



PHILADELPHIA ORGANIC CHEMISTS' CLUB

- DATE:** Thursday, February 26th, 2004; 6:00 pm dinner, 8:00 pm seminar
- PLACE:** Room 102, New Chemistry Building, University of Pennsylvania, 34th and Spruce Streets, Philadelphia, PA
- SPEAKER:** **Prof. Eric Meggers, Dept. of Chemistry, University of Pennsylvania**
- BIOGRAPHY:** Eric Meggers received his Diploma in Chemistry at the University of Bonn (Germany) in 1995 and pursued his graduate studies with Professor Bernd Giese at the University of Basel (Switzerland), studying radical and electron transfer reactions in DNA. Thereafter, from 1999 to 2002, he conducted a postdoctoral training at the Scripps Research Institute in La Jolla with Professor Peter Schultz, working on DNA and protein engineering. Since summer 2002, Eric Meggers is Assistant Professor in the Department of Chemistry at the University of Pennsylvania.
- TITLE:** **A New Direction in the Development of Molecular Probes and Drugs: The Concept of Hexavalent Carbon**
- ABSTRACT:** The development of small molecules that perturb specific protein functions is of great importance for probing biological processes and ultimately for the generation of potent and safe drugs. Medicinal chemistry is predominately focused on the design of organic molecules, whereas the incorporation of inorganic components into drugs is much less investigated. The Meggers group is exploring organometallic and inorganic compounds as structural scaffolds for enzyme inhibition. The talk will introduce a strategy for the creation of potent metallo-organic protein kinase inhibitors, morphed out of the class of indolocarbazole alkaloids.
- DINNER:** The meeting will be preceded by cocktails (cash bar) at 5:30 pm followed by a dinner at 6:00 pm at Penne Restaurant & Bar, 3601 Walnut Street. Reservations should be made by email: gregory.ott@bms.com or phone: (609)-252-3189 to Gregory Ott **before 5:00 pm, Monday, February 23th.** **Please pay the \$40.00 for dinner when you attend.** Thank you.