



Translational Symposia to Be Presented at Experimental Biology 2014
April 26-30, 2014
San Diego Convention Center
San Diego, California

Symposium I: Sunday, April 27, 2014, 8:00-10:00 AM in Room 27

Nucleic Acid Aptamers: An Emerging Frontier in the Diagnosis and Treatment of Disease

Chaired by: Francis J. Miller, MD
Paloma H. Giangrande, PhD
University of Iowa

Overview of Session and Perspectives

Paloma H. Giangrande, PhD
University of Iowa

Novel technologies for Rapid Discovery of Aptamers

H. Tom Soh, PhD
University of California at Santa Barbara

Aptamer-Targeted RNA Therapeutics: a Novel Platform for Cancer Immunotherapy

Eli Gilboa, PhD
University of Miami

Cell-Targeted Therapies for Cardiovascular Disease

Francis Miller, MD
University of Iowa

Therapeutic Potential of Aptamer and Aptamer-siRNA Conjugates for Treatment of HIV-1

Jiehua Zhou, PhD (John J. Rossi Lab)
Beckman Research Institute, City of Hope, California

Symposium II: Monday, April 28, 2014, 8:00-10:00 AM in Room 23

Bioactive Lipids in Lung Inflammatory Diseases

Resolvins in the resolution of lung inflammation

Bruce Levy, MD
Harvard Medical School

Oxidized Lipids Regulate Lung Endothelial Barrier Integrity

Konstantin Birukov, MD, PhD
University of Chicago

LPA in Lung Inflammation, Repair and Remodeling

Yutong Zhao, MD, PhD
University of Pittsburgh

Sphingosine Lipids in Lung Fibrosis

Viswanathan Natarajan, PhD
University of Illinois at Chicago

Ceramide in COP

Irina Petrache, MD
University of Indiana

Cardiolipin in acute lung injury

Rama Mallampalli, MD
University of Pittsburgh