

The  
Mellanby  
Centre  
*for Bone Research*



 **ECTS**  
European Calcified Tissue Society



# MELLANBY CENTRE/ECTS TRAINING COURSE: DIAGNOSTIC TESTS FOR OSTEOPOROSIS

[www.BTMcourse2018.cz](http://www.BTMcourse2018.cz)

» **Clinical Use of Bone Turnover Markers**

**FRIDAY 11 MAY 2018**

**8:45 am – 5:30 pm**

**The Orea Hotel Voroněž \*\*\*\***  
Křížkovského 47  
603 73 Brno, the Czech Republic

SUPPORTED BY





## INVITATION TO ATTEND

I am delighted to invite you to the **Mellanby Center/ECTS Training Course: Diagnostic Tests for Osteoporosis**, to be held in Brno, the Czech Republic, 11 May 2018.

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 Brno. I look forward to welcoming you.

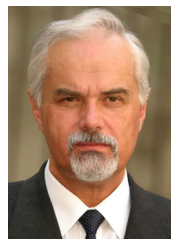
Richard Eastell  
PROGRAMME CHAIR

*Director of the Mellanby Centre  
for Bone Research*

## INTRODUCTION

Dear colleagues,

It is a great privilege for the Czech Society for Metabolic Bone Diseases to host **Mellanby Center/ECTS Training Course on Bone Turnover Markers**. Top-level scientists will present “everything” about BTM – information needed for clinical osteologists, clinical biochemists and everybody who is involved in metabolic bone diseases diagnostics and treatment. Use this opportunity and enjoy it!



Vladimír Palicka  
*President of the Czech  
Society for Metabolic  
Bone Diseases*

## BASIC INFORMATION

**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, elderly care 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

**Endorsement and CPD:** Applications for CPD will be submitted to the Czech and Slovak national bodies.

- 8:45 – 9:30 am **REGISTRATION and coffee**
- 9:30 – 9:35 am **BONE TURNOVER MARKERS: AN INTRODUCTION**
- 9:35 – 10:05 am **BONE REMODELLING & THE INTERPRETATION OF BONE TURNOVER MARKER (BTM) RESULTS**  
*Richard Eastell (Sheffield, UK)*
- 10:05 – 10:35 am **PRACTICAL ASPECTS OF MEASUREMENT & SELECTION OF MARKER**  
*Barbara Obermayer-Pietsch (Graz, Austria)*
- 10:35 – 11:05 am **SOURCES OF VARIABILITY IN BTM**  
*Jennifer Walsh (Sheffield, UK)*
- 11:05 – 11:30 am **Coffee Break**
- 11:30 am – noon **USE OF BTM IN OSTEOPOROSIS: SHARED CARE PROTOCOLS IN PRIMARY CARE**  
*Jennifer Walsh (Sheffield, UK)*
- noon – 1:00 pm **INTERACTIVE WORKSHOPS**  
**Group A:** Protocols & Case Examples for the use of BTM in osteoporosis practice  
*Jennifer Walsh (Sheffield, UK) & Richard Pikner (Klatovy, Czech R.)*  
**Group B:** Submitted case discussion  
*Eugene McCloskey (Sheffield, UK) & Vladimír Palicka (Hradec Kralove, Czech R.)*  
**Group C:** Using BTM for osteoporosis treatment: research application  
*Richard Eastell (Sheffield, UK) & Jan Rosa (Prague, Czech R.)*
- 1:00 – 1:40 pm **Lunch**
- 1:40 – 2:30 pm **METABOLIC BONE DISEASES IN ADULTS**  
(Pagets, Osteomalacia, Giop & Phpt)  
*Eugene McCloskey (Sheffield, UK)*
- 2:30 – 3:00 pm **METABOLIC BONE DISEASE OF CHRONIC KIDNEY DISORDER**  
*Barbara Obermayer-Pietsch (Graz, Austria)*
- 3:00 – 3:30 pm **WHEN AND HOW TO USE BONE HISTOMORPHOMETRY**  
*Richard Eastell (Sheffield, UK)*
- 3:30 – 3:50 pm **Coffee break**
- 3:50 – 4:50 pm **INTERACTIVE WORKSHOPS**  
**Group A:** Protocols for the use of BTM in osteoporosis practice  
*Jennifer Walsh (Sheffield, UK) & Richard Pikner (Klatovy, Czech R.)*  
**Group B:** Case discussion  
*Richard Eastell (Sheffield, UK) & Jan Rosa (Prague, Czech R.)*  
**Group C:** Using BTM in metabolic bone disease  
*Eugene McCloskey (Sheffield, UK) & Vladimír Palicka (Hradec Kralove, Czech R.)*
- 5:10 – 5:30 pm **EXPERT PANEL: Questions & answers**  
*All Speakers*
- 5:30 pm **CLOSE OF DAY**

## REGISTRATION & MORE INFORMATION

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On-line registration

[www.BTMcourse2018.cz](http://www.BTMcourse2018.cz)



## COURSE FEES

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before 20<sup>th</sup> April

**CZK 1950 Kč / €78**

after 21<sup>st</sup> April

**CZK 2500 / €100**

***Course fee includes:***

Attendance at training course, lunch and coffee breaks, handbook of speakers' slides.

## CONTACT

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**Produkce BPP s. r. o.**

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