

28th Annual Mountain West Society of Toxicology

Meeting Agenda

Thursday, September 9th, 2010

7:00-7:30 AM- Pick-up Registration Materials

Location: Ritz-Carlton Pre-Function 3A

7:00-8:00 AM- Continental Breakfast

Location: Ritz-Carlton Plazas 3 and 4

7:30-8:00 AM- Housekeeping and Introduction

Location: Ritz-Carlton Plazas 3 and 4

Donna D. Zhang, PhD and Matthew D. Reed, PhD (MWSOT Vice-President and President)

Plenary Topic: "Impact of environmental insults on cellular redox biology and human disease"

8:00-9:00 AM- Keynote Presentation

Title: Keap1-Nrf2 Signaling as a Target for Disease Prevention

Thomas W. Kensler, PhD

Professor of Pharmacology and Chemical Biology

University of Pittsburgh, Pittsburgh, PA

***9:00 AM-12:30 PM- Plenary Topic-Part I: Cellular Antioxidant and Anti-Stress Signaling Pathways**

9:00-9:30 AM

Title: Sustained Activation of Nrf2/ARE Signaling Leading to Reductive Stress in Mutant Protein Aggregation Cardiomyopathy

Rajasekaran N. Soorappan, PhD.,

Research Assistant Professor of Medicine

Department of Internal Medicine-Division of Cardiology

University of Utah Health Sciences Center, Salt Lake City, Utah

9:30-10:00 AM

Title: Proteomics of oxidative stress-induced cellular injury: an overview of protein targets and mechanistic links

Dennis Petersen, PhD

Professor of Pharmacogenetics and Pharmacology

Department of Pharmaceutical Sciences

University of Colorado, Denver, CO

10:00-10:30 AM- Coffee Break

Location: Ritz-Carlton Ballroom Terrace 3

10:30-11:00 AM

Title: Elucidating pathways involved in environmental air pollution – mediated exacerbation of cardiovascular disease.

Amie K. Lund, PhD

Associate Scientist

Lovelace Respiratory Research Institute, Albuquerque, NM

11:00-11:30 AM

Title: Breast cancer susceptibility proteins in cellular redox regulation and protection against oxidative stress

Bing Xia, PhD

Assistant Professor

Department of Radiation Oncology

Rutgers University-UMDNJ, New Brunswick, NJ

11:30-12:00 PM

Title: Translational control of oxidative stress

Qin M. Chen, PhD

Professor

Director, NIH/NIEHS Training in Toxicology and Toxicogenomics

University of Arizona, Tucson, AZ

***12:00-1:00 PM-Industry and Career Perspective Workshop**

12:00-12:20 AM-TBA

12:20-12:40 PM-TBA

12:40-1:00 PM-TBA

1:00-1:15 PM Closing Remarks and Announcements of Day 1

Donna D. Zhang, PhD and Matthew D. Reed, PhD (MWSOT Vice-President and President)

1:15 PM- MWSOT Officers Luncheon (by invitation)

Location: Ritz-Carlton TBA

1:15-6:00 PM- Free Time- ON YOUR OWN

5:30-6:00 PM- Poster Set-Up

Location: Tortolita A and B

6:00-7:30 PM- Poster Session and Career Breakout Reception

Location: Tortolita A and B

7:30-9:00 PM- Banquet Buffet Dinner

Location: Tortolita A and B

Friday, September 10th, 2010

7:00-8:00 AM- Continental Breakfast

Location: Ritz-Carlton Plazas 3 and 4

7:45-8:00 AM- Housekeeping

Location: Ritz-Carlton Plazas 3 and 4

Donna D. Zhang, PhD and Matthew D. Reed, PhD (MWSOT Vice-President and President)

Plenary Topic: "Impact of environmental insults on cellular redox biology and human diseases"

***8:00 AM-12:30 PM- Plenary Topic-Part II: Stress Induced by Environmental Insults and Disease**

8:00-8:45 AM

Title: Quinone and retinoid: Voldemort meets Harry Potter

Serrine S. Lau, PhD

Director of Southwest Environmental Health Sciences Center

Professor of Pharmacology and Toxicology

Department of Pharmacology and Toxicology

University of Arizona, Tucson, AZ

8:50-9:20 AM

Title: PARP-1 inhibition and arsenic carcinogenesis

Jim Liu, PhD

Associate Center Director of Electron Paramagnetic Resonance Core Facility

Associate Professor of Neurology

Division of Pharmaceutical Sciences

University of New Mexico, Albuquerque, NM

9:25-9:55 AM

Title: Arsenite-induced autophagy in the immune system

Walter Klimecki, DVM, PhD

Assistant Professor

Department of Pharmacology and Toxicology

University of Arizona, Tucson, AZ

10:00-10:30 AM- Coffee Break

Location: Ritz-Carlton Ballroom Terrace 3

10:30-11:00 AM

Title: Arsenic impact on cardiovascular development and disease

Todd D. Camenisch, PhD

Associate Professor

Department of Pharmacology

University of Arizona, Tucson, AZ

***11:00-12:00 PM- Student and Post-Doctoral Presentations**

11:00-11:15 AM-TBA

11:15-11:30 AM-TBA

11:30-11:45 AM-TBA

11:45-12:00 PM-TBA

12:00-12:15 PM- Break and Awards Committee Meeting

12:15-12:30 PM Presentation Awards and Closing Remarks

Donna D. Zhang, PhD and Matthew D. Reed, PhD (MWSOT Vice-President and President)