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Date & Location: August 4-7, 2010
Westin Westminster Hotel, Westminster, Colorado

Abstracts Due: May 3, 2010 Advance Registration: June 25, 2010

Preliminary Program:

- The Role of Physiology in Organismal Responses to Global Warming
- Off the Beaten Path: Integrative Aspects of Muscle Function During Diverse Locomotor Behaviors
- Hydration, Desiccation, Regulation: The Comparative Physiology of Water Balance
- Physiological Effects of Ocean Acidification on Marine Animals in Times of Ocean Warming: Ecosystem Implications
- Evaluating the Effects of Global Climate Change to the Fauna of South American Biomes: Consequences to Diversity from a Physiological Perspective
- Environmental Adaptations of Cardio-Respiratory Systems
- Putting Comparative Physiology to Work in the Field: Stable Isotopes as Tracers of Ecological Processes
- Genomics and Proteomics Approaches to Understanding Environmental Stress
- The Life History Physiology Nexus
- Global Change and the Emerging Threat of Dead Zones: Can Individuals, Populations, Species, and Communities Respond to Increasingly Hypoxic Oceans?

For more info or to register, visit: www.the-aps.org/comparative

APS Conference: Inflammation, Immunity and Cardiovascular Disease

Date & Location: August 25-28, 2010
Westin Westminster Hotel, Westminster, Colorado

Abstracts Due: May 14, 2010 Advance Registration: July 23, 2010

Preliminary Program:

Basic Aspects of Immunology

- Basic Aspects of T Cell Function
- How to Measure and Study Immune Responses
- Events in the Lifespan of a T Cell
- Cytokines and the Use of Cytokine Directed Therapy
- Roles of NK and NKT Cells During Early Lesion Formation

Cell Interactions and Antigen Presentation

- Antigen Presentation and Dendritic Cell Function
- The Dendritic Cell and Transition from Innate to Adaptive Immunity

Inflammation and the Metabolic Syndrome

- Obesity and Inflammation
- Toll-Like Receptors and Metabolic Syndrome

Inflammation, the Vascular Wall and Lesion Formation

- Immunobiology of the Endothelium
- The Adaptive Immune Response and Atherosclerosis
- Innate Immunity and Lesion Formation
- Immune Cell Recruitment and Atherosclerosis

Inflammation, Immunity, Hypertension and Renal Disease

- Innate and Adaptive Immune Mechanisms in Salt-Sensitive Hypertension
- T Regulatory Cells, Renal Discourse and Hypertension
- IL-17 and Hypertension
- Immune Cells in Sodium-Sensitive Hypertension
- Renal Inflammation and Renal Injury

For more info or to register, visit: www.the-aps.org/inflammation