

The Bayer School of Natural  
and Environmental Sciences  
Center for Metals in Biological Systems

Fifth Annual Mini-Symposium  
on Metals in Biological Systems

December 4, 2009, Maurice Falk Hall

**1:00—1:10 p.m. Dr. David W. Seybert**

Dean, Bayer School of Natural and Environmental Sciences  
([www.science.duq.edu](http://www.science.duq.edu))  
Welcome Address

**1:15—1:55 p.m.—Dr. Guenter Schwarz**, The University of Cologne  
“Molybdenum cofactor deficiency: Molecular basis and therapy ”

**2:00-2:40— Dr. Mark Gladwin**, UPMC

“The heme globin family as functional nitrite reductases and  
NO-signaling molecules

**2:45—3:25 p.m.—Dr. John D. Coates**, UC Berkeley  
Microbes Pumping Iron - a beneficial prokaryotic workout ”

**3:30-3:50 p.m.—Raymond De Hont**, Carnegie Mellon University  
“Mössbauer, EPR, and DFT Characterization of a Synthetic Fe(III)Fe(IV)  
Complex with Localized High-Spin Fe(IV) and Fe(III) Sites”

**3:55—4:15 p.m.—Dr. Kelly Brant**, U Pitt

“Ni-dependent Alterations in Release of CXC chemokines From Human  
Lung Fibroblasts (HLF) by TLR-2 Agonist, MALP-2 ”

Poster Session & Refreshments—Mellon Hall Lobby 4:30—6:00 p.m.

For more information call 412.396.6340 or 412-396-6332 or <http://www.science.duq.edu/cMBS.htm>