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)_{2}D_{3} 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*
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*

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*

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)
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

Poster Session (with Lunch)

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*

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*

Closing Announcements