



Gordon Research Conferences

Cellular and Molecular Mechanisms of Toxicity

Understanding Innovative Mechanistic Toxicology in the Post-Genomic Era

<http://www.grc.org>

August 7 – 12, 2011 at Proctor Academy, NH

Chair: Ruth Roberts, AstraZeneca Vice-Chair: Dan Petersen, US EPA

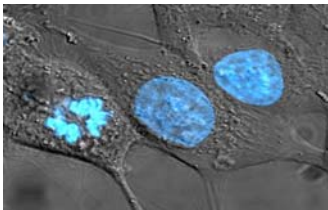
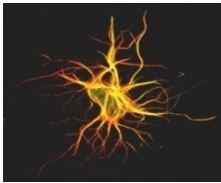
For the latest advancements in:

- cellular & molecular mechanisms that underpin toxicology
- environmentally-linked human disease
- cutting-edge advances in exposure assessment
- evidence-based decision making



Mitochondria in muscle.
Watercolor by Ina Schuppe-Koistinen

The 2011 CMMOT GRC features cutting edge mechanistic toxicological research relevant to environmental, pharmaceutical and industrial sciences. The conference will bring together outstanding investigators at the forefront of their field in a collegial atmosphere, with programmed discussions as well as opportunities for informal gatherings in the afternoons and evenings. This offers an exceptional opportunity for junior scientists and graduate students to present their work in poster format and exchange ideas with leaders in the field. Some poster abstracts will be selected for oral presentation. Proctor is located in the heart of New Hampshire's Lakes Region, just 93 miles north of Boston and 16 miles north of Concord, NH. The campus includes 2000 acres of woodlands, open fields, trails, streams, a river and ponds.



'...the forum for the exchange of ideas in the field of toxicological knowledge and its enabling technologies...'



Opening Address: Advancing the Science of Environmental Health
(Linda Birnbaum)

Keynote Presentation: Inflammation & Obesity Interplay in Liver Carcinogenesis
(Jim Klaunig / Micheal Karin)

Adaptive and Compensatory Responses to Liver Injury
(Jose Manautou / Yanan Tian / Dennis Petersen)

Epigenomics

(Dana Dolinoy / Dave Williams / Jay Goodman / Shuk-mei Ho)

New Experimental Models in Toxicology

(Jan Kimber / Jon Essex / Aaron Bowman)

Pharmacogenetics and Pharmacogenomics of Adverse

Drug Reactions (James Stevens / Ivan Rusyn / Munir Pirmohamed / Mat Pletcher)

Neuroinflammation: Cellular and Molecular Mechanisms

(Ron Tjalkens / Tomás Guilarte/Emmanuel Pinteaux / Miki Aschner)

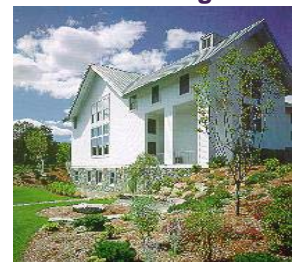
Circadian Rhythms in Toxicology – The Clock also Makes the Poison

(Helmut Zharb / Paolo Sassone-Corsi / Marina Antoch)

Computational Toxicology: Evidence Based Toxicology for the 21st Century

(Dan Petersen / Rusty Thomas / Bob Kavlock / John Bucher)

Keynote Presentation: The Creature from the Black Lagoon', Parkinson's disease and pesticide toxicity (Miki Aschner / Tim Greenamyre)



..... **Plus talks selected from late breaking abstracts**

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Limited funds may be available for student and postdoctoral fellow cost sharing.

GRC's Carl Storm Underrepresented Minority Fellowship program has limited funding available - please see GRC website for more information

Application on line at www.grc.org by July 10th 2011 or by June 30th 2011 to be considered for oral presentation.

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