:





## INVITATION TO ATTEND

I am delighted to invite you to the ECTS-Mellanby Center Training Course: Clinical Use of Bone Turnover Markers, to be held in Salzburg, Austria, 12 May 2017.

The intention of this course is to apply the scientific knowledge and research expertise developed within the Mellanby Centre to offer high quality training for clinicians, allied health professionals and laboratory scientists working in the field of osteoporosis and other metabolic bone diseases.

I am very excited to be offering this programme of training and hope that you will come and join us in the historical city of Salzburg. I look forward to welcoming you.

**Richard Eastell**  
PROGRAMME CHAIR  
Director of the Mellanby Centre  
for Bone Research

## Friday 12 May 2017: Clinical Use of Bone Turnover Markers (BTM)

CHAIR: Richard Eastell (Sheffield, UK)

**Course overview:** Bone Turnover Markers (BTM) have long been used as diagnostic tests for metabolic bone diseases. In the past 20 years, markers that are more specific to bone have been introduced and have been found to be useful in osteoporosis, particularly for monitoring treatment. This course aims to provide a background to the clinical use of bone turnover markers.

**Target audience:** This day-long course is open to clinicians (e.g. endocrinology, rheumatology, care of the elderly and clinical chemistry), laboratory scientists and nurses involved in the clinical management of patients at risk of osteoporotic fractures.

**Objectives:** At the end of the course, participants should:

- understand the process of bone remodelling and how this can be studied using BTM.
- appreciate the methods used for measuring BTM and their sources of variability.
- be able to identify the role of BTM in the diagnosis and monitoring of bone diseases in a number of clinical settings including; osteoporosis, chronic kidney disease, Paget's disease, osteomalacia, GIOP and PHPT.
- be familiar with best practice in the clinical use of BTM.

**CPD:** Applications for CPD have been submitted

## TOPICS & SPEAKERS

**Bone turnover markers: An introduction** *Richard Eastell (Sheffield, UK)*

**Bone remodelling and the interpretation of BTM results** *Nuria Guañabens (Barcelona, Spain)*

**Practical aspects of measurement and selection of marker** *Christian Meier (Basel, Switzerland)*

**Sources of variability in BTM** *Jennifer Walsh (Sheffield, UK)*

**Use of BTM in osteoporosis: Shared care protocols in primary care** *Richard Eastell (Sheffield, UK)*

### INTERACTIVE WORKSHOPS

**GROUP A: Protocols and case examples for the use of BTM in osteoporosis practice** *Jennifer Walsh (Sheffield, UK)*

**GROUP B: Using BTM for osteoporosis treatment: Research application** *Richard Eastell (Sheffield, UK) and Nuria Guañabens (Barcelona, Spain)*

**Metabolic bone diseases in adults (Pagets, Osteomalacia, GIOP & PHPT)** *Eugene McCloskey (Sheffield, UK)*

**Metabolic bone disease of chronic kidney disorder** *Barbara Obermayer-Pietsch (Graz, Austria)*

**When and how to use bone histomorphometry** *Erik Eriksen (Oslo, Norway)*

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**GROUP B: Using BTM in metabolic bone disease** *Eugene McCloskey (Sheffield, UK) and Nuria Guañabens (Barcelona, Spain)*

**EXPERT PANEL: Questions and answers** *All speakers*

**REGISTRATIONS:** Register online via the ECTS 2017 website at [www.ects2017.org/registration](http://www.ects2017.org/registration)

COURSE FEES	ECTS Member	Non-Member
Single Day	€150	€200
In Cobination with ECTS 2017	€100	

Other combinations are possible and available at [www.ects2017.org/registration](http://www.ects2017.org/registration)

Course fee includes: Attendance at training course, Lunch and refreshments, handbook of speaker slides

**CONTACT:** Mondial Congress & Events, [ects2017@mondial-congress.com](mailto:ects2017@mondial-congress.com), Tel: +43 1 588 04 0