

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)
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>