



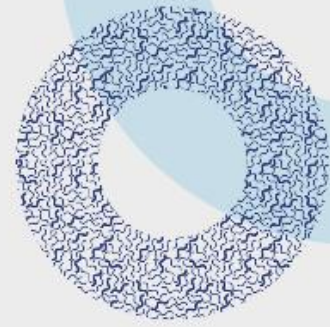
Danish Diabetes and
Endocrine Academy

Symposium on
Metabolic bone disease:
Clinical and Basic
Perspectives

2-3 May 2024

Comwell H.C. Andersen
Odense/ ODEON
Claus Bergs Gade 7
5000 Odense DK

Session overview



Day 1

Opening of the symposium

Session I

Session II

Session III

Thursday, 2 May

Treating osteoporosis: sequential treatment; treat to target

What you need to know inside and outside of the bone

Posters

Day 2

Session IV

Session V

Session VI

Closing of the symposium

Friday, 3 May

Rare bone diseases and management

Exercise and anabolic signaling in bone

Calories and cellular metabolism of bone

Programme

Thursday 02 May

14:45-15:15 Registration, hang posters, coffee & tea

15:15-15:30 **Opening of the symposium**

Education & Networking Manager **Gretchen Repasky**, Danish Diabetes and Endocrine Academy (DK); Associate Professor **Alexander Rauch**, University of Southern Denmark (DK); Professor **Bente Langdahl**, Aarhus University (DK); Professor **Morten Frost**, University of Southern Denmark (DK); and Professor **Ryan Riddle**, University of Maryland (USA)

Session I **Treating osteoporosis: sequential treatment; treat to target**

Chair: Professor **Morten Frost Nielsen**, University of Southern Denmark (DK)

15:30-16:00 Sequential treatment of osteoporosis

Professor **Bente Langdahl**, Aarhus University (DK)

16:00-16:10 Questions & answers

16:10-16:20 Short break

16:20-16:50 Treat to target in osteoporosis

Professor **Richard Eastell**, University of Sheffield, Medical School (UK)

16:50-17:00 Questions & answers

17:00-17:30 Coffee break

Session II **What you need to know inside and outside of the bone**

Chair: Associate Professor **Alexander Rauch**, University of Southern Denmark (DK)

17:30-18:00 How osteocytes and osteoblasts control the strength of cortical bone

Professor **Nathalie Sims**, University of Melbourne (AU)

18:00-18:10 Questions & answers

18:10-18:20 Short break

18:20-18:50 Single-cell RNA sequencing: Unravelling the bone one cell at a time

Research Officer **Ryan Chai**, Garvan Institute of Medical Research (AU)

18:50-19:00 Questions & answers

19:00-20:30 Dinner in the hotel restaurant

Session III **Poster session with wine, snacks, coffee & dessert**

Chair: Education and Networking Manager **Gretchen Repasky**, Danish Diabetes and Endocrine Academy (DK)

20:30-21:00 Poster pitches

21:00- Posters & networking

Programme

Friday 03 May

07:00-08:00 Breakfast at the hotel for those staying overnight at the hotel

08:00-08:20 Arrival, light breakfast

08:20-08:30 Welcome back

Education & Networking Manager **Gretchen Repasky**, Danish Diabetes and Endocrine Academy (DK)

Session IV Rare bone diseases and management

Chair: Professor **Bente Langdahl**, Aarhus University (DK)

08:30-09:00 How to map your patient with a rare bone disease

Internist-Endocrinologist **Natasha Appelman-Dijkstra**, Leiden University Medical Center (NL)

09:00-09:10 Questions & answers

09:10-09:20 Short break

09:20-09:50 New treatments of rare bone and calcium metabolic diseases

Professor **Lars Rejnmark**, Aarhus University Hospital (DK)

09:50-10:00 Questions & answers

10:00-10:30 Coffee & tea break

Session V Exercise and anabolic signaling in bone

Chair: Professor **Ryan Riddle**, University of Maryland (US)

10:30-11:00 Determinants of fracture risk in older adults: Consideration for

exercise protocols

Professor **Wolfgang Kemmler**, Friedrich-Alexander University
Erlangen-Nürnberg (DE)

11:00-11:10 Questions & answers

11:10-11:20 Short break

11:20-11:50 Bone building molecular targets: lessons from mechanical
signaling in skeletal tissues

Professor **Alex Robling**, Indiana University School of Medicine
(US)

11:50-12:00 Questions & answers

12:00-13:15 Lunch in Odeon Social

Session VI Calories and cellular metabolism of bone

Chair: Professor **Ryan Riddle**, University of Maryland (US)

13:15-13:45 Bone metabolism in anorexia nervosa

Associate Professor **Pouneh Fazeli**, University of Pittsburgh
(US)

13:45-13:55 Questions & answers

13:55-14:05 Short break

14:05-14:35 The skeleton as a metabolic powerhouse

Assistant Professor **Steve Stegen**, Catholic University of Leuven
(BE)

14:35-14:45 Questions & answers

14:45-15:00 Reflection and closing of the symposium

Organisers of the scientific programme

15:00- Informal networking with coffee, tea, cake, fruit
Farewell

Organising Committee Scientific Programme

Alexander Rauch, Associate Professor, University of Southern Denmark (DK)

Bente Langdahl, Professor, Aarhus University (DK)

Morten Frost Nielsen, Professor, University of Southern Denmark (DK)

Ryan Riddle, Professor, University of Maryland (USA)