

***Bio-Inspired Synthetic Chemistry.
From Cow Stomach to Apple Bite.***

Prof. Jiri Srogl

Institute of Organic Chemistry and Biochemistry, Czech Republic

Friday 19th March, 2010. ICIQ Auditorium, 12 p.m.



Senior Group Leader

Institute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic, Prague

Associate Adjunct Professor

North Carolina State University, Department of Chemistry & Biomolecular Engineering, Raleigh

Professional Experience

Post-doctoral Research Associate (1994-98) with Lanny S. Liebeskind, Emory University, Atlanta, Dept. of Chemistry

Research Professor (1998-2005), Emory University, Atlanta, Dept. of Chemistry

Assistant Professor (2005-06), Institute of Chemical Technology, Dept. of Organic Chemistry, Prague

Research Intesrests

Bio-mimetic formation of carbon-carbon bond · sulfur-based reactive intermediates in organic synthesis · role of transition metals in biological alkylations · interaction between sulfur containing functional groups and transition metals · bio-mimetic oxidation · substrate recognition in cross-coupling reactions · substrate recognition in new materials · metal assisted self-organization of molecules