

# Navigating The Sea of Genomic Data

October 28 - 29, 2015

ADA Headquarters Building, 211 E. Chicago Avenue, Chicago, IL 60611

## WEDNESDAY, OCTOBER 28

### ◆ 1:00 - 1:15 PM

- **Welcome:** Sebastian Ciancio\*\*, DDS, Distinguished Service Professor & Chair, Dept. of Periodontics & Endodontics, University at Buffalo, Executive Director, Task Force on Design and Analysis in Oral Health Research
- **Opening Comments:** Michael Glick, DMD, Dean Emeritus, University at Buffalo; Daniel Meyer, DDS, Chief Science Officer, American Dental Association
- **Moderator:** Maria Ryan\*, DDS, PhD, Professor & Chair, Dept. of Oral Biology, SUNY at Stony Brook

### ◆ 1:15 - 2:00 PM

- **Keynote Presentation:** John Ioannidis, MD, Professor of Health Research and Policy, Stanford University

### ◆ 2:00 - 2:15 PM

- Q & A

### ◆ 2:15 - 2:30 PM • Break

### ◆ 2:30 - 3:15 PM

- **Emerging Concepts in Understanding Genomics:** Thomas Hart, DDS, PhD, Director, Volpe Research Center, National Institute of Standards and Technology

### ◆ 3:15 - 4:00 PM

- **Lessons from GWAS Studies:** Teri Manolio, MD, PhD, Director, Division of Genomic Research, National Human Genome Research Institute

### ◆ 4:00 - 4:45 PM

- **Panel Discussion of Afternoon Proceedings:** John Ioannidis, MD; Thomas Hart, DDS, PhD, and Teri Manolio, MD, PhD

## THURSDAY, OCTOBER 29

- **Moderator:** John Gunsolley\*\*, DDS, MS, Professor of Periodontics, Virginia Commonwealth University

### ◆ 8:00 - 8:15 AM

- **Opening Comments and Summary of Day 1:** Michael Glick, DMD and Daniel Meyer, DDS

◆ **8:15 - 9:00 AM**

- **Understanding Genomic Testing:** A. Cecile J.W. Janssens, MA, MSc, PhD, Professor, Faculty of Epidemiology, Emory University.

◆ **9:00 - 9:15 AM**

- **Q & A**

◆ **9:15 - 10:00 AM**

- **Statistical Issues in Data Analysis:** John Barnard, PhD, Head, Section of Statistical Genetics and Bioinformatics, The Cleveland Clinic.

◆ **10:00 - 10:15 AM • Break**

◆ **10:15 - 11:00 AM**

- **Epigenetics, RNA and Missing Heritability:** Michael Stitzel, PhD, Assistant Professor, The Jackson Laboratory of Genomic Medicine

◆ **11:00 - 11:45 AM**

- **Panel Discussion:** John Gunsolley\*\*, DDS, MS, A. Cecile J.W. Janssens, MA, MSc, PhD, John Barnard, PhD, Emily Harris, PhD, MPH, NIDCR

◆ **11:45 AM – 12:45 PM • Lunch**

- **Moderator:** Bruce L. Pihlstrom\*\*, DDS, MS, Associate Editor for Research, Journal of the American Dental Association

◆ **12:45 - 1:30 PM**

- **Future of Genomic and Genetic Testing in Healthcare:** Robert Wildin, MD, Chief, Genomic Healthcare Branch, National Human Genome Research Institute

◆ **1:30 - 2:15 PM**

- **Genomic Education for Clinicians:** Debra Regier, MD, PhD, Director of Genetic and Genomic Education, Children's National Health System

◆ **2:15 - 2:30 PM • Break**

◆ **2:30 - 3:15 PM**

**Genomic Testing in Dentistry:** Thomas Hart, DDS, PhD, Director, Volpe Research Center, National Institute of Standards and Technology; James Simmer, DDS, PhD, Professor of Biologic and Material Sciences, University of Michigan

◆ **3:15 - 4:00 PM**

- **Panel Discussion:** Robert Wildin, MD, Debra Regier, MD, PhD, and Bruce L. Pihlstrom\*\*, DDS, MS

◆ **4:00 - 4:15 PM**

- **Summary and Next Steps:** Michael Glick, DMD, Daniel Meyer, DDS

\*Task Force Board Members

\*\* Task Force Officers