

Program

Saturday, March 12, 2016

9:00 AM–10:00 AM

Keynote Lecture

About Chomsky, DNA Patterns, non-Coding RNAs and Cancer Patients

George Calin, MD Anderson Cancer Center, Houston, Texas

10:00 AM–1:00 PM

Plenary Session I: MiRNAs as Biomarkers of Tissue Injury or Disease across Organ Systems

Chairs:

Heidrun Ellinger-Ziegelbauer, Bayer Pharma AG, Wuppertal, Germany
Igor Pogribny, US FDA-NCTR, Jefferson, Arkansas

The ILSI/HESI miRNA Rat Atlas Project to Identify Tissue-Specific miRNA Expression

Aaron Smith, Lilly Research Laboratories, Indianapolis, Indiana

Discovery of Glomerular Versus Tubular Injury Specific Urinary miRNA Biomarkers in Rodents

Rounak Nassirpour, Pfizer, Cambridge, Massachusetts

Session Break

MiRNA-206 As a Useful Biomarker of Skeletal Muscle Injury

Masayuki Kanki, Astellas, Osaka, Japan

Plasma miRNAs as Potential Early Biomarkers for Acute Cardiac Injury

Andre da Costa, UCB BioPharma, Brussels, Belgium

MiRNAs Signatures of Prostate Cancer in Urinary Exosomes

Peter Mouritzen, Exiqon, Denmark

1:00 PM–2:30 PM

Lunch and Poster Session – Room 217

All meeting attendees are encouraged to attend the Poster Session and enjoy a free lunch. More than 20 posters on current miRNA research will be presented. Network with your colleagues and enjoy some New Orleans favorites!

2:30 PM–5:30 PM

Plenary Session II – Technical Considerations for Measurement and Analysis of Small Non-Coding RNA in Biofluids

Chairs:

Karol Thompson, US FDA, Silver Spring, Maryland
Michael Lawton, Pfizer, Groton, Connecticut

Measurement Methodology and Experimental Considerations for miRNA Quantification

Jami Elliott, Quantigen Genomics, Indianapolis, Indiana

Extracellular Vesicle Enrichment of miRNA in Biofluids

Kenneth Witwer, Johns Hopkins University, Baltimore, Maryland

Classes of Small Non-Coding RNA in Biofluids

Kendall Van Keuren-Jensen, TGen, Phoenix, Arizona

Session Break

Reference Samples for miRNA Measurements

Scott Pine, National Institute of Standards and Technology, Gaithersburg, Maryland

Bioinformatics Challenges for Next Generation Sequencing Analysis of miRNA Expression

Weida Tong, US FDA-NCTR, Jefferson, Arkansas

5:30 PM

Closing Remarks

Alison Harrill, University of Arkansas for Medical Sciences, Little Rock, Arkansas
Warren Glaab, Merck, West Point, Pennsylvania