

## 2017 Genomics Medicine Symposium Agenda

- 9:00-9:10                    Opening Remarks  
**Daniel Kelly, M.D.**  
Tavistock Distinguished Professor and Scientific Director  
Sanford Burnham Prebys Medical Discovery Institute
- “DOH Bankhead Coley Highlights”  
**Daniel Armstrong, Ph.D.**  
Director, Mailman Center for Child Development  
Professor, Pediatrics & Psychology, and Associate Chair, Dept. of Pediatrics  
University of Miami Sylvester Comprehensive Cancer Center
- SESSION 1: Epigenetics and Cancer Therapeutics**
- 9:10-9:40                    “Disordered Histone Methylation in Hematological Malignancy”  
**Jonathan Licht, M.D.**  
Director, UF Health Cancer Center  
Professor, Dept. of Medicine | Dept. of Biochemistry and Molecular Biology  
University of Florida
- 9:40-10:10                 “Drugging the undruggable: KRAS as a target for cancer therapy”  
**Garth Powis, D. Phil**  
Professor | Director  
NCI-designated Cancer Center  
Sanford Burnham Prebys Medical Discovery Institute
- 10:10-10:40                “Re-opening the X-files: nuclear receptor regulated macrophage gene  
expression and metastasis control”  
**Laszlo Nagy, M.D., Ph.D.,**  
Director and Professor, Genomic Control of Metabolism Program  
Sanford Burnham Prebys Medical Discovery Institute
- 10:40-11:00                BREAK
- SESSION 2: Genomics Medicine Translation**
- 11:00-11:30                “Liquid Biopsy – Urine specific nuclei acid & metabolites as prostate cancer  
biomarkers”  
**Ranjan Perera, Ph.D.**  
Scientific Director, Analytical Genomics and Bioinformatics  
Associate Professor, Integrative Metabolism Program  
Sanford Burnham Prebys Medical Discovery Institute
- 11:30-12:00                “Microbiome and disease association: opportunities and challenges”  
**Shibu Yooseph, Ph.D.**  
Professor, Computer Science  
Genomics and Bioinformatics cluster Lead

College of Engineering and Computer Science  
University of Central Florida

12:00-12:30

“Genomic Medicine: The Changing Role of Regulators — Active Leaders or Passive Bystanders?”

**Larry Lesko, Ph.D., F.C.P.**

Professor | Director

Center for Pharmacometrics & Systems Pharmacology University of Florida  
Research and Academic Center

12:30-1:30

BREAK –LUNCH

**SESSION 3: Genomics Medicine Technologies**

1:30-2:00

“Precision Medicine-Challenges and Opportunities”

**Jane Gibson, Ph.D.**

Professor of Pathology

College of Medicine

University of Central Florida

2:00-2:30

“Enabling Cancer Genomics with Next-Generation Sequencing”

**Gary Schroth, Ph.D.**

Distinguished Scientist, VP Research and Development

Illumina Corporation

2:30-3:00

“Reinventing Liquid Biopsy Research for Rare Variant Detection using NGS”

**Kelli Bramlett**

Director of R&D, Clinical Sequencing Division

Thermo Fischer Scientific

Closing Remarks