

Academy of Clinical Laboratory Physicians & Scientists 44th Annual Meeting

**Crowne Plaza Hotel
Redondo Beach, CA
June 4 – 6, 2009**

The target audience for this meeting includes; Physicians, Laboratory Directors, Scientists and Educators primarily engaged in teaching, research and service in academic medicine.

The learning objectives for this meeting are as follows:

- Discuss the application of Nanotechnology in clinical practice and research
- Describe emerging technologies that are being applied in the clinical laboratory
- Recognize the role of Laboratory Medicine in Individualized Medicine
- Understand the use of Biomarkers in clinical practice

This activity was planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the American Association for Clinical Chemistry (AACC) and the Academy for Clinical Laboratory Physicians and Scientists. The AACC is accredited by the ACCME to provide continuing medical education for physicians.

The AACC designates this continuing medical education activity for a maximum of 12.0 AMA PRA Category 1 CreditsTM. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The AACC also designates this program for a maximum of 12.0 ACCENT[®] credit hours towards the AACC Clinical Chemist's Recognition Award. AACC is an approved provider of continuing education for clinical laboratory scientists in the states of California, Florida, Louisiana, Montana, Nevada, North Dakota, Rhode Island, and West Virginia.

Thursday, June 4, 2009

1:00 pm – 6:00 pm	Registration <i>Lobby Crowne Plaza Hotel</i>
1:00 pm – 3:00 pm	Executive Council Meeting <i>Crowne Plaza Hotel, Mezzanine Room</i>
3:00 pm – 5:30 pm	Nanotechnology Tutorial: Nanotechnology in Clinical Practice <i>Crowne Plaza Hotel, Pacific/Redondo Rooms</i>
3:00-3:50 pm	Shad Thaxton, M.D., Ph.D Assistant Professor, Dept Urology, Northwestern University <u>Polyvalent Gold Nanoparticles for Diagnostic Applications</u>
3:50-4:40 pm	Michael Teitell, M.D., Ph.D Professor, Depts Pathology & Lab Medicine and Pediatrics, Chief of Division of Pediatric & Developmental Pathology, UCLA David Geffen School of Medicine <u>High Throughput Single Cell Biomechanics in Health and Disease</u>
4:45 pm – 5:10 pm	Refreshment Break <i>Crowne Plaza Hotel, Coral Foyer</i>

5:10-6:00 pm

Paul Mischel, M.D, Ph.D

Professor, Depts Pathology & Lab Medicine, and Molecular and Medical Pharmacology, Scientific Director of the Sarkaria Biomarkers program and co-director of the Cancer Stem Cell Program UCLA Institute for Stem Cell Biology, UCLA David Geffen School of Medicine

Personalized Approaches towards the Development of Molecularly Targeted Therapies for Glioblastoma: Integration of New Technologies to Quantify Signal Transduction in Patient Samples

6:30 pm – 9:30 pm

Welcome Reception

Portofino Hotel & Yacht Club, Pacific Ballroom

Friday, June 5, 2009

7:30 am – 8:30 am

Roundtable Discussion Breakfast & Registration

Crowne Plaza Hotel, Seascape Ballroom

8:30 am – 10:00 am

Young Investigator Presentations (5 simultaneous sessions)

Crowne Plaza Hotel,

- *Mezzanine*
- *Redondo 1*
- *Redondo 23*
- *Pacific*
- *Catalina*

10:00 am – 10:30 am

Refreshment Break

Crowne Plaza Hotel, Coral Foyer

10:30 am – 11:45 am

Young Investigator Presentations (5 simultaneous sessions)

Crowne Plaza Hotel,

- *Mezzanine*
- *Redondo 1*
- *Redondo 23*
- *Pacific*
- *Catalina*

11:45 am – 1:00 pm

Lunch

Crowne Plaza Hotel, Seascape

1:10 pm – 2:10 pm

Cotlove Award Lecture

Crowne Plaza Hotel, Pacific Redondo Rooms

Dr. Owen Witte, M.D.

Professor, Dept Microbiology, Immunology & Molecular Genetics, President's Chair in Developmental Immunology, and Professor of Molecular & Medical Pharmacology, Founding Director of the Eli and Edythe Broad Center of Regenerative Medicine and Stem Cell Research, UCLA David Geffen School of Medicine

Imaging Cancer and the Immune Response

2:15 pm – 3:45 pm **Symposium on Utility of Biomarkers in Medicine**

Crowne Plaza Hotel, Pacific Redondo Rooms

2:15 – 3:00 pm **Jonathan Braun, M.D., Ph.D**

Professor and Chair, Depts of Pathology & Lab Medicine and Molecular and Medical Pharmacology, UCLA David Geffen School of Medicine
New Biomarkers in Chronic Inflammatory Disease: The IBD Case

3:00 – 3:45 pm **Steven M. Dubinett, M.D.**

Professor and Chief, Division Med Pulmonology & Critical Care, Director of UCLA Lung Cancer Research Program, UCLA David Geffen School of Medicine
Inflammation regulated biomarkers in lung cancer

3:45 pm – 4:30 pm

Poster Session / Break

Crowne Plaza Hotel, Seascape Ballroom & Coral Foyer

4:30 pm – 5:00 pm

Presentations of New Research by Previous Young Investigators (2 simultaneous talks)

Crowne Plaza Hotel, Location

- *Pacific*
- *Redondo 123*

Gwen McMillin, Ph.D

Assistant Professor, Dept Pathology, Director of Laboratories at ARUP, University of Utah School of Medicine

Personalized pharmacotherapy: strategies and tools for today and tomorrow

Lynn Bry, PhD.

Assistant Professor, Dept Pathology, Brigham & Women's Hospital, Harvard Medical School

Germfree Life and Crimson: Supporting high-throughput discovery pipelines at a national level

6:30 pm – 9:30 pm

Awards Banquet

Crowne Plaza Hotel, Seascape Ballroom

Saturday, June 6, 2009

7:00 am – 8:10 am

Roundtable Discussion Breakfast

Crowne Plaza Hotel, Seascape Ballroom

8:10 – 9:00 am

Ellis Benson Award Lecture

Crowne Plaza Hotel, Pacific/Redondo Rooms

Michael Hodsdon, MD, PhD

Associate Professor, Director Clinical Chemistry Laboratory, Dept Lab Medicine, Yale University

How Cytokine Function is Regulated by Solution Acidity

- 9:00 am – 10:00 am **Joe Miletich, M.D.**
Senior Vice President, Research & Development, Amgen
Laboratory Medicine in the Biopharmaceutical Industry
- 10:00 am – 10:30 am Refreshment Break
Crowne Plaza Hotel, Coral Foyer
- 10:30 am – 12:00 pm **Symposium on Individualized Medicine**
Crowne Plaza Hotel, Location Pacific/Redondo Rooms
- 10:30 am – 11:15 am **Charles Eby, M.D.**
Associate Professor, Dept Laboratory Medicine, Washington University
Pharmacogenetic-based warfarin dosing: what will be the tipping point for acceptance into routine practice.
- 11:15 am – 12:00 pm **Steven R. Sloan, M.D., Ph.D.**
Assistant Professor, Dept Pathology, Harvard
Molecular Genotyping in Transfusion Medicine
- 12:15 pm – 1:45 pm Business Meeting Lunch
Crowne Plaza Hotel, Seascape Ballroom
- 2:00 pm – 4:00 pm Executive Council Meeting
Crowne Plaza Hotel, Mezzanine Room