

Ohio Physiological Society Meeting

The Department of Physiology of the Northeastern Ohio Universities College of Medicine (NEOUCOM) played host to the eighth annual meeting of the Ohio Physiological Society on October 29, 1993. The meeting was attended by 73 physiologists and students from throughout the state.

The theme of the meeting, "Cardiopulmonary Pathophysiology: Integrative Investigations," focused on how physiological investigations at multiple levels of organization can be integrated to provide insight into the pathophysiology of heart and lung disorders.

Odile Mathieu-Costello, Department of Medicine at the University of California at San Diego, presented the keynote address on stress failure of pulmonary capillaries. Her talk was followed by a mini-symposium titled, "Pulmonary and Cardiac Dysfunction

After Massive Sympathetic Nervous System (SNS) Activation."

Michael Maron (NEOUCOM) and Charles Pilati (NEOUCOM) discussed the production of SNS-induced pulmonary vascular barotrauma and cardiac dysfunction, and Nick Sperelakis (University of Cincinnati) explained how catecholamines modulate myocardial cell calcium influx.

The afternoon program consisted of a lively poster session and a mini-symposium titled, "Pathophysiology and Treatment of the Acute Respiratory Distress Syndrome (ARDS)," which consisted of discussions of the role of the mononuclear phagocyte system in the development of ARDS by Gary Niehaus (NEOUCOM), mechanisms of multiple organ failure in ARDS by Paul Dorinsky (Ohio State), and surfactant replacement in ARDS by Timothy Gregory (Ross Labs).

A special highlight of the meeting was the attendance of 18 undergraduate biology majors from Geneva, Westminster, and Kenyon Colleges.

In the business meeting, steps were discussed to increase Society involvement in the State Science Fair. The 1995 annual meeting was awarded to the Medical College of Ohio, and Patricia Metting was elected president for 1995.

The 1994 meeting will be held at Ohio State and will be organized by Jackie Wood.

Sponsorship of the 1993 meeting was provided by the NEOUCOM Division of Basic Medical Sciences, Ohio Academic Challenge Program, Gould, Inc., and the Fryer Company.

Michael B. Maron

Future Meetings

1994	
Experimental Biology '94	April 24–28, Anaheim, CA
<i>APS Conference</i>	June 25–28
Physiology of the Release and Activity of Cytokines	New Haven, CT
<i>APS Conference</i>	October 5–8
Mechanotransduction and the Regulation of Growth and Differentiation	Sarasota, FL
<i>Intersociety Meeting</i>	October 29–November 2
Regulation, Integration, Adaptation: A Species Approach	San Diego, CA
1995	
Experimental Biology '95	April 9–14, Atlanta, GA
<i>APS Conference</i>	Date not set
Understanding the Biological Clock: From Genetics to Physiology	Hanover, NH
<i>APS Conference</i>	Date not set
New Discoveries Within the Pancreatic Polypeptide Family: Molecules to Medicine	Southern California
1996	
Experimental Biology '96	April 14–18, Washington, DC