

Biomarkers for Toxicology Studies

Workshop Chair

James Popp, Stratoxon LLC

Workshop Charge

The workshop's charge is to identify biomarkers for lipid/carbohydrate metabolism, lung function/injury, and cardiac function/injury and then evaluate their utility for inclusion in rodent toxicology studies to better characterize endpoints of environmentally induced human diseases or biological processes related to human disease etiology.

Information about NTP Studies

General References

Charo IF, Ransohoff RM: The many roles of chemokines and chemokine receptors in inflammation. *N Engl J Med* **354**: 610-621, 2006

Schwartz DA, Freedman JH, Linney EA: Environmental genomics: a key to understanding biology, pathophysiology and disease. *Human Molecular Genetics* **13**: R217-R224, 2004

Sheng S, Chen D, Van Eyk JE: Multidimensional liquid chromatography separation of intact proteins by chromatographic focusing and reversed phase of the human serum proteome. *Molecular & Cellular Proteomics* **5**: 26-34, 2006

Organizing Committee (NIEHS)

June Dunnick, Co-Chair

David Malarkey

Greg Travlos, Co-Chair

Robert Maronpot

John Bucher

Kristina Thayer

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Agency Representatives

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NTP Board of Scientific Counselors Representatives

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