



Vitamin D Workshop Preliminary Program

March 29 – 31, 2016

Boston, MA, USA

Tuesday, March 29

- 3:00 - 6:00 pm Registration
5:00 - 8:00 pm Welcome Reception and Plenary Posters

Wednesday, March 30

- 8:00 - 5:00 pm Registration
8:00 - 8:15 am Opening Remarks

8:15 - 10:05 am **Vitamin D and the Immune System**

Robert Modlin, MD, Los Angeles, CA, USA

The Vitamin D Antimicrobial Pathway in Mycobacterial Infection

Bart Roep, MD, PhD, Los Angeles, CA, USA

Tissue Specific Immune Modulation using 1,25(OH)₂ Vitamin D₃ Modulated Tolerogenic Dendritic Cells in Type 1 Diabetes

Promoted Abstracts (TBA)

- 10:05 - 10:25 am Coffee Break

10:25 - 11:15 am **Clinical Plenary Lecture**

Scott Weiss, MD, Boston, MA, USA

Results of VDAART: Vitamin D Supplementation in Pregnancy and Childhood Asthma Trial

11:15 - 12:25 pm **Analogs, VDR Structure and Molecular Mechanism of 1,25(OH)₂D₃ Action**

Natacha Rochel, PhD, Strasbourg, France

Structural Determinants of VDR Interactions with Ligands and Co-activators

Promoted Abstracts (TBA)

- 12:25 - 2:00 pm Poster Session (with Lunch)

2:00 - 3:25 pm **Vitamin D and Cancer**

Enikoe Kallay, PhD, Vienna, Austria

Cross Talk between the Vitamin D System and the Calcium Sensing Receptor in Preventing Colorectal Cancer

Promoted Abstracts (TBA)

3:25 - 3:45 pm Coffee Break

3:55 - 5:40 pm **Vitamin D, Bone and Muscle**

Rene St-Arnaud, PhD, Montreal, Canada

Optimal Bone Fracture Repair Requires 24,25-dihydroxyvitamin D and its Effector Molecule, FAM57B2

Geert Carmeliet, MD, Leuven, Belgium

The Role of the VDR in the Skeleton: Direct or Indirect?

Bess Dawson-Hughes, MD, Boston, MA, USA

Vitamin D and Muscle Function

Promoted Abstracts (TBA)

5:40 - 6:00 pm Recognition of Young Investigator and Travel Awardees

6:00 - 9:00 pm Networking Banquet

Thursday, March 31

8:00 - 12:00 pm Registration

8:00 - 8:55 am **Basic/Translational Plenary Lecture**

Paolo Sassone-Corsi, PhD, Irvine, CA, USA

The Interplay between Nutrition, Metabolism, Microbiota and the Circadian Clock

8:55 - 9:50 am **Vitamin D and the Intestine**

Margherita Cantorna, PhD, University Park, PA, USA

Vitamin D and the Microbiota Cooperate to Regulate Gastrointestinal Homeostasis and Inflammatory Bowel Disease

Promoted Abstracts (TBA)

9:50 - 10:05 am Coffee break

10:05 - 11:25 am **Vitamin D and Reproduction**

Genevieve Neal-Perry, MD, PhD, Seattle, WA, USA

Vitamin D and Reproductive Dysfunction: Neuroendocrine Origins

Martin Blomberg-Jensen, DMSc, MD, Boston, MA, USA

Vitamin D and Male Reproduction: Clinical Relevance?

Promoted Abstracts (TBA)

- 11:25 - 12:25 pm **The Debate: Back to the Future, Beyond 25D**
What Should we Measure: DBP, Bioavailable 25-hydroxyvitamin D or 1,25-dihydroxyvitamin D?
- Panel Members: Inez Schoenmakers, PhD, Cambridge, UK
 Dan Bikle, MD, PhD, San Francisco, CA, USA
 Ravi Thadhani, MD, MPH, Boston, MA, USA
- 12:25 - 2:00 pm Poster Session (with Lunch)
- 2:00 - 3:35 pm **Vitamin D Hydroxylases**
- Tom Carpenter, MD, New Haven, CT, USA
Heterozygous and Homozygous Phenotypes of Cyp 24A1 Mutations
- Tom Thacher, MD, Rochester, MN, USA
CYP2R1 Mutations Causing Vitamin D-deficiency Rickets
- Promoted Abstracts (TBA)
- 3:35 - 5:40 pm **Metabolism and Nutrition**
- Anne Schafer, MD, San Francisco, CA, USA
Vitamin D and Intestinal Calcium Transport Post Bariatric Surgery
- Paul Lips, MD, PhD, Amsterdam, the Netherlands
Vitamin D and Type II Diabetes
- Promoted Abstracts (TBA)
- 5:40 - 6:00 pm Closing Announcements