

RISE

10th Annual Workshop August 26th-27th 2005 Concordia University

Friday, August 26

- 6:00 PM Welcome Reception
(BruTopia)
- 7:30 PM RISE Board Meeting
H401 Hall Building, Concordia University
1455 de Maisonneuve West

Saturday August 27

- 9:00 AM **Welcoming Remarks (SP 157.00)**
- 9:10 AM **Derek Tsang** (Université de Montréal-Will Skene)
*Synthesis and Photophysical Characterization of Conjugated Imines
and Imine Precursors*
- 9:30 AM **Nicole Fowler** (University of Western Ontario-Mark Workentin)
*Fluorescent Probes of Ligand Delivery from Monolayer-Protected
Gold Nanoparticles Induced by Radicals*
- 9:50 AM **Chantal Durette** (University of Calgary-David Cramb)
Characterization of MPA79: A Novel Two-photon Photosensitizer
- 10:10 AM **Mary Metrie** (Concordia University-Ann English)
*Glutathione-S-transferase: A Glimpse into its Interaction with Lipid
Peroxidation Products*
- 10:30 AM **COFFEE BREAK**
- 10:50 AM Sponsor **Dr. John Gillard** (Aegera)

11:00 AM **Caroline Proulx** (Concordia University-Ann English)
Optimization of the Production of Active Cytochrome c Peroxidase in Bacteria

11:20 AM Special Guest **Dr. Deborah Nicoll-Griffith** (Merck Frosst Canada)
Xenobiotic Reactive Intermediates: Sunlight and Cytochrome P450

12:20 PM **LUNCH**

1:20 PM **Rob McWhinney** (Dalhousie University-Fran Cozens)
Reactivity of Diarylmethyl Cations Induced by Laser Flash Photolysis of Diaryl Acetic Acids in MY Zeolites

1:40 PM **Olga La Manna** (University of Alberta-Glen Loppnow)
Solvent Dependence of the Raman Spectrum of Adenine

2:00 PM **Michael Duhig** (University of Toronto-Dwayne Miller)
Nanofabrication of Photochemically Active Systems

2:20 PM **Melanie Burger** (NRC-Linda Johnston)
Distribution of Ganglioside GM1 in Phase-Separated Model Membranes

2:40 PM **Cheryl Bain** (Université de Montréal-Christian Reber)
Vapochromism, Absorption, and Nickel(II) complexes

3:00 PM **COFFEE BREAK**

3:30 PM **Paul Billone** (University of Ottawa-Tito Scaiano)
Fluorescence Quenching of Colloidal Quantum Dots by Paramagnetic Quenchers

3:50 PM **Jacklyn McDonald** (McMaster University-Willie Leigh)
Direct Detection of Germylenes and the Kinetic Study of their Reactions with Alcohols and Ethers

4:10 PM Special Guest **Prof. Gonzalo Cosa** (McGill University)
Investigating the Structure and Dynamics of Complex Chemical Systems One Molecule at a Time: Single Molecule Spectroscopy as a Mechanistic Tool

5:00 PM **Concluding Remarks**

6:00 PM Banquet at Le Convivial

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