

MERCK SYMPOSIUM  
INSTITUTE OF CHEMISTRY UNAM  
**EXPO CENTER UNAM / INSTITUTE OF CHEMISTRY**

Program

**MONDAY JUNE 12th**

**Courses at Institute of Chemistry**

- 9:00 to 13:00      "Use of electrochemical synthesis in emerging green technologies" Aldolic condensation of dihydrolevoglucosenone catalyzed by electrochemical reduction. Instructor: Dr. Bernardo A. Frontana
- 9:00 to 13:00      "Solid-phase micro extraction: a green alternative as a tool in sample preparation"  
Instructor: M en C. Rocío Hernández.
- 15:00 to 19:00      "Use of electrochemical synthesis in emerging green technologies" Electrochemical C-C pinacolic coupling. Benzopinacol obtaining. Instructor: Dr. Bernardo A. Frontana

**TUESDAY JUNE 13th**

- 08:30 to 09:45      **Registration / Poster session**
- 09:45 to 10:00      Welcome  
Dr. Luis Demetrio Miranda Director, Institute of Chemistry
- 10:00 to 11:00      Dr. Eusebio Juaristi **TITULO PENDIENTE**
- 11:00 to 12:00      "One-pot radical-ionic sequences for the synthesis of natural products"  
Dr. Alejandro Cordero
- 12:00 to 12:20      **Break / Poster session**
- 12:20 to 13:00      "How Merck drives innovation in the region through collaboration"  
M. en V. Misael Silva
- 13:00 to 14:00      "Combining Synthetic Chemistry and Biology for Streamlining Access to Complex Molecules"  
Dr. Hans Renata
- 17:00 to 18:00      **Activity 1 Roundtable with speakers**
- 17:00 to 18:00      **Activity 2 Visit to the Laboratories of the Institute of Chemistry**

**WEDNESDAY JUNE 14th**

- 10:00 to 11:00      "Metal-protein interactions in degenerative diseases: from the brain to the human lens"  
Dra. Liliana Quintanar
- 11:00 to 12:00      "Redox catalysis strategies for complex molecules"  
Dr. Corey Stephenson
- 12:00 to 13:00      **Break / Poster session**
- 13:00 to 14:00      "Necessity is the Mother of Invention: Natural Products and the Chemistry They Inspire"  
Dra. Sarah E. Reisman