

**LRI Presentations  
Updated May 2007**

1. Andersen, M.E. (2002) Mechanistic approaches to mixture risk assessment. International Conference on Chemical Mixtures. Atlanta, GA  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
2. Andersen, M.E. (2002) Systems biology approaches for assessing risks of endocrine active compounds. Michigan Section of the Society of Toxicology. Michigan State University, East Lansing, MI  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
3. Andersen, M.E. (2003) Recasting the toxicology paradigm: A systems biology perspective. Annual Meeting of the International Life Sciences Institute. Miami, FL  
**LRI Project ID:** MTH0307  
**CIIT Project ID:** IMFRD0053
4. Andersen, M.E. (2003) Biological switching mechanisms and dose-response relationships. Dose-Response Relationships in Biology, Toxicology and Medicine: An International Conference. Amherst, MA  
**LRI Project ID:** MTH0307  
**CIIT Project ID:** IMFRD0053
5. Andersen, M.E. (2003) Physiologically based pharmacokinetic modeling of octamethylcyclotrisiloxane (D4) in rats and humans. 29th Annual Summer Meeting of the Toxicology Forum. Aspen, CO  
**LRI Project ID:** MTH0307  
**CIIT Project ID:** IMFRD0053
6. Andersen, M.E. (2003) Switches and cellular circuits as molecular targets for toxic responses. State of the Art Symposium: Mathematical Modeling in Nutrition and Health Sciences, Biomedical 8, Health Sciences Institute. Athens, GA  
**LRI Project ID:** MTH0307  
**CIIT Project ID:** IMFRD0053
7. Andersen, M.E. (2003) Recasting the toxicology paradigm: a systems biology perspective. Annual Meeting of the International Life Sciences Institute. Miami, FL  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
8. Andersen, M.E. (2004) Systems biology: New directions for assessing safety and risk of new chemical entities. Presentation at Boehringer Ingelheim Pharmaceuticals, Inc., Ridgefield, CT, November 12  
**LRI Project ID:** MTH0307
9. Andersen, M.E. (2004) Systems biology and dose-response relationships. Research showcase presentation at Annual Science Meeting of the Long-Range Research Initiative, American Chemistry Council, Miami, FL, May 5-6  
**LRI Project ID:** MTH0307
10. Andersen, M.E. and Clewell, R.A. (2004) Dose-response modeling with monoalkylphthalates: assessing cellular targets for mechanisms-based risk assessment. Poster presentation at Annual Science Meeting of the Long-Range Research Initiative, American Chemistry Council, Miami,

- FL, May 5-6  
**LRI Project ID:** MTH0307
11. Andersen, M.E. (2004) Molecular circuits, biological switches, and nonlinear dose-response relationships. Presentation at Wurzbürger Forum Toxikologie 2004, Horsaal des Instituts für Pharmakologie und Toxikologie der Universität Würzburg, Würzburg, Germany, December 3  
**LRI Project ID:** MTH0307
  12. Andersen, M.E. (2004) System biology applications in Superfund research program with Ah receptor agonists. Invited presentation at Michigan State University, Lansing, MI, June 20-21  
**LRI Project ID:** MTH0307
  13. Andersen, M.E. and Thomas, R.S. (2005) Computational Models of Cellular Signaling Networks and Dose Response Assessments for Toxic Effects. Presentation at 2005 Conference on The Application of Systems Biology Methodologies to Environmental Research, West Virginia University, Morgantown, WV, August 1-3  
**LRI Project ID:** MTH0501  
**CIIT Project ID:** IMFRD0015
  14. Andersen, M.E. (2005) Systems Biology and Environmental Health Research. Hype, Promise and Progress. Presentation at 2005 Conference on The Application of Systems Biology Methodologies to Environmental Research, West Virginia University, Morgantown, August 1-3  
**LRI Project ID:** MTH0501  
**CIIT Project ID:** IMFRD0015
  15. Andersen, M.E. and Thomas, R.S. (2005) Systems biology and dose response assessment. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 8  
**LRI Project ID:** MTH0307  
**CIIT Project ID:** IMFRD0053
  16. Andersen, M.E. (2005) Computational Systems Biology and Dose Response Assessment. Web Seminar Dose Response Specialty Group, Society of Risk Analysis, September 6  
**LRI Project ID:** MTH0501  
**CIIT Project ID:** IMFRD0015
  17. Andersen, M.E. (2005) Vinyl chloride: Establishing the role of dosimetry in risk assessment. *The Toxicologist* 84: 342  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
  18. Anderson, S.P., Dunn, C.S., Cattley, R.C., and Corton, J.C. (2000) Hepatic mitogenesis and carcinogenesis induced by peroxisome proliferators is associated with alterations in IL-1b signaling pathway. *The Toxicologist* 54: 420  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
  19. Anderson, S.P., Swanson, C., Everitt, J., and Corton, J.C. (2003) PPAR alpha plays a major role in determining the gene expression profile altered by caloric restriction. *The Toxicologist* 72: 340  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
  20. Anderson, S.P., Howroyd, P., Liu, J., Qian, X., Bahnemann, R., Swanson, C., Kwak, M., Kensler, T.W., and Corton, J.C. (2005) The transcriptional response to a peroxisome proliferator-activated receptor alpha agonist includes increased expression of proteome maintained genes. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 8

**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002

21. Archibeque-Engle, S., You, L., Casanova, M., and Heck, H.d. (2000) Effects of dietary, p,p'-DDE administered maternally on reproductive of adult male rats. *The Toxicologist* 54: 288  
**LRI Project ID:** END0011  
**CIIT Project ID:** ERD260402; IMFRD0063
22. Asgharian, B. (2003) The effect of particle growth on deposition in lung airways. American Association for Aerosol Research Annual Conference  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
23. Asgharian, B. and Miller, F.J. (2003) Equivalent human exposure concentrations from rat inhalation studies. American Association for Aerosol Science PM Meeting  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
24. Asgharian, B., Kimbell, J.S., Wong, B.A., and Moss, O.R. (2003) Compound independent dosimetry of inhaled material. First Annual Science Meeting of the Long-Range Research Initiative, American Chemistry Council  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
25. Asgharian, B. and Price, O. (2004) Airflow and particle deposition in the human lung. Presentation at 23<sup>rd</sup> annual conference of the American Association for Aerosol Research, Atlanta, GA, October 4-8  
**LRI Project ID:** RES0201
26. Asgharian, B. and Price, O. **Airflow distribution and particle deposition in different lobes of the lung.** *Toxicological Sciences* 78[S-1], 435. 2004.  
Ref Type: Abstract  
**LRI Project ID:** RES0201
27. Asgharian, B. (2004) Models of airflow transport in the human lung. Platform presentation at 2004 American Society of Mechanical Engineers International Mechanical Engineering Congress and Research, Development, & Design Expo, Anaheim, CA, November 19  
**LRI Project ID:** RES0201
28. Asgharian, B. (2004) Dosimetry of inhaled particles in humans. Poster presentation at annual science meeting of the Long-Range Research Initiative, American Chemistry Council, Miami, FL, May 5-6  
**LRI Project ID:** RES0201
29. Asgharian, B. and Price, O. (2004) Airflow and particle deposition in the lung at microgravity and hypergravity environments. Presentation at 23<sup>rd</sup> annual conference of the American Association for Aerosol Research, Atlanta, GA, October 4-8  
**LRI Project ID:** RES0201
30. Asgharian, B. (2004) Deposition of hygroscopic particles in the lung and its application to aerosol drug delivery. Poster presentation at Respiratory Drug Deliver IX, Palm Springs, CA, April 25-29  
**LRI Project ID:** RES0201
31. Asgharian, B. (2005) Modeling Airflow and Particle Deposition in the Lung. Poster Presentation at Department of Mechanical and Aerospace Engineering, North Carolina State University, April

**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043

32. Asgharian, B., Price, O.T., Jarabek, A.M., and Miller, F.J. (2005) Improved dosimetric adjustment factors for interspecies extrapolation of inhaled, poorly, soluble particles. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 7  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
33. Asgharian, B. and Price, O.T. (2005) The effect of body orientation on deposition of particles in the human lung. Proceedings of the Annual Conference of the American Association for Aerosol Research 37. Annual Conference of the American Association for Aerosol Research  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
34. Asgharian, B. and Price, O.T. (2005) Calculated particle deposition in the human lung using various ventilation models. Frontiers in Aerosol Dosimetry Research Conference. The Beckman Center for the National Academies, Irvine, CA  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
35. Asgharian, B., Gudi, S., and Wong, B.A. (2006) Particle Deposition in the Lung Central Airways. Poster presentation at annual meeting of the Society of Toxicology, San Diego, CA, March 8.  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
36. Asgharian, B. and Gudi, S. (2006) Calculations of airflow and particle deposition in an expanding-contracting lung geometry. American Thoracic Society International Conference  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
37. Barhoumi, R., Faske, J., Liu, X., and Tjalkens, R.B. **Astroglial-mediated neuronal apoptosis following exposure to manganese and cytokines requires NF-kappaB-dependent production of NO Manganese potentiates lipopolysaccharide-induced expression of NOS2 in C6 glioma cells through mitochondrial-dependent activation of nuclear factor kappaB.** Toxicological Sciences 62[1], 408. 2004.  
Ref Type: Abstract  
**LRI Project ID:** ECA0202  
**CIIT Project ID:** Society of Toxicology, 42<sup>nd</sup> Annual Meeting Proceedings
38. Bartolucci, E.J. and You, L. (2002) Effects of dietary exposure to genistein and methoxychlor on the gene expression profile of the mammary gland in male rats. The Toxicologist 66: 299  
**LRI Project ID:** END0011  
**CIIT Project ID:** ERD260402; IMFRD0063
39. Bartolucci, E.J. and You, L. (2002) Gene expression profiles in the mammary gland of male rats exposed to endocrine-active compounds: analysis with two gene arrays and two statistical tools. North Carolina Society of Toxicology Annual Meeting. Research Triangle Park, NC  
**LRI Project ID:** END0011  
**CIIT Project ID:** ERD260402; IMFRD0063
40. Batterman, S.A., Jia, C., and Godwin, C. (2004) Sources and significance of VOC exposures in microenvironments: Schools, offices, residences, outdoors and vehicles. Presented at the Air &

- Waste Management Association Meeting. June, 2004  
**LRI Project ID:** CIE0102-01
41. Batterman, S.A., Jia, C., and Godwin, C. (2005) Distributions of Volatile Organic Compounds (VOCs) in indoor and outdoor air among industrial, urban and suburban neighborhoods. Presentation at IAQ 05. October 4, 2005-October 4, 2005  
**LRI Project ID:** CIE0102-01
  42. Batterman, S.A., Jia, C., and Hatzivasilis, G. (2006) Simultaneous Measurement of Air Exchange and VOC Concentrations: Application in Vehicles, Houses and Garages. Air & Waste Management Association 99th Annual Conference & Exhibition, New Orleans, LA, June 20-23, 2006  
**LRI Project ID:** CIE0102-01
  43. Batterman, S.A., Jia, C., Godwin, C., and Hatzivasilis, G. (2006) A Dominant Source of VOC Exposure: Attached Garages. International Conference on Environmental Epidemiology & Exposure, Paris, France, Sept. 2-6, 2006  
**LRI Project ID:** CIE0102-01
  44. Batterman, S.A., Godwin, C., and Jia, C. (2006) Design and Evaluation of a New Breath Monitoring System for Volatile Organic Compounds. International Council of Chemical Association (ICC) Biomonitoring Workshop, Minneapolis, MN, July 26-7, 2006  
**LRI Project ID:** CIE0102-01
  45. Bazar, M.A., Salice, C.J., Heckert, J.S., Goodwin, S.D., and Talent, L.G. (2003) Baseline hematology and plasma chemistry for the western fence lizard, *Sceloporus occidentalis*. Annual meeting of the Society of Environmental Toxicology and Chemistry. Austin, Texas, November 12, 2003  
**LRI Project ID:** END0123
  46. Bennett, D.H., Sax, S.N., and Spengler, J.D. (2004) Indoor-outdoor ratios and source strengths: Associated uncertainties and variabilities. Presented at the ISEA 2004 Annual Meeting  
**LRI Project ID:** ECA0203
  47. Bermudez, E. and Moss, O.R. (2005) Exhalation of cytokines by laboratory rodents. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 8  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
  48. Bermudez, E. and Moss, O.R. (2006) Expression of Osteopontin by Rat Alveolar Macrophages In Vitro. Poster presentation at annual meeting of the Society of Toxicology, San Diego, CA, March 6.  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
  49. Blanchfield, P., Majewski, A., Palace, V., and Kidd, K. (2003) The effect of a synthetic estrogen on the reproductive success of male fathead minnows: a whole-lake addition experiment. Canadian Council of Fisheries Research Meeting, Ottawa, ON, January 5-7  
**LRI Project ID:** END0018
  50. Bonner, J.C. (2004) Susceptibility of STAT-1 deficient mice to pulmonary fibrogenesis. Platform presentation at 13<sup>th</sup> International Colloquium on Pulmonary Fibrosis, Banff, Alberta, Canada, October 16-21  
**LRI Project ID:** MTH0405

51. Bonner, J.C., Antao-Menezes, A., Ingram, J.L., Rice, A.B., Nyska, A., Tani, Y., Kleeberger, S., and Walters, D. (2005) Suceptibility of Stat1-Deficient Mice to Pulmonary Fibrosis is Due to an Enhanced Fibroblast Proliferative Response to PDGF, EGF, and IFN- $\gamma$ . Poster presentation at 101st International Conference of the American Thoracic Society, Sand Diego, CA, May 22  
**LRI Project ID:** MTH0405  
**CIIT Project ID:** IMFRT0014
  
52. Bonner, J.C. (2005) Vanadium-induced airway remodeling and fibrosis. Mechanisms of Action of Inhaled Fibers, Particles and Nanoparticles in Lung and Cardiovascular Disease. U.S. Environmental Protection Agency Conference Center, Research Triangle Park, NC  
**LRI Project ID:** MTH0405  
**CIIT Project ID:** IMFRT0014
  
53. Bonner, J.C. (2006) Lung fibrotic responses to particle and nanoparticle exposure. The Society for Toxicologic Pathology Annual Conference, Session on Pathology of Respiratory System, Vancouver, British Columbia  
**LRI Project ID:** MTH0405  
**CIIT Project ID:** IMFRT0014
  
54. Bonner, J.C. (2006) PDGF signaling: role of cell migration, tissue remodeling and fibrosis. The Ninth International Workshop on Scleroderma Research. Session on Fibrotic Mediators. Boston, MA  
**LRI Project ID:** MTH0405  
**CIIT Project ID:** IMFRT0014
  
55. Bonner, J.C. (2006) Fibrotic lung disease and animal models. The 3<sup>rd</sup> RTP Rodent Pathology Course. Cardiopulmonary Pathology. Research Triangle Park, NC  
**LRI Project ID:** MTH0405  
**CIIT Project ID:** IMFRT0014
  
56. Borgert, C., Gross, T.S., Guiney, P.D., Osimitz, T.G., Price, B., and Wells, C. **Interactive effects of DDE and methoxychlor on hormone production in bass gonadal cultures.** The Toxicologist 56[1], 180. 2002.  
Ref Type: Abstract  
**LRI Project ID:** END0020
  
57. Borghoff, S., Williams, C.C., Parkinson, H.D., and Sochaski, M. (2003) Appearance of genistein glucuronide and sulfate conjugates in fetal plasma following in utero exposure to genistein. 7<sup>th</sup> Annual ISSX Meeting  
**LRI Project ID:** SUS0101  
**CIIT Project ID:** IMFRD0093
  
58. Borghoff, S., Williams, C.C., Parkinson, H.D., and Upmeier, A. (2003) Transplacental transfer of genistein and conjugated metabolites in Sprague-Dawley Rats. The Toxicologist 72: 147  
**LRI Project ID:** SUS0101  
**CIIT Project ID:** IMFRD0093
  
59. Borghoff, S., Parkinson, H.D., Ross, S.M., Gaido, K., and Sochaski, M. (2004) Activation of human estrogen receptors in Hep2G cells by genistein and its conjugated metabolites. The Toxicologist 78: 119  
**LRI Project ID:** SUS0101  
**CIIT Project ID:** IMFRD0093
  
60. Borghoff, S.J., Williams, C.C., Parkinson, H.D., and Sochaski, M. (2003) Appearance of genistein glucuronide and sulfate conjugates in fetal plasma following in utero exposure to genistein.

- Presentation at the 7<sup>th</sup> Annual ISSX Meeting, Providence, RI  
**LRI Project ID:** END0030
61. Borghoff, S.J., Williams, C.C., Parkinson, H.D., and Upmeier, A. **Transplacental transfer of genistein and conjugated metabolites in Sprague-Dawley Rats.** Toxicological Sciences 72[2-1], 147. 2003.  
 Ref Type: Abstract  
**LRI Project ID:** END0030
  62. Borghoff, S.J., Parkinson, H.D., Ross, S.M., Gaido, K.W., and Sochaski, M. **Activation of human estrogen receptors in HepG2 cells by genistein and its conjugated metabolites.** Toxicological Sciences . 2004.  
 Ref Type: Abstract  
**LRI Project ID:** END0030
  63. Borghoff, S.J., Parkinson, H.D., Rose, J., Gaido, K.W., and Sochaski, M. (2004) Potential activation of human estrogen receptors in Hep2G cells by genistein, genistein-glucuronide and genistein-sulfate. Poster presentation at annual science meeting of the Long-Range Research Initiative, American Chemistry Council, Miami, FL, May 5-6  
**LRI Project ID:** SUS0101
  64. Brasfield, D.K., Weber, L.P., Talent, L.G., and Janz, D.M. (2002) Dose response and time course relationships of vitellogenin induction in male Western fence lizards (*Sceloporus occidentalis*) exposed to ethinylestradiol. Presentation at 12<sup>th</sup> Annual SETAC Europe Meeting. Vienna, Austria, May 12-16, 2002  
**LRI Project ID:** END0123
  65. Breen, M.S., Zeng, Y., Zhang, Q., McDougal, J.N., Shi, P., and Conolly, R.B. (2006) Chemically-induced Skin Irritation: Computational Model of Intracellular Signaling Pathways that Mediate Inflammatory Response. Poster presentation at annual meeting of the Society of Toxicology, San Diego, CA, March 8.  
**LRI Project ID:** MTH0502  
**CIIT Project ID:** IMFCB0025
  66. Brewer, L.W., Fairbrother, A., McQuillen, H.L., Hunt, K.E., and Tank, S.L. (2003) Evaluating Exposure and Reproductive Effects of Endocrine Active Substances in Wild Birds. **Presentation at the 2003 Annual Meeting of The Society of Environmental Toxicology and Chemistry, Austin TX**  
**LRI Project ID:** END0301
  67. Brewer, L.W., Tank, S., Murray, N., and Hunt, K. (2004) Development and verification of field-deployable methods for evaluating exposure and effects of endocrine active substances in wild bird populations. Poster presented at 2004 LRI Annual Science Meeting  
**LRI Project ID:** END0301
  68. Brown, K. (2006) Accelerator mass spectrometry for DNA adduct detection. Eur.J.Genetic Molec.Toxicol. 13. ECNIS Sponsored Workshop on Biomarkers of Exposure and Cancer Risk: DNA Damage and DNA Adduct Detection & 6th GUM-32P-Postlabelling Workshop; Germany Cancer Research Centre; Heidelberg, Germany  
**LRI Project ID:** MTH0311-02
  69. Burgoon, L.D., Kwan, K.Y., Fielden, M.R., Trosko, J.E., and Zacharewski, T.R. (2002) Retinoic acid induced disruption of cAMP-induced human SVG astroglial cell differentiation: Morphology and global gene expression effects. Presentation at the 1st Annual Meeting of the Society of

Toxicology, Nashville, TN, March 17-21

**LRI Project ID:** END0035-12

70. Burgoon, L.D. and Kwan, K.Y. (2003) Cyclic-AMP and retinoic acid induced differentiation of human SVG cells: Morphologic and gene expression effects. 42nd Annual Meeting of the Society of Toxicology, Salt Lake City, UT, March 9-13  
**LRI Project ID:** END0035-12
71. Burnham, D.K., Lackey, A., Mannering, M., Jaensson, E., Pearson, J., Tyler, D.O., and Talent, L.G. (2002) Effect of 17-Ethinylestradiol on immunity in the lizard, *Sceloporus occidentalis*. 23<sup>rd</sup> Annual Meeting Society of Environmental Toxicology and Chemistry. Salt Lake City, Utah, November 16, 2002  
**LRI Project ID:** END0123
72. Burton, G.A. (2003) Measuring toxicity and bioaccumulation: Linking exposure and effects. Sediment Chemical Stability Workshop, San Diego, CA  
**LRI Project ID:** EEE0018
73. Burton, G.A.Jr. (2003) Assessment of ecological impairment associated with sediments: issues and approaches. Keynote presentation at Abstr. Annual Meeting of the Latin American Society of Environ. Toxicol. Chem. Buenos Aires, Argentina  
**LRI Project ID:** EEE0018
74. Burton, G.A.Jr., Nguyen, L.T., Janssen, C., McWilliam, R., Bossuyt, B., Beltrami, M., Baudo, R., and Green, A. (2003) Sediment quality assessments: Strategically integrating multiple lines-of-evidence to improve decision making. Abstract at the Annual Meeting of the Latin American Society of Environ. Toxicol. Chem. Buenos Aires, Argentina.
75. Burton, G.A.Jr. (2003) Developing realistic assessment guidelines for sediment using benthic colonization and short term *in situ* responses. Abstract at the Annual Meeting of the Latin American Society of Environ. Toxicol. Chem. Buenos Aires, Argentina  
**LRI Project ID:** EEE0018
76. Burton, G.A.Jr., Custer, K.W., Geyer, S., Nguyen, L.T., Janssen, C., McWilliam, R., Bossuyt, B., Beltrami, M., Baudo, R., and Green, A. (2004) Identification of stressor effects using *in situ* exposures of species, populations and communities. Abstract presented at the Annual Meeting of Soc. Environ. Toxicol. Chem, Prague, Czechoslovakia  
**LRI Project ID:** EEE0018
77. Calder, C. (2006) Regional spatial modeling of toxic metals in various environmental media. Joint Statistical Meetings; Seattle, Washington; August 9, 2006  
**LRI Project ID:** EXP0106-01
78. Carney, E.W., Charles, G.D., Gennings, C., Gollapudi, B.B., and Zacharewski, T.R. **Interaction analysis of synthetic chemicals and phytoestrogens *in vitro***. Toxicological Sciences 78[1], S. 2004.  
Ref Type: Abstract  
**LRI Project ID:** END0036
79. Casanova, M., You, L., Archibeque-Engle, S., and Heck, H. (1999) Effects of dietary genistein on reproductive development of Sprague-Dawley rats. The Toxicologist 48: 375  
**LRI Project ID:** END0011  
**CIIT Project ID:** ERD260402; IMFRD0063

80. Chatfield, R. (2004) What PAN tells us about continental outflow, airmass reactivity, and appropriate simulation. Presentation at American Geophysical Union Fall Meeting. December 15, 2004  
**LRI Project ID:** ATM0008
81. Chen, C., Silva, V.M., Corton, J.C., Whiteley, H., and Manautou, I.E. (2000) PPAR-alpha knockout mice are not protected against acetaminophen (APAP) hepatotoxicity by clofibrate (CFB) pretreatment. *The Toxicologist* 54: 42  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
82. Chowdhury, M.J., Holcombe, G.W., Kosian, P.A., Tietge, J., and Degitz, S. (2005) Phenobarbital affects thyroid histology and larval development in the African clawed frog, *Xenopus laevis*. Presentation at Society of Toxicology National Meeting  
**LRI Project ID:** END0101
83. Chung, W.C.J., Pak, T.R., Andersen, M.E., and Handa, R.J. (2004) Progesterin receptor immunoreactivity in the developing rat medial preoptic nucleus is dependent on the activation of estrogen receptor and not estrogen receptor . Presented at the Society for Neuroscience Annual Meeting, San Diego, CA, October 23-27. (Abstract 30)  
**LRI Project ID:** END0017
84. Clewell, H.J., Andersen, M.E., and Tan, C. (2006) Interpreting Biomonitoring Data Using Physiologically Based Pharmacokinetic (PBPK) Modeling  
**LRI Project ID:** MTH0504  
**CIIT Project ID:** HJCLRI601
85. Clewell, H.J., Tan, C., and Andersen, M. (2006) Application of pharmacokinetic modeling to estimate PFOA exposures associated with measured blood concentrations in human populations. 2006 Annual Meeting of the Society for Risk Analysis  
**LRI Project ID:** MTH0504  
**CIIT Project ID:** HJCLRI601
86. Clewell, R.A. and Andersen, M.E. **Pharmacokinetic model for testosterone and its metabolites, dihydrotestosterone and estradiol, in the perinatal rat.** *Toxicological Sciences* 78[S-1], 417. 2004.  
Ref Type: Abstract  
**LRI Project ID:** MTH0307
87. Clewell, R.A. (2004) Assessing the role of cytosolic phospholipase A2 (cPLA2) inhibition in phthalate ester toxicity. Awarded Best Student Talk, annual meeting of the Genetics and Environmental Mutagenesis Society, Chapel Hill, NC, November 10  
**LRI Project ID:** MTH0307
88. Clewell, R.A., Ross, S.M., Gaido, K.W., and Anderson, M.D. (2005) Assessing the Role of Cytostolic Phospholipase A2 in Phthalate Ester Toxicity. Poster presentation at North Carolina Society of Toxicology Spring Meeting, Research Triangle Park, NC, February 1  
**LRI Project ID:** MTH0501  
**CIIT Project ID:** IMFRD0015
89. Clewell, R.A., Ross, S.M., Gaido, K.W., and Andersen, M.E. (2005) Assessing the role of cytosolic phospholipase A2 (cPLA2) inhibition in phthalate ester toxicity. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 10  
**LRI Project ID:** MTH0307  
**CIIT Project ID:** IMFRD0053

90. Clewell, R.A. (2005) Exploring the Mode of Action for Phthalates and the Role of CPLA2 in Steroid Synthesis. Poster presentation at the annual fall meeting, Genotoxicity and Environmental Mutagenesis Society, University of North Carolina at Chapel Hill, Chapel Hill, NC, October 26  
**LRI Project ID:** MTH0501  
**CIIT Project ID:** IMFRD0015
  
91. Clewell, R.A., Kremer, J., Andersen, M., and Borghoff, S. (2006) Using a PBPK Model to Explore Mechanisms of Observed Pharmacokinetic Differences Across Life-Stages in Rats. Poster presentation at annual meeting of the Society of Toxicology, San Diego, CA, March 7.  
**LRI Project ID:** MTH0501  
**CIIT Project ID:** IMFRD0015
  
92. Clinkenbeard, R.E. and Hall, T.A. (2002) A comparison of eight preferred/recommended EPA atmospheric dispersion models used to estimate potential health risks from process emissions. Presentation at American Industrial Hygiene Conference, San Diego, CA  
**LRI Project ID:** EEE0003
  
93. Clinkenbeard, R.E. and Hall, T.A. (2002) Sensitivity analysis of eight recommended/preferred and three proposed EPA dispersion models. Presentation at Society of Environmental Toxicology and Chemistry Annual Meeting, Salt Lake City, UT, November  
**LRI Project ID:** EEE0003
  
94. Conolly, R., Wang, J., and Tan, Y. (2005) Physiologically based pharmacokinetic (PBPK) modeling as an alternative to relative potency factors (RPFs) in cumulative risk assessment: An example with acetylcholinesterase- (AChE) inhibiting pesticides. *The Toxicologist* 84: 7  
**LRI Project ID:** MTH0301  
**CIIT Project ID:** IMFCB0023
  
95. Conolly, R. (2005) Dose-additivity of mixtures: Where are we going with the science? *The Toxicologist* 84: 7  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
  
96. Conolly, R.B. (2001) Biologically based modeling and uncertainty analysis in risk assessment. 9<sup>th</sup> International Congress of Toxicology (ICT-IX). Brisbane, Australia  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
  
97. Conolly, R.B. (2001) Pharmacodynamic modeling. Invited presentation and eight-hour lecture and computer laboratory. Workshop on Physiologically-Based Pharmacokinetic/Pharmacodynamic Modeling and Risk Assessment. Colorado State University, Fort Collins, CO  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
  
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**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
  
99. Conolly, R.B. (2001) The use of modelling and probabilistic approaches in risk assessment. 9<sup>th</sup> International Congress of Toxicology (ICT-IX). Brisbane, Australia  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093

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**LRI Project ID:** MTH0300  
**CIIT Project ID:** BIO1B025; IMFCB0013
101. Conolly, R.B. (2002) Biologically motivated computational modeling of dosimetry and mode of action: using mechanistic data to reduce risk assessment uncertainty. U. S. Environmental Protection Agency Environmental Effects Research Laboratory. Duluth, MN  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
102. Conolly, R.B. (2002) Principles of risk assessment. GlaxoSmithKline, Research Triangle Park, NC  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
103. Conolly, R.B. (2002) Toxicology: moving from the qualitative to the quantitative. Life Sciences 2002-First SIAM Conference on the Life Sciences. Boston, MA  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
104. Conolly, R.B. and Conolly, R.B. (2003) Formaldehyde and chloroform: rodent cancers, human risk. First Annual Science Meeting of the Long-Range Research Initiative, American Chemistry Council. Herndon, VA  
**LRI Project ID:** MTH0300  
**CIIT Project ID:** BIO1B025; IMFCB0013
105. Conolly, R.B. (2003) Computational modeling of chloroform cytolethality -- the basis for an advanced human health risk assessment. Chlorine Chemistry Council. Arlington, VA  
**LRI Project ID:** MTH0300  
**CIIT Project ID:** BIO1B025; IMFCB0013
106. Conolly, R.B. (2003) PBPK modeling and OP cumulative risk. Workshop on PBPK/PD Models for Cumulative Risk. Research Triangle Park, NC  
**LRI Project ID:** MTH0301  
**CIIT Project ID:** IMFCB0023
107. Conolly, R.B. (2003) Cumulative risk of organophosphate pesticides. First Annual Science Meeting of the Long-Range Research Initiative, American Chemistry Council. Herndon, VA  
**LRI Project ID:** MTH0301  
**CIIT Project ID:** IMFCB0023
108. Conolly, R.B. (2003) Clonal growth modeling. Colorado State University, Fort Collins, CO  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
109. Conolly, R.B. (2003) Principles of risk assessment. Department of Toxicology, North Carolina State University, Raleigh, NC  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
110. Conolly, R.B. (2003) Quantifying uncertainty: PBPK modeling, Monte Carlo. Department of Toxicology, North Carolina State University, Raleigh, NC  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093

111. Conolly, R.B. (2003) Biological implications of adaptive responses and bystander effects for individual and population dose-response curves. Annual Meeting of the Society of Toxicology. Salt Lake City, UT  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
  
112. Conolly, R.B. (2003) Principles of physiologically based pharmacokinetic (PBPK) modeling. Department of Pharmacology and Toxicology, University of Wurzburg, Wurzburg, Germany  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
  
113. Conolly, R.B. (2007) Biologically based modeling and risk assessment course. National Industrial Chemical Notification and Assessment Scheme (NICNAS). Sydney, Australia  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
  
114. Cooper, N.L. and Talent, L.G. (2004) Effect and type and amount of carrier injected into lizard eggs on hatching success. Presentation at Annual Meeting of the Society for Environmental Toxicology and Chemistry. Portland, OR, November 14  
**LRI Project ID:** END0123
  
115. Corea, N.V. and Renwick, A.G. (2003) An Analysis of the Need for an Additional Toxicokinetic Uncertainty Factor for Neonates. Poster presentation at the School of Medicine Postgraduate Conference, University of Southampton, June  
**LRI Project ID:** RSK0010
  
116. Corea, N.V. and Renwick, A.G. (2003) An Analysis of the Need for an Additional Toxicokinetic Uncertainty Factor for Neonates. Oral communication to the British Toxicological Society Annual Congress, Scotland, April  
**LRI Project ID:** RSK0010
  
117. Corea, N.V. and Renwick, A.G. (2003) An Analysis of the Need for an Additional Toxicokinetic Uncertainty Factor for Neonates. Poster presentation at the LRI Annual Science Meeting, Virginia, USA, June  
**LRI Project ID:** RSK0010
  
118. Corea, N.V. and Renwick, A.G. (2003) An Analysis of the Need for an Additional Toxicokinetic Uncertainty Factor for Neonates. Poster presentation at the European Societies of Toxicology Congress, Florence, Italy, September  
**LRI Project ID:** RSK0010
  
119. Corea, N.V. and Renwick, A.G. **An Analysis of the Need for an Additional Toxicokinetic Uncertainty Factor for Neonates.** Toxicology Letters 114[Suppl. 1], s191. 2003.  
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**LRI Project ID:** RSK0010
  
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Ref Type: Abstract  
**LRI Project ID:** RSK0010  
**CIIT Project ID:** Poster presentation at LRI Annual Science Meeting, Miami, USA, May
  
121. Corea, N.V. and Renwick, A.G. **An Analysis of the Need for an Additional Toxicokinetic Uncertainty Factor for Neonates.** Toxicology 194[3], 222. 2004.

Ref Type: Abstract

**LRI Project ID:** RSK0010

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**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
123. Corton, J.C., Stauber, A.J., Fan, L.Q., and Cattley, R.C. (1999) Characterization of signaling pathways induced by peroxisome proliferators using null mouse models and cDNA arrays. *The Toxicologist* 48: 271  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
124. Corton, J.C., Anderson, S.P., Stauber, A.J., Laughter, A., Swanson, C., Xiao, S., Everitt, J., and Voss, K. (2003) PPAR alpha-dependent alterations in chemical-induced stress and longevity correlates with increased expression of heat shock proteins. *The Toxicologist* 72: 7  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
125. Corton, J.C., Apte, U., Anderson, S.P., Limaye, P., Yoon, L., Lantendresse, J., Everitt, J., Voss, K.A., Kimbrough, C., Wong, J.S., Gill, S.S., Chandraratna, R.A., Kwak, M., Kensler, T.W., Stulnig, T.M., Steffensen, K.R., Gustaffson, J., and Mehendale, H.M. (2005) Role of pparalpha in caloric restriction effects in the mouse liver. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 8  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
126. Coull, B. (2006) Structural equation models for assessing source-specific health. Institute for Prevention of Cardiovascular Disease at the Beth Israel Deaconess Medical Center; March 2006  
**LRI Project ID:** EXP0106-02
127. Coull, B. (2006). EPA-Sponsored Workshop on the Interpretation of Epidemiologic Studies of Multipollutant Exposure and Health Effects; Research Triangle Park, North Carolina; December 2006  
**LRI Project ID:** EXP0106-02
128. Cox, L.A.Jr. (2003) Low-dose nonlinearity of hematopoietic dose-response relations. Poster presented at *Non-Linear Dose-Response Relationships in Biology, Toxicology, and Medicine: An International Conference*. University of Massachusetts, Amherst, MA, June 8-10  
**LRI Project ID:** RSK0203
129. Cox, L.A.Jr. (2003) A Computer Simulation Model of Low-Dose Interactions Among VOC Hematotoxins In Bone Marrow. Presented at Society for Risk Analysis Annual Meeting. Baltimore. December 7-10
130. Cox, L.A.Jr. (2003) Nonlinear Low-Dose Hematotoxicity. Presentation at *Non-Linear Dose-Response Relationships in Biology, Toxicology, and Medicine: An International Conference*. (University of Massachusetts, Amherst, MA, May 28-30<sup>th</sup>)  
**LRI Project ID:** RSK0203
131. Cox, L.A.Jr. (2004) Emergent, Robust Non-Linearity of Dose-Response Relations in Stochastic Transition Models. Invited presentation at the Society for Risk Analysis (SRA) Annual Meeting.

- Wyndham Palm Springs. Palm Springs, CA, December 5-8  
**LRI Project ID:** RSK0203
132. Cox, L.A.Jr. (2005) Dynamics of u-shaped and n-shaped dose-response in a simple model of cytotoxicity-mediated carcinogenesis. Poster presented at the *Fourth Annual International Conference on Hormesis: Implications for Toxicology, Medicine, and Risk Assessment*. University of Massachusetts at Amherst, Amherst, MA, June 8  
**LRI Project ID:** RSK0203
  133. Cox, L.A.Jr. (2005) Low-dose dose-response nonlinearities as adaptive inventory control risk management strategies for tissues. Invited presentation at the *Fourth Annual International Conference on Hormesis: Implications for Toxicology, Medicine, and Risk Assessment*. University of Massachusetts at Amherst, Amherst, MA, June 8  
**LRI Project ID:** RSK0203
  134. Craigmile, P.F. (2006) Computational strategies for fitting and learning from complex Bayesian hierarchical models. Joint Statistical Meetings; Seattle, Washington; August 9, 2006  
**LRI Project ID:** EXP0106-01
  135. Cressie N., Buxton, B.E., Calder, C.A., Craigmile, P.F., Dong, C., McMillan, N.J., Morara, M., Santer, T.J., Wang, K., Young, G., and Zhang, J. (2005) From sources to biomarkers: A Bayesian approach to human exposure modeling. Poster presented at Ohio State University-Battelle Research Furums, Department of Statistics Preprint #765, November 7 and 28  
**LRI Project ID:** EXP0106-01
  136. Cressie, N. (2006) A hierarchical Bayesian approach for human exposure modeling. XXIII International Biometric Conference; Montreal, Canada, July 21, 2006  
**LRI Project ID:** EXP0106-01
  137. Cressie, N. (2006) Bayesian hierarchical modeling of exposure pathways. Joint Statistical Meetings; Seattle, Washington; August 9, 2006  
**LRI Project ID:** EXP0106-01
  138. Cressie, N. (2006) A multivariate hierarchical Bayesian approach for human exposure modeling. Multivariate Methods in Environmetrics, organized by the Section for Statistics and the Environment of the American Statistical Association; Chicago, Illinois; October 27, 2006  
**LRI Project ID:** EXP0106-01
  139. Custer, K.W. and Burton, G.A.Jr. (2004) Use of indigenous species in field toxicity identification evaluation (TIE) chambers. Abstract presented at the Annual Meeting of the North American Benthological Society, Vancouver, British Columbia, Canada  
**LRI Project ID:** EEE0018
  140. Custer, K.W. and Burton, G.A.Jr. (2004) Use of indigenous species in field toxicity identification evaluation (TIE) chambers. Abstract Presented at Annual Meeting World Congress, Soc. Environ. Toxicol. Chem. Portland, OR  
**LRI Project ID:** EEE0018
  141. Custer, K.W. and Burton, G.A. **Use of indigenous species in field toxicity identification evaluation (TIE) chambers.** 2004.  
Ref Type: Personal Communication  
**CIIT Project ID:** Presented at the Annual Meeting of the North American Benthological Society, Louisville, KY

142. de Bruijne, S., Lake, S., Sexton, K.G., Doyle, M., Ebersviller, S., Naess, E., Jeffries, H.E., Leith, D., and Jaspers, I. (2006) Electrostatic Precipitation as an Alternative Method for In Vitro Exposures to Mixtures of Gases and Particles. 7<sup>th</sup> International Aerosol Conference, St. Paul, MN, 2006  
**LRI Project ID:** CIE0102-02
143. De Groot, D.M.G., Bos-Kuijpers, M.H.M., Van Dael, M.F.P., Hartgring, S.A.Y., Kaufmann, W.S.H., Lammers, J.H.C.M., O'Callaghan, J.P., Pakkenberg, B., Pelgrim, M.T.M., Waalkens-Berendsen, D.H., Waanders, M.M., and Gundersen, H.-J.J. (2004) Developmental neurotoxicity testing with methylmercury and methylazoxymethanol. Poster presentation at the 21<sup>st</sup> International Neurotoxicology Conference, Honolulu, Hawaii, February 10-14, 2004. In: Book of Abstracts, p. 47, A-111  
**LRI Project ID:** NTX0005
144. De Groot, D.M.G., Bos-Kuijpers, M., O'Callaghan, J., Van Dael, M.F.P., Gundersen, H.-J.J., Hartgring, S., van de Horst, L., Kaufmann, W., Otto, M., Pakkenberg, B., Pelgrim, M., Waalkens, I., and Lammers, J. (2005) Prenatal exposure to methyl mercury chloride or methylazoxy methanol. Effects on early postnatal motor activity. Poster presentation at the 44<sup>th</sup> SOT Annual Meeting, March, 6-10  
**LRI Project ID:** NTX0005
145. De Groot, D.M.G., Bisselink, B., Bos-Kuijpers, M., O'Callaghan, J., Hartgring, S., van de Horst, L., Kaufmann, W., Lammers, J., Otto, M., Pakkenberg, B., Pelgrim, M., Waalkens, I., Waanders, M., and Gundersen, H.-J.J. (2005) Developmental neuropathology of methyl mercury chloride. Poster presentation at the 44<sup>th</sup> SOT Annual Meeting, March 6-10  
**LRI Project ID:** NTX0005
146. Degitz, S.J., Korte, J.J., Holcombe, G.W., Kosian, P.A., Tietge, J., Bailey, C.M., Veldhoen, N., Zhang, F., and Helbing, C.C. (2004) Thyroid axis inhibition in *Xenopus laevis*: Gene expression changes in the brain. Presentation at Society of Toxicology 43<sup>rd</sup> Annual Meeting, Baltimore MD, March 21-25  
**LRI Project ID:** END0101
147. Dietert, R. (2003) Symposium on developmental immunotoxicology and children's health. Presentation at Society of Toxicology Meeting, Salt Lake City, Utah, March  
**LRI Project ID:** IMM0102
148. Dietert, R. (2003) Developmental immunotoxicology. Presentation at Louisiana State University, College of Veterinary Medicine, May  
**LRI Project ID:** IMM0102
149. Dietert, R. and Lee, J. (2003) Developmental immunotoxicity of dexamethasone in the rat: comparison of fetal vs. adult exposure. Presentation at LRI Annual Science Meeting, Herndon, VA  
**LRI Project ID:** IMM0102
150. Dietert, R. (2003) Developmental immunotoxicology and critical windows of development. Presentation at European Teratology Society Meeting, Helsingborg, Denmark, September  
**LRI Project ID:** IMM0102
151. Dietert, R. (2003) Developmental immunotoxicology and regulatory considerations. Presentation at Mid-Atlantic Teratology and Reproduction Conference, Glaxo-Wellcome, Philadelphia, PA  
**LRI Project ID:** IMM0102

152. Dietert, R. (2004) Developmental immunotoxicology: differential sensitivity and relative risk. Proceedings of the Henry Stewart Conference on Reproductive, Developmental and Endocrine Studies, Washington, DC, June 16-17. p.443-447  
**LRI Project ID:** IMM0102
153. Dietert, R. (2004). CDC-EPA Workshop on Immunotoxicological Risk Assessment-Shepardstown, WV, July  
**LRI Project ID:** IMM0102
154. Dietert, R., Hussain, I., and Piepenbrink, M. (2004) Early exposure to lead as a possible risk factor for IgE-mediated asthma. Abstract presented in Proceedings, EPA Workshop: Environmental Influences on the Induction and Incidence of Asthma. Research Triangle Park, NC, October 18-19  
**LRI Project ID:** IMM0102
155. Dietert, R. (2005) Developmental immunotoxicology (DIT): Is DIT testing necessary to ensure safety? Proceedings of the 14<sup>th</sup> Immunotoxicology Summer School. Lyon, France, October  
**LRI Project ID:** IMM0102
156. Dietert, R. and Pipenbrink, M. (2005) Developmental immunotoxicology in the rat: age-based comparisons among selected chemicals and drugs. Abstract at the Proceeding of the 26<sup>th</sup> Annual Meeting of the American College of Toxicology, Williamsburg, VA, November  
**LRI Project ID:** IMM0102
157. Dodson, R.E. and Bennett, D.H. (2005) Impact of Secondary Source Zones on Indoor Residential Concentrations of VOCs. Presented at the International Society of Exposure Assessment 2005 Annual Meeting  
**LRI Project ID:** CIE0102-03
158. Dodson, R.E., Levy, J.I., Shine, J.P., Spengler, J.D., and Bennet, D.H. (2006) Indoor source analysis of volatile organic compounds. International Conference on Environmental Epidemiology and Exposure. Paris, France  
**LRI Project ID:** CIE0102-03
159. Dodson, R.E., Levy, J.I., Shine, J.P., Spengler, J.D., and Bennet, D.H. (2006) Measured and modeled personal exposures to volatile organic compounds. International Conference on Environmental Epidemiology and Exposure. Paris, France  
**LRI Project ID:** CIE0102-03
160. Dorman, D.C., Wong, B.A., Sar, M., McManus, B.E., McElveen, A.M., Wallace, D.G., Gross, E.E., and Rao, D.B. **Functional role of transferrin in the uptake of metals to the brain via the olfactory pathway.** Toxicological Sciences 78[S-1], 434. 2004.  
Ref Type: Abstract  
**LRI Project ID:** NTX0017
161. Dorman, D.C. (2005) Particle delivery and the brain. European Center for Ecotoxicology and Toxicology of Chemicals (ECETOC) Workshop on Testing Strategies to Establish the Safety of Nanomaterials  
**CIIT Project ID:** IMFNU0013
162. Dorman, D.C. (2006) Risk assessment implications of direct nose-to-brain transport of inhaled xenobiotics. 45th Annual Meeting Society of Toxicology  
**CIIT Project ID:** IMFNU0013

163. Dorman, D.C. (2006) An overview of nose-to-brain transport of inhaled metals. 45th Annual Meeting Society of Toxicology  
**CIIT Project ID:** IMFNU0013
164. Dorman, D.C. (2006) Olfactory transport of inhaled metals  
**CIIT Project ID:** IMFNU0013
165. Dorman, D.C. (2006) Nanoparticle research at CIIT Centers for Health Research  
**LRI Project ID:** IMFNU0013
166. Doyle, M., Sexton, K.G., Jeffries, H.E., Lichtveld, K., and Jaspers, I. **Photochemical reactions of industrial pollutants enhance cytotoxicity and inflammatory responses in human lung cells.** 2005. ).  
Ref Type: Personal Communication  
**LRI Project ID:** CIE0102-02
167. Doyle, M., Sexton, K.G., Jeffries, H.E., Lichtveld, K., Ebersviller, S., and Jaspers, I. (2005) Atmospheric Photochemical Transformations Enhance 1,3-Butadiene-induced Inflammatory Responses in Human Epithelial Cells: The role of ozone and other photochemical degradation products. Poster presented at the IISRP International Symposium Evaluation of Butadiene & Chloroprene Health Risks, Charleston, SC September 20-22  
**LRI Project ID:** CIE0102-02
168. Doyle, M., Sexton, K.G., Jeffries, H.E., and Jaspers, I. (2005) Smog Chamber Toxicology Better Estimates the True Toxic Potential of Atmospheric Mixtures. International Society of Exposure Analysis (ISEA) Annual Conference, Tucson, AZ, October 30-November 3, 2005  
**LRI Project ID:** CIE0102-02
169. Doyle, M., Sexton, K.G., Jaspers, I., and Jeffries, H.E. (2006) The Effect of Photochemical Aging on the Toxicity of Air Pollution Mixtures: Vanguard Toxicological Approaches Considering Atmospheric Aging. Presentation for the 45<sup>th</sup> Annual Society of Toxicology Meeting, San Diego, CA, March 5-9  
**LRI Project ID:** CIE0102-02
170. Doyle, M., Sexton, K.G., de Bruijne, S., Ebersviller, S., Jeffries, H.E., and Jaspers, I. (2006) Repeated Exposures of Human Respiratory Epithelial Cells to Low Levels of Ozone Sensitizes the Effects induced by Subsequent Challenges to Ozone or HAPS. Poster presentation at the 45<sup>th</sup> Annual Society of Toxicology Meeting, San Diego, CA, March 5-9,  
**LRI Project ID:** CIE0102-02
171. Doyle, M.L., Sexton, K.G., Jaspers, I., Bridge, K., and Jeffries, H.E. (2004) Effects of 1,3-Butadiene, Isoprene, and Their Photochemical Degradation Products on Human Lung Cells. Poster presented at Annual Meeting of The Society of Toxicology, Baltimore, Maryland, 2004  
**LRI Project ID:** CIE0102-02
172. Dunn, C.S., Ross, S.M., Gaido, K.W., and Anderson, M.D. (2005) Pre-Pubertal Mammary Gland Development in Rats treated with Genistein and Methoxychlor. Poster Presentation at annual meeting of the North Carolina Society of Toxicology, Research Triangle Park, NC, February 17  
**LRI Project ID:** END0011  
**CIIT Project ID:** IMFRD0063
173. Dunn, C.S., Batolucci-Page, E., Magnum, J., Li, L., Wilson, G., and You, L. (2005) Pre-pubertal mammary gland development in rats treated with genistein and methoxychlor. Annual Meeting of the North Carolina Society of Toxicology. Research Triangle Park, NC

- LRI Project ID:** END0011  
**CIIT Project ID:** ERD260402; IMFRD0063
174. DuRant, S.E., Hopkins, W.A., and Talent, L.G. (2005) Effects of a cholinesterase-inhibitor on energy acquisition, energy expenditure, and locomotor performance in a reptile. Annual Meeting of the Society of Environmental Toxicology and Chemistry. Baltimore, Maryland, November 14, 2005.  
**LRI Project ID:** END0123
175. DuRant, S.E., Hopkins, W.A., Talent, L.G., and Romero, L.M. (2006) Effect of exogenous corticosterone on respiration in a reptile. Annual Meeting of the Society for Integrative and Comparative Biology. Orlando, Florida, January 5, 2006.  
**LRI Project ID:** END0123
176. Ebersviller, S., Sexton, K.G., Naess, E., Galloway, K., and Jeffries, H.E. (2006) A Comparison of the Oxidation Products and Secondary Organic Aerosol Formation Potential of d-Limonene and an Off-the-shelf Cleaning Product Containing d-Limonene. 7th International Aerosols Conference, St. Paul, MN, 2006  
**LRI Project ID:** CIE0102-02
177. Elswick, B., Leavens, T.L., and Dorman, D.C. (2004) Compiling a database of physiological parameters for pharmacokinetic models of rat pregnancy. Poster presentation at 13<sup>th</sup> annual meeting of the Triangle Consortium for Reproductive Biology, Research Triangle Park, NC, February 7  
**LRI Project ID:** SUS0302
178. Everitt, J.I. and Bermudez, E. **Comparison of interspecies lung responses to ultrafine (nano) titanium dioxide particles.** Toxicological Sciences 78[S-1], 382. 2004.  
Ref Type: Abstract  
**LRI Project ID:** RES0008
179. Fisher, J.W., Craven, M., McMillen, D., and Andersen, M.E. **Computational biology, dose and response.** Toxicological Sciences 78[S-1], 2. 2004.  
Ref Type: Abstract  
**LRI Project ID:** MTH0307
180. Flynn, E., Pastino, G.M., and Sultatos, L.G. (2003) Modeling the influence of alcohol dehydrogenase genetic polymorphisms on ethanol disposition in humans. Presentation at the Society of Toxicology Meeting, March  
**LRI Project ID:** RSK0014
181. Fortino, A.E. and Polston, E.K. (2005) Functionaol Development of Gonadotropin-Releasing Hormone Neurons in the Female Rat. Poster presentation at annual meeting of the Society for Behavioral Neuroendocrinology, Austin, TX, JUne 22-25  
**LRI Project ID:** MTH0401  
**CIIT Project ID:** IMFOB0034
182. Fortino, A.E. and Polston, E.K. (2005) Characterization of a Novel Neuronal Population Associated with Gonadotropin-Releasing Hormone Neurons. Poster presentation at the annual meeting of the Society for Neuroscience, Washington, D.C., November 12-16  
**LRI Project ID:** MTH0401  
**CIIT Project ID:** IMFOB0034

183. Foster, P.M.D. (2001) Antiandrogens and male reproductive development. *The Toxicologist* 60: 4  
**LRI Project ID:** END0008  
**CIIT Project ID:** ERD260304/ERD260305; IMFRD0033
184. Foster, W.G. (2003) Environmental chemical exposure and breast cancer. Regional Oncology Rounds. Juravinski Cancer Centre, Hamilton, Ontario. February, 25  
**LRI Project ID:** RSK0015-02
185. Foster, W.G., Wade, M.G., Hughes, C.L., and YoungLai, E.V. (2004) Developmental exposure to a complex mixture of environmental toxicants interacts with postnatal genistein to induce changes in reproductive development of female Sprague Dawley rats. Presentation at 43<sup>rd</sup> Annual Meeting, Society of Toxicology, Baltimore, MD, March, 21-25  
**LRI Project ID:** RSK001502
186. Foster, W.G. (2005) Reproductive effects of environmental endocrine toxicants. First Sino-Canada Bilateral Workshop on Reproductive Health Research, Beijing, China. November 15-18  
**LRI Project ID:** MTH311-03
187. Foster, W.G., Mirshokraei, P., Bulk, S., and Holloway, A.C. (2006) Developmental exposure to environmentally relevant concentrations of Dieldrin in BABL/c mice does not affect mammary gland development. Presentation at the 4<sup>th</sup> Annual Meeting, Society of Toxicology, San Diego, CA, March, 5-9  
**LRI Project ID:** RSK0015-02
188. Foster, W.G. (2006) Anoikis in estrogen sensitive target tissues and disease. Department of Anatomy and Physiology, Queens University; Kingston, Ontario; December 7, 2006
189. Foster, W.G. (2006) Environmental toxicants and ovarian function. American Society of Reproductive Immunology; Nashville, TN; June 15-17, 2006  
**LRI Project ID:** MTH311-03
190. Foster, W.G. (2007) Resistance to Anoikis in estrogen dependent disease. National Institutes of Child Health and Human Development, Division of Epidemiology, Statistics, & Prevention Research; Rockville, MD; January 11, 2007  
**LRI Project ID:** RSK0015-02
191. Foster, W.G. (2007) Emerging issues in reproductive environmental toxicant research. UCSF-CHE Summit on Environmental Challenges to Reproductive Health and Fertility; University of California at San Francisco, CA; January 28-30, 2007  
**LRI Project ID:** MTH311-03
192. Freidig, A.P., Heijne, W.H.M., Stierum, R.H., Wortelboer, H.M., Schut, M.W., El-Masri, H.A., Moffett, D., and Groten, J.P. (2004) Comparison of empirical and mechanistic models to identify relevant toxicodynamic and toxicokinetic interactions between chemicals in a mixture. Presentation at LRI Annual Science Meeting, Miami, FL, May 5-6  
**LRI Project ID:** RSK0103
193. Gaido, K.W. (2004) A genomics approach to investigate the effects of phthalates on male reproductive development pattern of gene expression. Presentation at Phthalate Esters and Reproductive Health Workshop 2004, Mello, France, September 23-24  
**LRI Project ID:** END0008
194. Gaido, K.W. (2004) A genomics approach to investigate the effects of phthalates on male reproductive development. Systems Biology Initiative. West Virginia University Medical Center,

- Morgantown, WV, November 9  
**LRI Project ID:** END0008
195. Gaido, K.W. (2004) Genomic approaches to phthalate action on fetal testes. Presentation at Joint NIEHS/ACC Developmental Toxicology RFA and Fetal Basis of Adult Disease PAR Grantee Meeting, Research Triangle Park, NC, March 8-9  
**LRI Project ID:** END0008
  196. Gaido, K.W. (2004) A genomics approach to investigate the effects of phthalates on male reproductive development. Systems Biology Initiative. West Virginia University Medical Center, Morgantown, WV, November 9  
**LRI Project ID:** MTH0309
  197. Gaido, K.W. (2004) Genomic approaches to phthalate action on fetal testes. Joint NIEHS/ACC Developmental Toxicology RFA and Fetal Basis of Adult Disease PAR Grantee Meeting. Research Triangle Park, NC  
**LRI Project ID:** MTH0309  
**CIIT Project ID:** RevERD260305; IMFRD0043
  198. Gaido, K.W. (2004) A genomics approach to investigate the effects of phthalates on male reproductive development pattern of gene expression. Phthalate Esters and Reproductive Health Workshop 2004. Mello, France  
**LRI Project ID:** MTH0309  
**CIIT Project ID:** RevERD260305; IMFRD0043
  199. Garcia, G.J.M., Bailie, N., Martins, D.A., and Kimbell, J.S. (2006) Atrophic rhinitis: A computational study of air conditioning in the nasal cavity. 38th Congresso Brasileiro de Otorrinolarigologia. Salvador, Brazil  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
  200. Garcia, G.J.M., Tewksbury, E.W., Wong, B.A., and Kimbell, J.S. (2006) How efficiently does an atrophic nose filter the air? 38th Congresso Brasileiro de Otorrinolaringologia. Salvador, Brazil  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
  201. Garcia, G.J.M., Bailie, N., Martins, D.A., and Kimbell, J.S. (2006) Atrophic rhinitis: Is there a relation between airflow and pathophysiology? UNC Hospitals. Chapel Hill, NC
  202. Garcia, G.J.M., Martins, D.A., Bailie, N., and Kimbell, J.S. (2006) Use of computational fluid dynamics to study nasal air conditioning before and after surgery in an atrophic rhinitis patient. American Thoracic Society International Conference. San Diego, CA  
**LRI Project ID:** END0303  
**CIIT Project ID:** IMFRT0013
  203. Garte, S. (2005) Role of environmental genotoxins in human carcinogenesis Evidence from genetic susceptibility. Presentation at the 35th Annual Meeting of the European Environmental Mutagen Society *Environment and human genetic disease - Causes, mechanisms and effects* Kos, Greece, July 4  
**LRI Project ID:** MTH0311-04
  204. Garte, S. (2005) Biochemical Susceptibility: An Approach to the Genetics of Environmental Carcinogenesis. Seminar presented at the University of Pittsburgh School of Public Health, Department of Environmental and Occupational Health, March 29  
**LRI Project ID:** MTH0311-04

205. Garte, S. (2006) Benzene genotoxicity and metabolism in humans: Dose response and effects of composite genotype. International Council of Chemical Associations LRI Workshop on Interpretation of Human Biomonitoring Data; June 26, 2006  
**LRI Project ID:** MTH0311-04
206. Garte, S. (2006) Lack of benzene induced hematoxicity in Bulgarian petrochemical workers with exposures below 1 ppm. International Council of Chemical Associations LRI Workshop on Interpretation of Human Biomonitoring Data; June 26, 2006  
**LRI Project ID:** MTH0311-04
207. Garte, S. (2006) From molecular epidemiology to observational mechanistic analysis. UPCI Annual Retreat; Johnstown, PA; June 22, 2006  
**LRI Project ID:** MTH0311-04
208. Gentry, P.R., McDonald, T., Sullivan, D., Yager, J., Crump, K.S., and Clewell, H.J. (2006) Integration of the Available Genomic Data for Inorganic Arsenic Species to Support the Development of a Nonlinear Cancer Dose-response Modeling Approach. Poster presentation at annual meeting of the Society of Toxicology, San Diego, CA, March 8.  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
209. Georgopoulos, P.G., Isukapalli, S., Wang, S.W., Lahoti, N., Yang, Y.C., Burke, J., Özkaynak, H., Ching, J., and Pierce, T. (2004) Source-to-dose modeling of long-term population exposures to co-occurring reactive and inert air pollutants. Presentation at ISEA 14th Annual Conference - Exploring Emerging Technologies for Exposure Assessment  
**LRI Project ID:** CIE0102-04
210. Georgopoulos, P.G., Isukapalli, S., Wang, S.W., Yang, Y.C., Zartarian, V., Xue, J., and Özkaynak, H. (2004) Modeling cumulative and aggregate exposures of co-occurring multimedia contaminants in a probabilistic source-to-dose framework. Presentation at ISEA 14th Annual Conference - Exploring Emerging Technologies for Exposure Assessment  
**LRI Project ID:** CIE0102-04
211. Georgopoulos, P.G. (2004) The Modeling Environment for Total Risk Studies (MENTOR). Toxicokinetic models and data for chlorinated VOCs: a Bayesian optimization approach. Presentation at the U.S. EPA National Center for Exposure Assessment  
**LRI Project ID:** CIE0102-04
212. Georgopoulos, P.G. (2004) Assessing multimedia, multipathway, multiroute exposures to contaminants present at hazardous waste sites: A Source-to-dose modeling framework. Presentation at Interagency Risk Assessment Committee (IRAC) Seminar Series, NJ Department of Environmental Protection and NJ Department of Health and Senior Services  
**LRI Project ID:** CIE0102-04
213. Geyer, S. and Burton, G.A.Jr. (2004) Optimization of an *in situ* toxicity identification evaluation device. Abstract presented at Annual Meeting World Congress, Soc. Environ. Toxicol. Chem. Portland, OR  
**LRI Project ID:** EEE0018
214. Greenlee, W.F. (2002) Recasting the toxicology paradigm: a systems biology perspective. Department of Pharmacology & Toxicology, The Brody School of Medicine, East Carolina State University, Greenville, NC  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093

215. Greenlee, W.F. (2002) Risk assessment implications of non-linear dose-responses. Conference on Non-Linear Dose-Response Relationships in Biology, Toxicology, and Medicine. University of Massachusetts, Amherst, MA  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
216. Greenlee, W.F. (2003) Systems biology in a computational toxicology framework. Computational Toxicology Workshop, U.S. Environmental Protection Agency  
**LRI Project ID:** MTH0307  
**CIIT Project ID:** IMFRD0053
217. Gross Bermudez, E.A., Joyner, D.R., Jarabek, A.M., and Kimbell, J.S. (2005) Three-dimensional anatomical reconstruction of the upper respiratory tract of B6C3F1 mice. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 8  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
218. Gross Bermudez, E.A., Joyner, D.R., Jarabek, A.M., and Kimbell, J.S. (2006) A three-dimensional anatomical map of the major epithelial types in the B6C3F1 mouse nasal passages. Society of Toxicology Annual Meeting. San Diego, CA  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
219. Gross, E.A., Kelly, J.T., Joyner, D.R., Dunn, C.S., Kimbell, J.S., and Asgharian, B. (2003) Generation of life-like rodent nasal models. *The Toxicologist* 72: 296  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
220. Gross, E.A., Joyner, D.R., Jarabek, A.M., and Kimbell, J.S. (2006) A Three-dimensional Anatomical Map of the Major Epithelial Types in the B6C3F1 Mouse Nasal Passages,". Poster presentation at annual meeting of the Society of Toxicology, San Diego, CA, March 8  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
221. Groten, J.P. (2004. Presentation at Annual Meeting of the Society of Toxicology, Baltimore, Maryland, March 21-25  
**LRI Project ID:** RSK0103
222. Groten, J.P. (2005. Presentation at Annual Meeting of the Society of Toxicology, New Orleans, LA, March 6-10  
**LRI Project ID:** RSK0103
223. Gryparis, A. (2006) Semiparametric latent variable regression models for modeling the spatial and temporal variability of black carbon concentrations in the Greater Boston area. Spring Meeting of the Eastern North American Region (ENAR) of the International Biometrics Society; Tampa, Florida; March 2006  
**LRI Project ID:** EXP0106-02
224. Halsey, T.A., Page, T.J., Pluta, L., and Thomas, R.S. (2005) Application of a high-coverage functional genomic screen to dissect the NFKB signaling pathway. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, March 8  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023

225. Hartgring, S.A.Y., Van Dael, M.F.P., Gundersen, H.-J.J., Pakkenberg, B., and De Groot, D.M.G. (2004) Developmental neurotoxicity of methylazoxy methanol: A tiered (quantitative) approach for adequate regulatory developmental neuropathology testing. Poster presentation at the 25<sup>th</sup> Meeting of the Netherlands Society of Toxicology, Veldhoven, The Netherlands, June 10-11. In: Proceedings of the Jubilee Annual Meeting of the Netherlands Society of Toxicology, 25<sup>th</sup> Anniversary, (Janssen, M.M.A.M., Smulders, C.J.G.M., and ter Veld, M.G.R., eds., Boogaard, P.J. and Bast, A., scientific eds.), p. 112-113  
**LRI Project ID:** NTX0005
226. Hartley-Whitaker, J., Weeks, J.M., Mitchell, R., Sorokin, N., and Chaplow, J.S. (2003) Fate and influence of natural ecotoxins in the terrestrial environment. Poster presentation at LRI Annual Science Meeting, Washington DC, June 2003  
**LRI Project ID:** EEE0019
227. Hartley-Whitaker, J., Weeks, J.M., Sorokin, N., Mitchell, R., and Black, H.I.J. (2003) Predicting the effects of synthetic chemicals on soil food webs using data on plant toxins. Presentation at European Science Foundation Food Web Symposium, November 2003  
**LRI Project ID:** EEE0019
228. Hartley-Whitaker, J., Weeks, J.M., Sorokin, N., Chaplow, J., Potter, E., and Black, H.I.J. (2004) Fate and influence of natural plant toxins in the terrestrial environment. Presentation at SETAC Europe 14<sup>th</sup> Annual Meeting, Prague  
**LRI Project ID:** EEE0019
229. Heckert, J.S., Salice, C.J., Bazar, M.A., and Talent, L.G. (2003) Refinement of a reptilian toxicity testing system using the western fence lizard, *Sceloporus occidentalis*. Annual meeting of the Society of Environmental Toxicology and Chemistry. Austin, Texas, November 12, 2003  
**LRI Project ID:** END0123
230. Hopkins, W.A., Staub, B.P., Baionno, J.A., Jackson, B.P., and Talent, L.G. (2003) trophic transfer of selenium in the western fence lizard (*Sceloporus occidentalis*). Annual meeting of the Society of Environmental Toxicology and Chemistry. Austin, Texas, November 11, 2003.  
**LRI Project ID:** END0123
231. Howard, A.S., Bucelli, R., Jett, D.A., and Lein, P.J. (2003) Chlorpyrifos inhibits axon outgrowth in primary cultures of peripheral neurons through inhibition of the morphogenic activity of acetylcholinesterase. Society of Toxicology  
**LRI Project ID:** END0035-05
232. Howroyd, P.C., Hoyle-Thacker, R., Lyght, O., Williams, D., and Kleymenova, E. **Morphology of the fetal rat testis preserved in different fixatives.** Toxicological Sciences 78[S-1], 190. 2004.  
Ref Type: Abstract  
**LRI Project ID:** MTH0309
233. Howroyd, P.C., Swanson, C., Dunn, C., Cattley, R.C., and Corton, J.C. (2005) Decreased longevity and enhancement of age-dependent lesions in mice lacking the nuclear receptor peroxisome proliferator-activated receptor alpha. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, Marcy 8  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
234. Hussain, I., Pipenbrink, M., Fitch, K., Marsh, J., and Dietert, R. (2004) Comparison of fetal vs. adult-induced immunotoxicity with cyclosporin-A. Presentation at LRI Annual Science Meeting, Miami, FL, May 5-6  
**LRI Project ID:** IMM0102

235. Ingram, J.L. (2005) Regulation of PDGF Isoforms by IL-13: Implications for Airway Remodeling in Asthma. Invited presentation at Pulmonary, Allergy, and Critical Care Division, Duke University, August 23  
**LRI Project ID:** IMF RT0014  
**CIIT Project ID:** MTH0405
236. Ingram, J.L., Mangum, J., Zhuo, Y., Laky, J., and Bonner, J. (2005) Regulation of CTGF in Pulmonary Fibroblasts in Response to Growth Factors and Oxidative Stress. Poster presentation at 101st International Conference of the American Thoracic Society, San Diego, CA, May 22  
**LRI Project ID:** MTH0405  
**CIIT Project ID:** IMFRT0014
237. Ingram, J.L., Mangum, J., Lyght, O., Elias, J., Lee, P., and Bonner, J. (2005) IL-13 Stimulates PDGF-AA Production in Lung Fibroblasts: Evidence for Signaling Via ERK, Egr-1, and STAT6. Presentation at 101st International Conference of the American Thoracic Society, San Diego, CA, May 23  
**LRI Project ID:** MTH0405  
**CIIT Project ID:** IMFRT0014
238. Ingram, J.L. (2005) Gene Expression Profiling in Human Lung Fibroblasts Exposed to Vanadium-Induced Cellular Stress. Invited presentation at the Visiting Pulmonary Scholar Program, The Searle Center, Durham, NC, October 5  
**LRI Project ID:** MTH0405  
**CIIT Project ID:** IMFRT0014
239. Ingram, J.L. (2005) Gene Expression Profiling in Human Lung Fibroblasts Exposed to Vanadium Pentoxide-Induced Oxidative Stress. Poster presentation at Mechanisms of Action of Inhaled Fibers, Particles and Nanoparticles in Lung and Cardiovascular Disease, EPA Conference Center, Research Triangle Park, NC, October 26-28  
**LRI Project ID:** MTH0405  
**CIIT Project ID:** IMFRT0014
240. Isukapalli, S. and Georgopoulos, P.G. (2004) Application and evaluation of computationally efficient techniques for uncertainty and variability characterization in exposure assessment. Presentation at ISEA 14th Annual Conference - Exploring Emerging Technologies for Exposure Assessment  
**LRI Project ID:** CIE0102-04
241. Isukapalli, S., Vyas, V., and Georgopoulos, P.G. (2005) Fast spatio-temporal interpolation modules for photochemical grid based air quality models. Presentation at The 4th Annual CMAS Models-3 Users' Conference, Chapel Hill, NC  
**LRI Project ID:** CIE0102-04
242. Isukapalli, S., Wang, S.W., Georgopoulos, P.G., Pierce, T., and Ching, J. (2005) A modular system for source-to-dose exposure modeling of co-occurring air pollutants: recent developments and computational implementation. Presentation at The 4th Annual CMAS Models-3 Users' Conference, Chapel Hill, NC  
**LRI Project ID:** CIE0102-04
243. Isukapalli, S., Wang, S.W., Lahoti, N., and Georgopoulos, P.G. (2005) Efficient techniques for sensitivity and uncertainty analysis of multiscale air quality models. Presentation at The 4th Annual CMAS Models-3 Users' Conference, Chapel Hill, NC  
**LRI Project ID:** CIE0102-04

244. Isukapalli, S., Wang, S.W., Özkaynak, H., and Georgopoulos, P.G. (2005) Source-to-dose modeling of long-term population exposures to reactive and non-reactive air pollutants: indoor and outdoor contributions. Presentation at The 15th Annual ISEA Conference, Tucson, AZ  
**LRI Project ID:** CIE0102-04
245. Isukapalli, S. and Georgopoulos, P.G. (2005) Fast, pre-computed modeling blocks for facilitating timely exposure assessment. Presentation at The 15th Annual ISEA Conference, Tucson, AZ  
**LRI Project ID:** CIE0102-04
246. Janz, D.M., Talent, L.G., Brasfield, S.M., Redick, M.S., and Weber, L.P. (2002) Development of a reptile model for terrestrial wildlife ecotoxicological studies. 23<sup>rd</sup> Annual Meeting Society of Environmental Toxicology and Chemistry. Salt Lake City, Utah, November 20, 2002  
**LRI Project ID:** END0123
247. Jarabek, A.M., Andersen, M.E., Kimbell, J.S., and Schlosser, P.M. (2003) Chlorine risk and value-of-information analysis. First Annual Science Meeting of the Long-Range Research Initiative. Herndon, VA  
**LRI Project ID:** MTH0305  
**CIIT Project ID:** IMFRT0043/revIMFRT0033
248. Jarabek, A.M. (2005) Evaluation and prediction of dosimetry in children: empirical and mechanistic approaches. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 8  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
249. Jaspers, I. (2004) Effects of diesel exhaust on influenza infections. Presented at the Seminar at CIIT Centers for Health Research, Research Triangle Park, NC, August  
**LRI Project ID:** ECA0302
250. Jean, P.A., Arthurton, J.A., You, L., and Plotzke, K.P. (2006) Activation of Pregnane Receptor (PXR) and Constitutive Androstane Receptor (CAR) by Octamethylcyclotetrasiloxane (D4) and Decamethylcyclopentasiloxane (D5) In Vitro. Poster presentation at annual meeting of the Society of Toxicology, San Diego, CA, March 8.  
**LRI Project ID:** END0104  
**CIIT Project ID:** IMFRD0023
251. Jeffries, H.E., Sexton, K.G., and Jaspers, I. (2004) Innovative Experimental Techniques to Help Understand Exposure to Volatile Organic Air Toxics. Poster Presented at the Long Range Initiative, American Chemistry Council 2nd Annual Science Meeting, Miami, FL, May 2004  
**LRI Project ID:** CIE0102-02
252. Jeffries, H.E., Jaspers, I., Sexton, K.G., Doyle, M., de Bruijne, S., Ebersviller, S., Bridge, K., Naess, E., Lake, S., Kamens, R.M., Foster, W., and Potts, E. (2007) One Atmosphere Workshop, Significant Findings of a Multidisciplinary Project on Human Health Effects Resulting from Atmospheric Reactions of Urban Air Pollutants, Air Toxics, and Indoor Air Pollutants. EPA, Research Triangle Park, NC, February 5, 2007  
**LRI Project ID:** CIE0102-02
253. Ji, L., Ovaska, K., and Helbing, C.C. (2004) Comparison of genetic, behavioural and developmental effects of acetochlor on *Rana catesbeiana* tadpoles. Presented at the Society of Environmental Toxicology and Chemistry, Portland, OR  
**LRI Project ID:** ECA0102

254. Jia, C., Batterman, S.A., and Godwin, C. (2004) Levels and sources of VOC exposures in microenvironments: A Monte Carlo analysis. Presented at the International Society of Exposure Analysis Annual Meeting. October 17, 2004  
**LRI Project ID:** CIE0102-01
255. Jia, C., Batterman, S.A., and Godwin, C. (2005) Development of a sensitive thermal desorption GC-MS method using selective ion monitoring for a wide range of VOCs. Presentation at IAQ 05. October 4, 2005-October 4, 2005  
**LRI Project ID:** CIE0102-01
256. Johnson, B.A., Kupper, L.L., Taylor, D.J., Lin, Y.S., and Rappaport, S.M. (2006) Population-averaged nonlinear regression models for epidemiologic exposure studies of volatile organic compounds. XXIIIrd International Biometric Conference; Montreal, Canada; July 2006  
**LRI Project ID:** MTH0311-01
257. Johnson, K. (2004) Identifying testicular phthalate targets. Invited presentation at Eastman Chemical Company, Kingsport, TN, August 18  
**LRI Project ID:** MTH0403
258. Johnson, K. (2004) Phthalate hypothesis: what are the proximal targets? Invited plenary session presentation at Phthalate Esters and Reproductive Health Workshop 2004, Mello, France, September 23  
**LRI Project ID:** MTH0403
259. Johnson, K.J., Wallace, D., Hensley, J., Gaido, K., and Boekelheide, K. (2005) Phthalate-induced Murine Testicular Dystenesis and p53. Poster presentation at the 2005 meeting of NIEHS Fetal Basis of Adult Disease Grantee Meeting, Duke University, Durham, NC, November  
**LRI Project ID:** MTH0403  
**CIIT Project ID:** IMFRD0133
260. Johnson, K.J. (2005) Protocadherins in spermatogenesis and the mechanism of phthalate-induced testicular injury. North Carolina State University Environmental and Molecular Toxicology Department Seminar Series. Raleigh, NC  
**LRI Project ID:** MTH0403  
**CIIT Project ID:** IMFRD0133
261. Johnson, K.J. (2005) Early molecular changes in the testis following pubertal phthalate exposure. U.S. EPA Reproductive Toxicology Section Seminar. Research Triangle Park, NC  
**LRI Project ID:** MTH0403  
**CIIT Project ID:** IMFRD0133
262. Johnson, K.J., Wallace, D., and Lahousse, S. (2006) Gene Expression Profiling Suggests a Conserved Initial Mechanism for Fetal and Pubertal Phthalate Testicular Injury. Poster presentation at annual meeting of the Society of Toxicology, San Diego, CA, March 7.  
**LRI Project ID:** MTH0403  
**CIIT Project ID:** IMFRD0133
263. Johnson, K.J. (2006) Testicular molecules and cells targeted by endocrine-active phthalates. Alfred I. duPont Hospital for Children, Wilmington, DE  
**LRI Project ID:** MTH0403  
**CIIT Project ID:** IMFRD0133
264. Johnson, K.J., Wallace, D.G., Liu, D., Gaido, K.W., and Lahousse, S.A. (2006) Gene profiling of fetal and pubertal rat testis following acute phthalate exposure suggests a conserved genetic response. Gordon Conference on Environmental Endocrine Disruptors. Il Cioco, Italy

**LRI Project ID:** MTH0403  
**CIIT Project ID:** IMFRD0133

265. Kapustka, L.A., Yocum, J., and Linkov, I. (2004) Wildlife habitat considerations in spatially-explicit ecological risk assessments. Presentation at the SETAC Annual Meeting, Portland, OR, November  
**LRI Project ID:** EEE0015
266. Kapustka, L.A. (2004) Managing landscapes for ecological goods and services: Using nature to our long-term advantage. Presentation at American Ground Water Trust, Ecological Conference, Bellevue WA, April  
**LRI Project ID:** EEE0015
267. Kapustka, L.A., Linkov, I., and Grebnekov, A. (2004) Assessing ecological risks at the landscape scale: Opportunities and technical limitations. Presentation at US Chapter Annual Meeting of the International Association of Landscape Ecology, Las Vegas, NV, April  
**LRI Project ID:** EEE0015
268. Kernaghan, N., Monck, E., Borgert, C., and Gross, T. (2002) Characterization and manipulation of sex steroids and vitellogenin in freshwater mussels. Poster presented at the Society of Environmental Toxicology and Chemistry Annual Meeting in Salt Lake City, UT, November  
**LRI Project ID:** END0020
269. Kernaghan, N., Monck, E., Wieser, C., and Gross, T.S. (2002) **Characterization and manipulation of sex steroids and vitellogenin in freshwater mussels. Poster presented at the National Shell Fisheries Meeting in Mystic, CT**  
**LRI Project ID:** END0020
270. Kernaghan, N., Monck, E., Borgert, C., and Gross, T. (2003) Characterization and manipulation of sex steroids and vitellogenin in freshwater mussels. Poster presented at the Freshwater Mollusk Conservation Society meeting in Durham, NC, March 2003  
**LRI Project ID:** END0020
271. Kidd, K. (2000) Effects of a potent estrogen mimic on aquatic populations: a whole-lake addition experiment. Presentation at the Endocrine Issues Science Forum, Heidelberg, Germany, November 29  
**LRI Project ID:** END0018
272. Kidd, K., Vandenbyllaardt, L., Weidman, P., and Hesslein, R. (2000) The fate of ethynylestradiol in aquatic enclosures. Poster presented at the 21<sup>st</sup> Annual Society of Environmental Toxicology and Chemistry (SETAC) Meeting, Nashville, TN, November 12-16  
**LRI Project ID:** END0018
273. Kidd, K., Findlay, D., Paterson, M., Podemski, C., Salki, A., Vandenbyllaardt, L., and Liber, K. (2000) Effects of the synthetic estrogen ethynylestradiol on invertebrate, algal and microbial communities. Poster presentation at the 21<sup>st</sup> Annual SETAC Meeting, Nashville, TN, November 12-16
274. Kidd, K. (2000) Effects of a potent estrogen mimic on aquatic populations: a whole-lake addition experiment. Presentation at the Aquatic Toxicity Workshop, St. John's, Newfoundland, October 2-4  
**LRI Project ID:** END0018
275. Kidd, K., Findlay, D., Paterson, M., Podemski, C., Salki, A., Vandenbyllaardt, L., and Liber, K. (2000) Effects of the synthetic estrogen ethynylestradiol on lower-trophic-level organisms.

- Presentation at the Aquatic Toxicity Workshop, St. John's, Newfoundland, October 2-4  
**LRI Project ID:** END0018
276. Kidd, K., Podemski, C., Paterson, M., Findlay, D., Salki, A., Palace, V., Evans, B., Blanchfield, P., Mills, K., Park, B., Werner, J., Brown, S., McMaster, M., Van Der Kraak, G., Lazorchak, J., Toth, G., Lattier, D., Bagley, M., Liber, K., Graham, D., and Londry, K.A. (2001) Whole-lake experiment to examine the effects of a synthetic estrogen on aquatic populations. Presentation at the Toxic Substances Research Initiative Regional Conference, Hamilton, ON, November 9-10  
**LRI Project ID:** END0018
277. Kidd, K., Palace, V., Blanchfield, P., Mills, K., Evans, B., McMaster, M., Brown, S., Van Der Kraak, G., Lattier, D., and Lazorchak, J. (2001) A whole-lake experiment to examine the effects of a synthetic estrogen on fish populations. Presentation at the Aquatic Toxicity Workshop, Winnipeg, MB, September 30 – October 3  
**LRI Project ID:** END0018
278. Kidd, K., Palace, V., Evans, R., Mills, K., Blanchfield, P., Vandenbyllaardt, L., Wautier, K., Lazorchak, J., Lattier, D., and Flick, R. (2001) Biochemical and physiological effects in wild fathead minnows from a lake experimentally treated with the synthetic estrogen, ethynylestradiol. Presentation at the Canadian Symposium on Water Quality, Burlington, ON, February 4-5  
**LRI Project ID:** END0018
279. Kidd, K., Podemski, C., Paterson, M., Findlay, D., Salki, A., Palace, V., Evans, B., Blanchfield, P., Mills, K., Park, B., Werner, J., Brown, S., McMaster, M., Van Der Kraak, G., Lazorchak, J., Toth, G., Lattier, D., Bagley, M., Liber, K., Graham, D., and Londry, K. (2001) A Whole-Lake Experiment to Examine the Effects of a Synthetic Estrogen on Aquatic Populations. Presentation at the Canadian Society of Limnologists Meeting, Vancouver, BC, January 3-5  
**LRI Project ID:** END0018
280. Kidd, K., Podemski, C., Salki, A., Paterson, M., Findlay, D., Park, B., Dyszy, K., and Liber, K. (2002) Impacts of whole-lake synthetic estrogen additions on lower-trophic-level biota. Presentation at the Society of Environmental Toxicology and Chemistry (SETAC) Meeting, Salt Lake City, UT, November 16-20  
**LRI Project ID:** END0018
281. Kidd, K., Palace, V., Evans, B., Mills, K., Salki, A., Blanchfield, P., Mills, K., Paterson, M., Podemski, C., and McMaster, M. (2002) Effects of experimental additions of a synthetic estrogen on freshwater food webs. Aquatic Toxicity Workshop, Whistler, BC, October 20-23  
**LRI Project ID:** END0018
282. Kidd, K. (2002) Effects of a potent estrogen mimic on freshwater populations. Invited Presentation at the Great Lakes WATER Institute, Milwaukee, WI, March 7  
**LRI Project ID:** END0018
283. Kidd, K., Palace, V., Evans, B., Mills, K., Blanchfield, P., Brown, S., McMaster, M., Van Der Kraak, G., Lattier, D., and Lazorchak, J. (2002) Organism- and population-level responses to a synthetic estrogen: preliminary results from a whole-lake experiment. Presentation at the Society of Environmental Toxicology and Chemistry (SETAC) Meeting, Baltimore, MD, November 20-23  
**LRI Project ID:** END0018
284. Kidd, K., Podemski, C., Salki, A., Paterson, M., Findlay, D., Liber, K., Lazorchak, J., and Watson, C. (2003) Impacts of whole-lake synthetic estrogen additions on lower-trophic-level biota. Presentation at SETAC 24<sup>th</sup> Annual Meeting, Austin, TX, November 10-13  
**LRI Project ID:** END0018

285. Kidd, K. (2003) Effects of estrogenic substances on a freshwater ecosystem. Invited plenary talk at the Mid-Atlantic Society of Toxicology Meeting on Pharmaceuticals in the Environment: Risks and Realities, East Windsor, New Jersey, October 7
286. Kidd, K., Podemski, C.L., Paterson, M.J., Salki, A.G., Findlay, D.L., Palace, V.P., Blanchfield, P.J., Mills, K.H., Liber, K., McMaster, M.E., Evans, R.E., and Park, B.J. (2003) Responses of a freshwater food web to synthetic estrogen additions. Presentation at Aquatic Toxicity Workshop, Ottawa ON, September, 28 – October 1  
**LRI Project ID:** END0018
287. Kidd, K., Palace, V., Blanchfield, P., Mills, K., Evans, R., Wautier, K., Vandenbyllaardt, L., Majewski, A., and McMaster, M. (2003) Reproductive and population-level effects in fish from a lake experimentally treated with a potent estrogen mimic. American Fisheries Society Meeting, Quebec City, QC, August 10-13  
**LRI Project ID:** END0018
288. Kidd, K., Paterson, M., Salki, A., Mills, K., and Blanchfield, P. (2004) Effects of a potent estrogen mimic on aquatic populations. Presentation at Aquatic Toxicity Workshop, October 25-27  
**LRI Project ID:** END0018
289. Kidd, K., Palace, V., Blanchfield, P., Mills, K., Wautier, K., Lazorchak, J., and Lattier, D. (2004) Differences in the biochemical- through population-level responses of two minnow species exposed to a potent estrogen mimic. Presentation at SETAC Meeting, Portland, OR, November 14-18  
**LRI Project ID:** END0018
290. Kidd, K., Paterson, M., Salki, A., Findlay, D., Blanchfield, P., and Mills, K. (2004) Responses of a freshwater food web to whole-lake additions of a potent estrogen. Presentation at SETAC Meeting, Portland, OR, November 14-18  
**LRI Project ID:** END0018
291. Kidd, K., Palace, V., Evans, B., Mills, K., Blanchfield, P., Vandenbyllaardt, L., Wautier, K., Lazorchak, J., Lattier, D., and Flick, R. (2006) Biochemical and physiological effects in wild fathead minnows from a lake experimentally treated with the synthetic estrogen, ethynylestradiol. Presentation at the Canadian Symposium on Water Quality, Burlington, ON, February 4-5  
**LRI Project ID:** END0018
292. Kidd, K., Palace, V., Evans, B., Mills, K., Salki, A., Blanchfield, P., Liber, K., Mills, K., Paterson, M., Podemski, C., and McMaster, M. (2006) A whole-lake experiment to examine the effects of a synthetic estrogen on aquatic populations. Canadian Society of Limnologists Meeting, Vancouver, BC, January 3-5  
**LRI Project ID:** END0018
293. Kimbell, J.S. (2003) Considerations of dosimetry in the upper respiratory tract in animals and humans. U.S. Environmental Protection Agency Workshop on Inhalation Risk Assessment: A Superfund Focus  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
294. Kimbell, J.S. (2003) Nasal dosimetry of inhaled gases and particles: Where do inhaled agents go in the nose? A multidisciplinary approach to assess nasal injury caused by the inhalation of complex mixtures in the rodent, a Society of Toxicologic Pathologists Symposium. Annual Meeting of the American College of Toxicology  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043

295. Kimbell, J.S., Segal, R.A., Kalisak, D.L., Richardson, R.B., and Kepler, G.M. (2003) Effects of interindividual differences in human nasal anatomy on upper respiratory tract airflow and inhaled gas uptake. First Annual Science Meeting of the Long-Range Research Initiative, American Chemistry Council  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
296. Kimbell, J.S., Segal, R.A., and Wexler, D. (2003) Three-dimensional computer modeling of the human upper respiratory tract. 10<sup>th</sup> Congress of the International Rhinologic Society, 22<sup>nd</sup> International Symposium on Infection and Allergy of the Nose  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
297. Kimbell, J.S. (2004) Applications of computational fluid dynamics to studies of nasal uptake and deposition. Invited presentation at Biomathematics Program, Department of Statistics, North Carolina State University, Raleigh, NC, February 10  
**LRI Project ID:** RES0201
298. Kimbell, J.S., Dorman, D.C., Schlosser, P.M., Jarabek, A.M., and Andersen, M.E. (2004) Mechanisms of adaptive and adverse responses in the respiratory tract following low-level exposure to inhaled reactive gases. Poster presentation at annual science meeting of the Long-Range Research Initiative, American Chemistry Council, Miami, FL, May 5-6  
**LRI Project ID:** MTH0303
299. Kimbell, J.S. (2004) Correlation of nasal surface-area-to-volume ratio with predicted inhaled gas uptake efficiency in humans. Poster presentation at annual science meeting of the Long-Range Research Initiative, American Chemistry Council, Miami, FL, May 5-6  
**LRI Project ID:** RES0201
300. Kimbell, J.S. (2006) Using computer-assisted airway reconstruction to define dose-response relationships. Assessing Airway Injury and remodeling Induced by Inhaled Pollutants Using Magnetic Resonance Imaging, Microscopy, and Modeling, Continuing Education Course, Annual Meeting of the Society of Toxicology. San Diego, CA  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
301. Kimbell, J.S., Kalisak, D.L., and Garcia, G.J.M. (2006) Use of stereolithography to confirm computational fluid dynamics studies of nasal airflow patterns in an atrophic rhinitis patient. American Thoracic Society International Conference. San Diego, CA  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
302. Kimbell, J.S. (2006) Physiologic flows: Applications of upper respiratory tract modeling to risk assessment, medicine and drug delivery. Healthcare Symposium, Annual Fluent Users Group Meeting. Monterey, CA  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
303. Kimbell, J.S. (2006) Overview, background and application of emerging nasal imaging and computational fluid dynamics/PBPK models for children. Workshop on Children's Inhalation Dosimetry and Health Effects for Risk Assessment held by the U.S. EPA. Washington, DC  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013

304. Kimbell, J.S. (2006) Life beyond the air phase: Adding tissue disposition to models of nasal airway transport. 5th World Congress of Biomechanics Meeting. Munich, Germany  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
305. Kimbell, J.S. (2006) Applications of upper respiratory tract modeling to risk assessment, medicine and drug delivery. Department of Mathematics, Duke University. Durham, NC  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
306. Kimbell, J.S. (2006) Modeling the nose: Implications for inhaled drug delivery. 5th Annual Intranasal, Inhaled, and Pulmonary Drug Development and Delivery Symposium. Washington, DC  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
307. Kimbell, J.S., Schroeter, J.D., Dorman, D.C., and Andersen, M.E. (2006) Life beyond the air phase: Adding tissue disposition to models of nasal airway transport. *J.Biomech.* 39:  
**LRI Project ID:** MTH0304  
**CIIT Project ID:** IMFRT0023
308. Kimbell, J.S. (2007) Nasal modelling: Implications for drug delivery. Nasal Drug Delivery Conference. London, UK  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
309. Kinser, S., Jia, Q., Laughter, A., Cornwell, P., Corton, C., and Pestka, J. (2003) Effects of dietary omega-3 fatty acids on deoxynivalenol-induced global gene expression in vivo. *The Toxicologist* 72: 374  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
310. Kleymenova, E. and Gaido, K.W. (2003) Cell proliferation and apoptosis in the developing male reproductive tract. First Annual Science Meeting of the Long-Range Research Initiative, American Chemistry Council. Herndon, VA  
**LRI Project ID:** MTH0309  
**CIIT Project ID:** revERD260305; IMFRD0043
311. Kleymenova, E., Dei Rossi, E., Liu, J., Pluta, L., Swanson, C., and Gaido, K. (2003) Spermatogenesis after *in utero* disruption of Sertoli and Leydig cell development. 43th Annual Meeting of the American Society for Cell Biology. San Francisco, CA  
**LRI Project ID:** MTH0309  
**CIIT Project ID:** RevERD260305; IMFRD0043
312. Kleymenova, E., Dei Rossi, E., Liu, K., Swanson, C., and Gaido, K. (2003) Spermatogenesis after *in utero* disruption of Leydig and Sertoli cell development. *Mol.Biol.Cell* 14 (Supplement):  
**LRI Project ID:** MTH0309  
**CIIT Project ID:** RevERD260305; IMFRD0043
313. Kleymenova, E., Swanson, C., Tewksbury, E.W., and Gaido, K.W. (2004) Development of multinucleate germ cells in the fetal testis coincides with loss of Sertoli-germ cell contact. Poster presentation at annual meeting of the Society for Developmental Biology, Calgary, Canada, July 24-28  
**LRI Project ID:** MTH0309

314. Kleymenova, E., Dei Rossi, E., Lui, K., Swanson, C., Pluta, L., and Gaido, K.W. **Developmental exposure to di-(n-butyl) phthalate affects cord organization and Sertoli cell-gonocyte interactions in the fetal rat testis.** Toxicological Sciences 78[S-1], 190. 2004.  
Ref Type: Abstract  
**LRI Project ID:** MTH0309
315. Kleymenova, E., Swanson, C., and Gaido, K.W. (2005) Low does cellular responses in the fetal rat testis in utero exposed to di(n-butyl) phthalate. Platform presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 8  
**LRI Project ID:** MTH0309  
**CIIT Project ID:** IMFRD0043
316. Kleymenova, E., Boekelheide, K., Swanson, C., Tewksbury, E., and Gaido, K. (2005) Effects of di(n-butyl) phthalate on fetal development of male germ cells in the rat. Poster presentation at XVII North American Testis Workshop, Seattle, WA, March 31  
**LRI Project ID:** MTH0309  
**CIIT Project ID:** IMFRD0043
317. Kobzik, L. and Goldsmith, C. (2001) Can non-invasive plethysmography predict respiratory allergy to chemicals? Poster mini-symposium presentation at Society of Toxicology Meeting, San Francisco, CA, March 26  
**LRI Project ID:** IMM0003
318. Kobzik, L. (2003) Can non-invasive plethysmography predict respiratory allergy to chemicals? Mini-symposium presentation at Society of Toxicology Meeting, Salt Lake City ,UT, March 13  
**LRI Project ID:** IMM0003
319. Korte, J.J., Kerr, H., Holcombe, G.W., Tietge, J., and Degitz, S. (2005) Gene expression patterns of the amphibian HPT-axis in normal development and after exposure to the modulators methimazole, perchlorate and propylthiouracil  
**LRI Project ID:** END0101
320. Kremer, J.J., Clewell, R.A., and Borghoff, S.J. **Physiologically based pharmacokinetic (PBPK) modeling of di-n-butyl phthalate (DBP) in pregnant rats.** Toxicological Sciences 78[S-1], 417. 2004.  
Ref Type: Abstract  
**LRI Project ID:** MTH0308
321. Kremer, J.J., Clewell, R.A., and Borghoff, S.J. (2005) Prediction of di-n-butylphthalate (DBP) levels in pregnant rats using a physiologically based pharmacokinetic (PBPK) model. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 9  
**LRI Project ID:** MTH0308  
**CIIT Project ID:** IMFRD0013
322. Lapinskas, P.J., Swanson, C., Smith, M., and Corton, J.C. (1999) Characterization of signal cross-talk between the peroxisome proliferator-activated receptor alpha and sphingomyelinase pathways. The Toxicologist 48: 250  
**LRI Project ID:** CAR 0016  
**CIIT Project ID:** CAR203002
323. Lapinskas, P.J. and S (2007) Characterization of signal cross-talk between the peroxisome proliferator-activated receptor alpha and sphingomyelinase pathways
324. Laughter, A., Dunn, C., Stauber, A.J., Voss, K.A., Riley, R., and Corton, J.C. (2001) The role of the peroxisome proliferator-activated receptor alpha and tumor necrosis alpha in modulating the

- effects of fumonisin in mouse liver. *The Toxicologist* 60: 159  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
325. Laughter, A., Anderson, S.P., Dunn, C., Yoon, L., Swanson, C., Chandraratna, R., Stulnig, T.M., Steffensen, K.R., Gustaffson, J., and Corgon, J.C. (2005) Overlapping transcriptional programs regulated by the nuclear receptors peroxisome proliferator-activated receptor alpha, retinoid X receptor and liver X receptor in mouse liver. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 8  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
326. Lazorchak, J., Flick, R., Kidd, K., Palace, V., and Hodge, T. (2002) Vitellogenin Gene Expression in Fathead Minnows Exposed to EE2 in a Whole Lake Dosing Experiment. Society of Environmental Toxicology and Chemistry (SETAC) Meeting, Salt Lake City, UT, November 16-20  
**LRI Project ID:** END0018
327. Lazorchak, J., Flick, R., Lattier, D., Toth, G., Kidd, K., Palace, V., Evans, B., Mills, K., and Hodge, T. (2003) Vitellogenin gene expression in fathead minnows exposed to EE2 in a whole lake dosing experiment. Presentation at SETAC 24<sup>th</sup> Annual Meeting, Austin, TX, November 10-13  
**LRI Project ID:** END0018
328. Lazorchak, J., Flick, R., Kidd, K., Palace, V., and Evans, R. (2004) Fathead minnow and pearl dace pilot at Canadian experimental lakes area. Presentation at Program Review of the Environmental Protection Agency's Endocrine Disruptors Research. Research Triangle Park, NC, December 13-15  
**LRI Project ID:** END0018
329. Lazorchak, J., Palace, V., Evans, R., Wautier, K., Flick, R., Wiechman, B., Braam, A., Kidd, K., and Lattier, D. (2004) Molecular, protein and histological indicators in fathead minnow and pearl dace exposed to EE2 in a whole lake dosing experiment. Presentation at SETAC Meeting, Portland, Oregon, November 14-18  
**LRI Project ID:** END0018
330. Leavens, T.L., Elswick, B., and Dorman, D.C. **Physiological parameters of rats for pharmacokinetic models of prenatal exposure.** *Toxicological Sciences* 78[S-1], 417. 2004.  
Ref Type: Abstract  
**LRI Project ID:** SUS0302
331. Lehmann, K.P., Hensley, J.B., Ross, S.M., Thompson, C.J., Liu, K., and Gaido, K.W. (2005) Gene Expression Profiling Following in Utero Exposure to Phthalate Esters Reveals New Gene Targets in the Etiology of Testicular Dysgenesis. Poster presentation at the Fetal Basis of Adult Diseases Grantee Meeting, Washington, D.C., November 1  
**LRI Project ID:** END0008  
**CIIT Project ID:** IMFRD0033
332. Lein, P.J. (2003) The case of chlorpyrifos: AChE inhibition and beyond, Toxic Damage to Developmental Signals. Symposium, Duke University Integrated Toxicology Program, Duke University, Durham, NC.  
**LRI Project ID:** END0035-05
333. Lein, P.J. (2004) Cell and Molecular Mechanisms of Developmental Neurotoxicity. Department of Environmental and Biomolecular Systems, OGI School of Science & Engineering, Oregon Health

- & Science University, Portland, OR, January  
**LRI Project ID:** END0035-05
334. Lein, P.J. (2004) Mechanism of Organophosphate Developmental Neurotoxicity. Department of Pharmacology and Toxicology, SUNY at Buffalo School of Medicine and Biomedical Sciences, Buffalo, NY, March  
**LRI Project ID:** END0035-05
  335. Lein, P.J. (2004) Mechanism of Organophosphate Developmental Neurotoxicity. Joint NIEHS/ACC Developmental Toxicology RFA and Fetal Basis of Adult Disease PAR Grantee Meeting, Research Triangle Park, North Carolina, March  
**LRI Project ID:** END0035-05
  336. Lein, P.J. (2004) Physiological Evidence of a Link Between Organophosphorus Insecticides and Asthma. Keynote address at Sixth Annual UC Davis Conference for Environmental Health Scientists, Napa, California, August  
**LRI Project ID:** END0035-05
  337. Lein, P.J. (2004) Mechanisms of Organophosphate Developmental Neurotoxicity. Department of Environmental and Molecular Toxicology, Oregon State University, Corvallis, OR  
**LRI Project ID:** END0035-05
  338. Lein, P.J., Yang, D., Howard, A.S., and Bruun, D. (2005) The acetylcholinesterase (AChE) knock-out mouse as a model for mechanistic studies of organophosphorus pesticide developmental neurotoxicity. NIEHS, Genotype to Phenotype Correlations in Health and Disease  
**LRI Project ID:** END0035-05
  339. Lein, P.J., Yang, D., Howard, A.S., and Bruun, D. (2006) Chlorpyrifos inhibits axon outgrowth via disruption of the morphogenic activity of acetylcholinesterase. Society of Toxicology  
**LRI Project ID:** END0035-05
  340. Liao, K.H., Conolly, R.B., Mason, A.M., and Tan, Y. (2005) Use of a physiologically based pharmacokinetic model for chloroform to evaluate biomonitoring data. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 8  
**LRI Project ID:** MTH0300  
**CIIT Project ID:** IMFCB0013
  341. Liao, K.H., Tan, Y.-M., Conolly, R.B., and Clewell, H.J. (2005) Computational Modeling of Chloroform Cytolethality and Regenerative Proliferation for Cancer Risk Assessment. Poster presentation at the 2005 Annual Meeting of the Society of Risk Analysis, Orlando, FL, December 4-7  
**LRI Project ID:** MTH0300  
**CIIT Project ID:** IMFCB0013
  342. Liao, K.H., Tan, Y., Conolly, R.B., Andersen, M.E., and Clewell, H. (2006) Use of Markov Chain Monte Carlo Analysis to Estimate the Pharmacokinetic and Pharmacodynamic Parameters Required for a Mode-of-Action Based Cancer Risk Assessment for Chloroform. Poster presentation at annual meeting of the Society of Toxicology, San Diego, CA, March 9.  
**LRI Project ID:** MTH0300  
**CIIT Project ID:** IMFCB0013
  343. Lin, H.-M., Lyles, R.H., and Williamson, J. (2004) Bias in a placebo-controlled study due to mismeasurement of disease status and regression effect. Presented at the Joint Statistical Meetings of ASA and Biometric Society, Toronto, Canada, August  
**LRI Project ID:** ECA0104

344. Liu, D. and Gaido, K.W. (2006) Modeling effect of nucleotide compositions on expression levels of probes due to non-specific binding on Affy chips. 2006 Summer Program on Multiplicity and Reproducibility in Scientific Studies Workshop  
**CIIT Project ID:** IMFGN0013
345. Liu, D., Page, T., Chu, Z., Gaido, K., Wolfinger, R., and Thomas, R. (2006) Estimating transcription and degradation rates of mRNA in HeLa cells following heat shock. Keystone Symposia: Systems and Biology jointly with Bioinformatics and Proteomics  
**CIIT Project ID:** IMFGN0013
346. Liu, X. and Tjalkens, R.B. **Astroglial-mediated neuronal apoptosis following exposure to manganese and cytokines requires NF-kappa B-dependent production of NO.** Toxicological Sciences 62[1], 404. 2004.  
Ref Type: Abstract  
**LRI Project ID:** ECA0202  
**CIIT Project ID:** Society of Toxicology, 42<sup>nd</sup> Annual Meeting Proceedings
347. Loh, M., Houseman, E.A., and Bennet, D.H. (2004) Characterization of microenvironmental VOC concentrations using a composite sampling method  
**LRI Project ID:** CIE0102-03
348. Loh, M. and Bennet, D.H. (2005) Contribution to Total Personal Exposure of VOC's from Shopping and Dining Microenvironments. Presentation at the International Society of Exposure Assessment 2005 Annual Meeting  
**LRI Project ID:** CIE0102-03
349. Loh, M. and Bennet, D.H. (2006) XCommuter exposures to VOC's in various transportation modes. International Conference on Environmental Epidemiology and Exposure. Paris, France  
**LRI Project ID:** CIE0102-03
350. Lyles, R.H. (2004) Extending McNemar's Test: Estimation and inference when paired binary outcome data are misclassified. Presented at the Emory University Biostatistics Seminar Series, September, 22<sup>nd</sup>  
**LRI Project ID:** ECA0104
351. Lyles, R.H., Williamson, J., Lin, H.-M., and Heiling, C.M. (2004) Extending McNemar's Test: Estimation and inference when paired binary outcome data are misclassified. Presented at the Department of Mathematics and Statistics, Georgia State University, September. (Invited seminar)  
**LRI Project ID:** ECA0104
352. MacLeod, S.L. and Wong, C.S. (2004) Environmental occurrence and fate of pharmaceuticals in the aquatic ecosystem of Lac la Biche, Alberta. Presented at the 4th Society of Environmental Toxicology and Chemistry World Congress, Portland OR  
**LRI Project ID:** ECA0301
353. Marsden, D.A., Jones, D.J.L., Lamb, J.H., Tompkins, E.M., Crookston, R.J.R., Farmer, P.B., and Brown, K. (2005) Development of an LC-MS/MS method for quantifying N7-(2-hydroxyethyl)-guanine adducts. European Journal of Genetic and Molecular Toxicology 155. 35th Annual Meeting of the European Environmental Mutagen Society; Kos, Greece.  
**LRI Project ID:** MTH0311-02
354. Marsden, D.A., Farmer, P.B., Jones, D.J.L., Lamb, J.H., Tompkins, E.M., and Crookston, R.J.R. (2006) Determination of N7HEG adducts in ethylene oxide treated rats using LC-MS/MS. Proceedings of the American Association of Cancer Research 47. AACR 97th Annual Meeting  
**LRI Project ID:** MTH0311-02

355. Marsden, D.A., Farmer, P.B., Jones, D.J.L., Lamb, J.H., Tompkins, E.M., Crookston, R.J.R., and Brown, K. (2006) Measurement of endogenous and exogenously derived *N7*-HEG adducts in ethylene oxide treated rats using LC-MS/MS. *Mutagenesis* 21: 55. Joint Congress of the United Kingdom Environmental Mutagen Society and the British Toxicology Society; Warwick, UK  
**LRI Project ID:** MTH0311-02
356. Marsden, D.A., Jones, D.J.L., Lamb, J.H., Crookston, R.J.R., Farmer, P.B., and Brown, K. (2006) Assessment of the relative contribution of exogenously derived *N7*-(2-hydroxyethyl)guanine adducts in ethylene oxide treated rats. *Eur.J.Genetic Molec.Toxicol.* 31. ECNIS Sponsored Workshop on Biomarkers of Exposure and Cancer Risk: DNA Damage and DNA Adduct Detection & 6th GUM-32P-Postlabelling Workshop; German Cancer Research Centre; Heidelberg, Germany
357. McMillan, N.J. and Cressie, N. (2006) From sources to biomarkers: A hierarchical Bayesian approach to human exposure modeling. ICCA Workshop on Interpreting Biomonitoring Data; Minnesota; July 26, 2006  
**LRI Project ID:** EXP0106-01
358. McMillan, N.J. (2006) Characterizing human exposure to toxic metals using a Bayesian pathways model, Seattle. Joint Statistical Meetings; Seattle, Washington. August 9, 2006  
**LRI Project ID:** EXP0106-01
359. Melson, D.C., Burnham, D.K., Jarrell, V., and Talent, L.G. (2005) Reptile macrophages as indicators of the consequences of estradiol exposure on innate immune responses. Annual Meeting of the Society of Environmental Toxicology and Chemistry. Baltimore, Maryland, November 17, 2005.  
**LRI Project ID:** END0123
360. Melson, D.C., Talent, L.G., and Burnham, D.K. (2005) The effects of hibernation recovery on total peripheral blood leukocytes and phagocytic activity of peritoneal macrophages in *Sceloporus occidentalis*. Federation of American Societies for Experimental Biology. San Diego, California, April 6, 2005.  
**LRI Project ID:** END0123
361. Merrick, B.A., Dixon, D., Corton, C., Bushel, P., Witzmann, F.A., and Rabatin, S. (2002) Toxicity profiling of genes and proteins by toxicologists: advanced topics in toxicogenomics. *The Toxicologist* 66: 3  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
362. Miller, F.J. (2003) Dosimetry of gases and particles: Issues related to the September 11 World Trade Center Disaster. Annual Experimental Biology Meeting  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
363. Miller, F.J. (2003) Dose to the target: The critical linkage between human exposure and response. First Annual Science Meeting of the Long-Range Research Initiative, American Chemistry Council  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
364. Miller, F.J. (2004) Microdosimetric comparisons for particles in animals and humans: An overview of current knowledge and future needs. Invited platform presentation for 23<sup>rd</sup> annual conference of the American Association for Aerosol Research, October 5  
**LRI Project ID:** RES0201

365. Miller, M.E., Holloway, A.C., and Foster, W.G. (2003) Benzo-[a]-pyrene alters cell invasion in a human breast cancer cell lines MDA-MB-231 and BT-474 through altered prostaglandin E<sub>2</sub> (PGE<sub>2</sub>) metabolism. Presentation at the 2<sup>nd</sup> Annual AACR International Conference, Frontiers in Cancer Prevention Research. Phoenix, AZ. October 26-30  
**LRI Project ID:** RSK0015-02
366. Monck, E., Wiebe, J., Spulveda, M.S., Buckland, J., Gross, D., Borgert, C., and Gross, T. (2002) An evaluation of follicular quality for American alligators in contaminated Florida lakes. Poster presented at the 16th Working Meeting of the Crocodile Specialist Group in Gainesville, FL, October  
**LRI Project ID:** END0020
367. Monck, E., Wiebe, J., Sepulved, M., Buckland, J., Gross, D., Borgert, C., and Gross, T. (2002) An evaluation of ovarian status and vitellogenin for American alligators from contaminated lakes in Florida. Poster presented at the Society of Environmental Toxicology and Chemistry Annual Meeting in Salt Lake City UT, November  
**LRI Project ID:** END0020
368. Monck, E., Wiebe, J., Buckland, J., Rauschenberger, R., Sepulved, M., and Gross, T. (2003) Characterization of vitellogenin (vtg) and vitellins in american alligators (*Alligator Mississippiensis*) from organochlorine pesticide (OCP) contaminated lakes in Florida. Poster presented at the Pollutant Responses in Marine Organisms meeting in Tampa, FL, May 2003  
**LRI Project ID:** END0020
369. Morrissey, J.A., Bleackley, D.S., Warner, N.A., and Wong, C.S. (2004) Chiral signatures of organochlorine compounds in Standard Reference Materials. Presented at the 4th Society of Environmental Toxicology and Chemistry World Congress, Portland OR  
**LRI Project ID:** ECA0301
370. Moss, O.R. and DeLorme, M.P. (2003) Inhalation dosimetry differences in BALB/c and B6C3F1 mice influence airway responsiveness to methacholine challenge. *The Toxicologist* 72: 122  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
371. Moss, O.R., Tewksbury, E.W., and DeLorme, M.P. (2004) Microdosimetry of methacholine reveal interplay of morphology and physiology in pulmonary hypersensitivity. Platform presentation at 23<sup>rd</sup> annual conference of the American Association for Aerosol Research, October 5  
**LRI Project ID:** RES0201
372. Moss, O.R. (2004) Microdosimetry of methacholine reveals interplay of morphology and physiology in pulmonary hypersensitivity. Invited presentation at Visiting Pulmonary Scholar Program, Durham, NC, November 3  
**LRI Project ID:** RES0201
373. Moss, O.R., Boggs, N., and Jackman, J. **Exhaled breath protein sampling in unanesthetized pigs.** *Toxicological Sciences* 78[S-1], 437. 2004.  
Ref Type: Abstract  
**LRI Project ID:** MTH0404
374. Moss, O.R., James, A.R., Parkinson, C.U., and Wong, B.A. (2005) Impact of low flow operation in three nose-only exposure systems. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 9  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043

375. Moss, O.R., DeLorme, M.P., and Oldham, M.A. (2005) Morphometric and microdosimetric measurements in methacholine-exposed A/J, Balb/c, and B6C3F1 mice, identify differences that have implications in detection of sthma susceptibility. Poster presentation at International Society for Aerosols in Medicine, Perth, Australia, March 14-18  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
376. Moss, O.R., Tewksbury, E., Boggs, J., and Jackman, J. (2005) Use of Aerosols to Increase Recovery of Exhaled Breath Protein from Unanesthetized Pigs. Poster presentation at the 24th Annual AAR Conference, Austin, TX, October 17-21  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
377. Moss, O.R. (2005) When nanoparticles get in the way: Impact of projected area on in vivo macrophage function. Frontiers in Aerosol Dosimetry Research Conference, The Beckman Center of the National Academies, Irvine, CA  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
378. Moss, O.R., Tewksbury, E.W., Boggs, J., and Jackman, J. (2005) Use of aerosols to increase recovery of exhaled breath protein from unanesthetized pigs. 14<sup>th</sup> annual conference of the American Association for Aerosol Science, Austin, TX  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
379. Moss, O.R., DeLorme, M.P., and Oldham, M.A. (2005) Morphometric and microdosimetric measurements, in methacholine-exposed A/J, Balb/c, and B6C3F1 mice, identify differences that have implications in detection of asthma susceptibility. Journal of Aerosol Medicine 18: 127. International Society for Aerosols in Medicine, ISAM, 2005 Congress. Sheraton Perth Hotel, Western Australia  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
380. Moss, O.R., James, R.A., Parkinson, C.U., and Wong, B.A. (2005) Impact of low flow operation in three nose-only exposure systems. The Toxicologist 84: 298  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
381. Moss, O.R. (2006) When Nanoparticles Get in the Way: Impact of Projected Area on In vivo Macrophage Function. Presentation at Fronteirs in Aerosol Dosimetry Research Conference, the Beckman Center of the National Academies, Irvine, CA, October 24-25  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
382. Moss, O.R., Bermudez, E., and Tewksbury, E.W. (2006) Murine Models of Exhaled Breath. Presentation at the Product Evaluation Division, R.J.Reynolds Tobacco Company, Winston-Salem, NC, February 6.  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
383. Moss, O.R. and Wong, V.A. (2006) Measuring the avalanche scenario in alveolar macrophages: Application of the confocal LSM in semi-automated counting of in vitro macrophage uptake of nanoparticles. Symposium on Cancer Nanotechnology, Carolina Center of Cancer Nanotechnology Excellence. University of North Carolina, Chapel Hill, NC  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024

384. Moss, O.R. (2006) Insights into nanoparticle toxicity. National Institute for Occupational Safety and Health, Division of Applied Research and Technology, Cincinnati, OH  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
385. Moss, O.R. and Wong, V.A. (2006) Measuring the avalanche scenario in alveolar macrophages: Application of the confocal LSM in semi-automated counting of in vitro macrophage uptake of nanoparticles. American Association of Aerosol Research / International Society of Aerosols in Medicine International Meeting, Special Symposium on Nanoparticle Dosimetry Toxicology and Cellular Interactions. St. Paul, MN  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
386. Moss, O.R. (2006) Nanotechnology Symposium: Nanoparticles in the workplace. American Hygiene Conference and Exposition. Chicago, IL  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
387. Moss, O.R. and Wong, B.A. (2006) Overcoming obstacles to effective research design in nanotoxicology. Informa Learning's Conference on Overcoming Obstacles to Effective Research Design in Nanotoxicology. Cambridge, MA  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
388. Moss, O.R. and Tewksbury, E.W. (2006) Three minute inhalation of methacholine by B6C3F1 or Balb/c female mice produces no change in pressure drop across the isolated upper respiratory tract. *The Toxicologist* 90: 347  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
389. Moss, O.R., Bermudez, E., and Tewksbury, E. (2006) Murine models of exhaled breath. Chlorine Research Project Group, U.S. EPA, Pulmonary Toxicology Branch, Research Triangle Park, NC  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
390. Moss, O.R. (2006) Dosimetry can change mechanistic models: The challenge of scrutinizing dose calculations before building a response model. Risk Assessment Specialty Section, Society of Toxicology  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
391. Moss, O.R. (2006) Dosimetry can change mechanistic models: The challenge of scrutinizing dose calculations before building a response model. Product Evaluation Division, R. J. Reynolds Tobacco Company, Winston-Salem, NC  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
392. Moss, O.R., Bermudez, E., and Tewksbury, E.W. (2006) Murine models of exhaled breath. Product Evaluation Division, R. J. Reynolds Tobacco Co., Bowman Gray Technical Center, Winston-Salem, NC  
**LRI Project ID:** MTH0404  
**CIIT Project ID:** IMFRT0024
393. Moss, O.R. (2006) Dosimetry can change mechanistic models: The challenge of scrutinizing dose calculations before building a response model. Risk Assessment Specialty Section, Society of

Toxicology

**LRI Project ID:** RES0201

**CIIT Project ID:** IMFCB0043

394. Moss, O.R. and Tewksbury, E.W. (2006) Three minute inhalation of methacholine by B6C3F1 or Balb/c female mice produces no change in pressure drop across the isolated upper respiratory tract. *The Toxicologist* 90: 347  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
395. Moss, O.R. and Wong, B.A. (2006) Effective research in nanotoxicology requires five essential measurements; measurements to separate cell overload from covering of cells with particles. Conference on Overcoming Obstacles to Effective Research Design in Nanotoxicology  
**CIIT Project ID:** IMFNU0013
396. Moss, O.R. (2006) Toxicity of nanoparticles. Nanotechnology Symposium: Nanoparticles in the Workplace, American Industrial Hygiene conference and exposition  
**CIIT Project ID:** IMFNU0013
397. Moss, O.R. and Wong, V.A. (2006) Measuring the avalanche scenario in alveolar macrophages: Application of the confocal LSM in semi-automated counting of in vitro macrophage uptake of nanoparticles. American Association of Aerosol Research / International Society of Aerosols in Medicine International Meeting, Special Symposium on "Nanoparticle Dosimetry Toxicology and Cellular Interactions"  
**CIIT Project ID:** IMFNU0013
398. Moss, O.R. (2006) Insights into nanoparticle toxicity  
**CIIT Project ID:** IMFNU0013
399. Moss, O.R. and Wong, V.A. (2006) Measuring the avalanche scenario in alveolar macrophages: Application of the confocal LSM in semi-automated counting of in vitro macrophage uptake of nanoparticles. Symposium on Cancer Nanotechnology  
**CIIT Project ID:** IMFNU0013
400. Mu, W., Lui, K., and Gaido, K.W. (2005) Gene expression profiling reveals common targets for various androgen receptor antagonists in developing fetal rat testis. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 9  
**LRI Project ID:** END008  
**CIIT Project ID:** IMFRD0033
401. Mu, W., Liu, K., and Gaido, K.W. (2005) Gene expression profiling reveals common targets for various androgen receptor antagonists in developing fetal rat testis. *The Toxicologist* 84: 352  
**LRI Project ID:** END0008  
**CIIT Project ID:** ERD260304/ERD260305; IMFRD0033
402. Muller, J., Arnold, B., Monck, E., Borgert, C., and Gross, T. (2002) Effect of *in vivo* exposure to p,p-DDE and dieldrin on seasonal gonadal development and steroidogenesis in largemouth bass. Poster presented at Society of Environmental Toxicology and Chemistry Annual Meeting in Salt Lake City UT  
**LRI Project ID:** END0020
403. Muller, J., Sepulveda, M., Arnold, B., Borgert, C., and Gross, T. (2003) Effects of *in vivo* exposure of female largemouth bass to p,p'-DDE and dieldrin on gonadal development, steroidogenesis, fry production, and fry survival. Poster presented at the Pollutant Responses in

- Marine Organisms meeting in Tampa, FL, May 2003  
**LRI Project ID:** END0020
404. Neal, M.S., Petrik, J., Foster, W.G., and Holloway, A.C. (2005) In utero and lactational exposure to nicotine: ovarian effects. Conjoint American Society of Reproductive Medicine and Canadian Fertility & Andrology Society meeting, Montreal, QU, October 16-19  
**LRI Project ID:** MTH311-03
405. Neal, M.S., Zhu, J., and Foster, W.G. (2005) Quantification of benzo-[a]-pyrene (B[a]P) in serum and follicular fluid and its effects on follicle growth in an isolated follicle culture assay. Conjoint American Society of Reproductive Medicine and Canadian Fertility & Andrology Society meeting, Montreal, QU, October 16-19  
**LRI Project ID:** MTH311-03
406. Neal, M.S., Zhu, J., and Foster, W.G. (2005) In utero exposure to endocrine toxicants and dietary phytoestrogens. Linus Pauling Institute, Oregon State University. Corvallis, OR, December 18  
**LRI Project ID:** MTH311-03
407. Nikolai, L.N. and Wong, C.S. (2004) Measurement of pharmaceutical stereoisomers in environmental waters. Presented at the 4th Society of Environmental Toxicology and Chemistry World Congress, Portland OR  
**LRI Project ID:** ECA0301
408. Nylander-French, L.A., Jayaraj, K., Klapper, D., Ball, L.M., and Gold, A. (2004) Biomarkers of exposure to hexamethylene diisocyanate. LRI Annual Science Meeting, Miami, Florida, May 5-6  
**LRI Project ID:** RSK0015-01
409. Page, T., Halsey, T., Pluta, L., and Thomas, R.S. (2005) Mapping gene expression networks: using whole genome expression analysis with RNAi to define the heat shock signal transduction cascade. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 8  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
410. Page, T., Yang, L., Pluta, L., Wolfinger, R., and Thomas, R. (2006) The Identification of HSFI-dependent Gene Transcription in Response to Proteotoxic Stress. Poster presentation at annual meeting of the Society of Toxicology, San Diego, CA, March 7  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
411. Palace, V., Werner, J., Evans, B., Wautier, K., Baron, C., and Kidd, K. (2000) Effects of waterborne ethynylestradiol exposure on metallothionein and lipid soluble vitamins in lake trout. Poster presented at the 21<sup>st</sup> Annual SETAC Meeting, Nashville, TN, November 12-16  
**LRI Project ID:** END0018
412. Palace, V., Kidd, K., Wautier, K., Evans, B., Dick, R., Werner, J., and Baron, C. (2001) Freshwater fish exposed to environmental estrogens have altered lipid soluble vitamin status. Presentation at the Aquatic Toxicity Workshop, Winnipeg, MB, September 30 – October 3  
**LRI Project ID:** END0018
413. Palace, V., Kidd, K., Blanchfield, P., Evans, B., Baron, C., and Wautier, K. (2002) Reproductive effects in fish from a lake experimentally treated with the synthetic estrogen ethynylestradiol. Presentation at the Society of Environmental Toxicology and Chemistry (SETAC) Salt Lake City, UT, November 16-20

414. Palace, V., Kidd, K., Blanchfield, P., Mills, K., Evans, R.E., Baron, C.L., and Wautier, K. (2003) Vitellogenin induction and histopathological effects in pearl dace (*Semotilus margarita*) captured from a lake experimentally treated with the synthetic estrogen ethynylestradiol. Presentation at SETAC 24<sup>th</sup> Annual Meeting, Austin, TX, November 10-13  
**LRI Project ID:** END0018
415. Park, B. and Kidd, K. (2001) Effects of a synthetic estrogen on *Rana septentrionalis* tadpoles in a boreal lake. Presentation at the Aquatic Toxicity Workshop, Winnipeg, MB, September 30 – October 3  
**LRI Project ID:** END0018
416. Park, B., Kidd, K., and Eales, G. (2002) Effects of a synthetic estrogen on tadpole development: a lake exposure study. Aquatic Toxicity Workshop, Whistler, BC, October 20-23  
**LRI Project ID:** END0018
417. Park, B. and Kidd, K. (2003) Effects of 17 $\beta$ -ethynylestradiol on development and gonad differentiation of larval ranids: a lake exposure. SETAC 24<sup>th</sup> Annual Meeting, Austin, TX, November 10-13  
**LRI Project ID:** END0018
418. Patisaul, H.B., Fortino, A.E., and Polston, E.K. (2005) Sexual Differentiation of the Rodent AVPV is Disrupted by Neonatal Exposure to Genistein or Bisphenol A. Poster presentation at annual meeting of the Society for Behavioral Neuroendocrinology, Austin, TX, June 22-25  
**LRI Project ID:** MTH0401  
**CIIT Project ID:** IMFOB0034
419. Patisaul, H.B., Fortino, A.E., and Polston, E.K. (2006) Neonatal exposure to genistein or bisphenol-A disrupts estrous cyclicity and sexual differentiation of the brain in rodents. 15<sup>th</sup> Annual Meeting of the Triangle Consortium for Reproductive Biology. Chapel Hill, NC  
**LRI Project ID:** MTH0401  
**CIIT Project ID:** IMFOB0034
420. Patisaul, H.B., Fortino, A.E., and Polston, E.K. (2006) Neonatal exposure to genistein or bisphenol-A disrupts estrous cyclicity and sexual differentiation of the brain in rodents. Women's Health Research Day. University of North Carolina at Chapel Hill, Chapel Hill, NC  
**LRI Project ID:** MTH0401  
**CIIT Project ID:** IMFOB0034
421. Polston, E.K. (2004) Endocrine-active compounds (EACs) and development of sexually dimorphic forebrain circuits. Poster presentation at annual science meeting of the Long-Range Research Initiative, American Chemistry Council, Miami, FL, May 5-6  
**LRI Project ID:** MTH0401
422. Polston, E.K. and Simerly, R.B. (2004) Ontogeny of projections from the AVPV to GnRH neurons and GnRH neuronal activation. Poster presentation at Society for Neuroscience's 34<sup>th</sup> annual meeting, San Diego, CA, October 26  
**LRI Project ID:** MTH0401
423. Polston, E.K. (2005) Endocrine Active Compounds and their effects on Brain Development: Integration of Methods and Approaches. Participated as Session Chair at 22nd International Toxicology Conference, Research Triangle, NC, September 11-14  
**LRI Project ID:** MTH0401  
**CIIT Project ID:** IMFOB0034

424. Polston, E.K., Fortino, A.E., and Patisaul, H.B. (2005) Sex and the Brain: Evaluating Sex Differences in Neuroendocrine and Behavioral Circuits. Platform presentation at 22nd International Toxicology Conference, Research Triangle Park, NC, September 11-14  
**LRI Project ID:** MTH0401  
**CIIT Project ID:** IMFOB0034
425. Price, P.S., Conolly, R.B., Chaisson, C.F., and Young, J.S. (2003) Modeling inter-individual variation in physiological factors in PBPK models of humans. First Annual Science Meeting of the Long-Range Research Initiative, American Chemistry Council. Herndon, VA  
**LRI Project ID:** MTH0301  
**CIIT Project ID:** IMFCB0023
426. Rao, D.B., Dorman, D.C., and Andersen, M.E. **Pharmacokinetic analyses of the efficiency of uptake of inhaled manganese from the olfactory mucosa into the central nervous system in rats.** Toxicological Sciences 78[S-1], 81. 2004.  
Ref Type: Abstract  
**LRI Project ID:** NTX0017
427. Rappaport, S.M., Kupper, L.L., Taylor, D.T., Johnson, B.J., and Lin, Y.S. (2004) Statistical methods for evaluating exposure-biomarker relationships. Poster presented at the LRI Annual Science Meeting, Miami, Florida, 5-6 May  
**LRI Project ID:** MTH0311-01
428. Rappaport, S.M. (2004) On the importance of cumulative exposure to the doses of volatile organic compounds. Presented at XPASS 2004 (International Symposium on Exposure Assessment), Utrecht, Netherlands, June 16  
**LRI Project ID:** MTH0311-01
429. Rappaport, S.M. (2004) Dose vs. dose rate in assessing chemical exposures - Are 'peaks' important? Presentation at Center for Occupational and Environmental Health, University of Manchester, Manchester, U.K., June 25  
**LRI Project ID:** MTH0311-01
430. Rappaport, S.M. (2005) Dose-Response modeling for benzene. Presentation at Workshop on Representations of Dose-Response Relationships for Chemicals Associated with Non-Cancer Effects and their Policy Implications, Oakland, CA, Jan. 27-28  
**LRI Project ID:** MTH0311-01
431. Rappaport, S.M., Kupper, L.L., and Lin, Y.S. (2005) Air Sampling Versus Biomarkers for Assessing Chemical Exposures. Presentation at the Fifth International Symposium on Modern Principles of Air Monitoring, Loen, Norway, June 12-16  
**LRI Project ID:** MTH0311-01
432. Rappaport, S.M., Kupper, L.L., and Lin, Y.S. (2005) Recent Applications of PBPK Models to Determine the Impact of Exposure Variability (Peak Exposures) on the Long Term Doses of VOCs (Benzene, Perchloroethylene, Acetonitrile) and Their Metabolites. First International Course on Peak Exposure and Human Health, Loen, Norway, June 16-19  
**LRI Project ID:** MTH0311-01
433. Rappaport, S.M., Kupper, L.L., and Lin, Y.S. (2005) Air Samples versus Biomarkers for Epidemiology. Epidemiology Branch, National Institute for Environmental Health Sciences, Research Triangle Park, NC, November 21  
**LRI Project ID:** MTH0311-01

434. Rappaport, S.M., Kupper, L.L., and Lin, Y.S. (2005) Are biomarkers better measures of exposure than air samples for epidemiology studies? Symposium of the U.K. Molecular Epidemiology Group, Imperial College London, U.K., December 8  
**LRI Project ID:** MTH0311-01
435. Rappaport, S.M., Kupper, L.L., and Lin, Y.S. (2005) Are biomarkers better measures of exposure than air samples for epidemiology studies? Bilateral French-American Workshop on Biomarkers, Office of Science and Technology, Embassy of France in the United States, Charleston, SC, January 17  
**LRI Project ID:** MTH0311-01
436. Rappaport, S.M., Kupper, L.L., and Lin, Y.S. (2006) Air samples versus biomarkers for epidemiology. U.S. Environmental Protection Agency, HEASD; Research Triangle Park, North Carolina; March 1, 2006  
**LRI Project ID:** MTH0311-01
437. Rappaport, S.M., Kupper, L.L., Taylor, D.J., and Johnson, B.A. (2006) Statistical methods for evaluating exposure-biomarker relationships, making sense of human biomonitoring data. An International Workshop on Interpreting Biomonitoring Data; Minneapolis, Minnesota; July 26-27, 2006  
**LRI Project ID:** MTH0311-01
438. Reddy, M.B., Plotzke, K.P., Looney, J.R., Utell, M.J., Jovanovic, M.L., McMahon, J.M., McNett, D.A., and Andersen, M.E. (2005) Physiological modeling of the dermal absorption of octamethylcyclotetrasiloxane (D4) and decamethylcyclopentasiloxane (D5). *The Toxicologist* 84: 192  
**LRI Project ID:** MTH0317  
**CIIT Project ID:** IMFCB0093
439. Redick-Harris, M.S., Talent, L.G., and Janz, D.M. (2005) Effects of *in-ovo* exposure to sodium perchlorate on growth, breeding success, and hormone levels of eastern fence lizards. Annual Meeting of the Society of Environmental Toxicology and Chemistry. Baltimore, Maryland, November 14, 2005.  
**LRI Project ID:** END0123
440. Redick-Harris, M.S., Talent, L.G., and Janz, D.M. (2005) Effects of *in ovo* exposure to sodium perchlorate on histology and hormone levels of hatchling and mature male western fence lizards. Annual Meeting of the Society of Environmental Toxicology and Chemistry. Baltimore, Maryland, November 15, 2005.  
**LRI Project ID:** END0123
441. Redick, M.S., Janz, D.M., and Talent, L.G. (2002) Effects of perchlorate on perinatal thyroid levels and hatchability of the western fence lizard. 23<sup>rd</sup> Annual Meeting Society of Environmental Toxicology and Chemistry. Salt Lake City, Utah, November 16, 2002  
**LRI Project ID:** END0123
442. Redick, M.S., Janz, D.M., Anderson, T.A., and Talent, L.G. (2003) Effects of sodium perchlorate on hormone levels and metabolic rates of the western fence lizard. Annual meeting of the Oklahoma Academy of Science. Chickasha, Oklahoma, November 7, 2003  
**LRI Project ID:** END0123
443. Redick, M.S., Janz, D.M., Anderson, T.A., and Talent, L.G. (2003) Effects of sodium perchlorate on hormone levels and metabolic rates of the western fence lizard. Presentation at Annual meeting of the Society of Environmental Toxicology and Chemistry. Austin, Texas, November 11, 2003  
**LRI Project ID:** END0123

444. Redick, M.S., Janz, D.M., and Talent, L.G. (2004) Effects of long term *in ovo* exposure to sodium perchlorate on incubation and growth of sceloporine lizards. Presentation at Annual Meeting of the Society for Environmental Toxicology and Chemistry. Portland, OR, November 16  
**LRI Project ID:** END0123
445. Roberts, A.P., Clements, W.H., Burton, G.A.Jr., and Oris, J.T. (2004) Gene expression in fish as an indicator of contaminant exposure. Poster presented at 2004 SETAC-NA Annual Meeting, Portland, OR  
**LRI Project ID:** EEE0018
446. Roberts, A.P., Oris, J.T., Clements, W.H., and Burton, G.A.Jr. (2005) Development and field-validation of a molecular biomarker approach to exposure assessment. Presentation at SETAC-Europe Meeting, Lille, France  
**LRI Project ID:** EEE0018
447. Roberts, E.S., Wong, V.A., McManus, B.E., and Dorman, D.C. (2005) Hydrogen sulfide exposure causes intracellular acidification of rat nasal respiratory epithelial cells. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 8  
**LRI Project ID:** MTH0304  
**CIIT Project ID:** IMFRT0023
448. Roberts, E.S., Soucy, N.V., Bonner, A.M., and Dorman, D.C. (2006) Normal Gene Expression in Male and Female Sprague-Dawley Rat Nasal Respiratory and Olfactory Epithelia. Poster presentation at annual meeting of the Society of Toxicology, San Diego, CA, March 6  
**LRI Project ID:** MTH0304  
**CIIT Project ID:** IMFRT0013
449. Rushton, L., Jones, D.R., Warren, F.C., Fenty, J., Sutton, A.J., and Abrams, K. (2004) Systematic review and meta-analysis of mortality and cancer incidence among workers in the textiles, fibers and fabrics sector of the chemical industry. Presented at EPICOH - Reducing the Global Burden of Occupational Disease and Injury, Melbourne, Australia, October 13-16  
**LRI Project ID:** EPI0101
450. Rushton, L., Jones, D.R., Warren, F.C., Fenty, J., Sutton, A.J., and Abrams, K. (2004) The challenges of systematic review and meta-analysis in occupational epidemiology: an illustration from the chemical industry. Presented at EPICOH - Reducing the Global Burden of Occupational Disease and Injury, Melbourne, Australia, October 13-16  
**LRI Project ID:** EPI0101
451. Rusyn, I., Denisseko, M.F., Wong, V.A., Butterworth, B.E., Cunningham, M.L., Upton, P.B., Thurman, R.G., and Swenberg, J.A. (2001) Role of oxidative stress to DNA in carcinogenicity of peroxisome proliferators: new evidence from studies of base excision repair enzymes. *The Toxicologist* 54: 160  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
452. Ryan, L. (2006) The use of hierarchical models to combine data from multiple endpoints and multiple sources. American Statistical Association Joint Statistical Meeting; Seattle, Washington, August 2006  
**LRI Project ID:** EXP0106-02
453. Ryan, L. (2006) Bayesian hierarchical modeling of exposure pathways. Joint Statistical Meetings; Seattle, Washington; August 9, 2006  
**LRI Project ID:** EXP0106-01

454. Ryan, L.M. (2006) Statistics, the science of uncertainty. Buckingham Scholar Lecture Series; University of Miami; Oxford, Ohio  
**LRI Project ID:** EXP0106-02
455. Salice, C.J., Heckert, J.S., Bazar, M.A., Paulus, H.I., and Talent, L.G. (2003) Effects of lead on the western fence lizard, *Sceloporus occidentalis*. Annual meeting of the Society of Environmental Toxicology and Chemistry. Austin, Texas, November 11, 2003  
**LRI Project ID:** END0123
456. Salice, C.J., Suski, J.G., and Talent, L.G. (2004) Effects of lead on the western fence lizard, *Sceloporus occidentalis*. Presentation at Annual Meeting of the Society for Environmental Toxicology and Chemistry. Portland, OR, November 14  
**LRI Project ID:** END0123
457. Sar, M., Sripembudur, R., McIntyre, B.S., Bartolucci, E., and You, L. (2001) Effects of dietary exposure to genistein and methoxychlor on mammary gland development in juvenile rats. *The Toxicologist* 54: 295  
**LRI Project ID:** END0011  
**CIIT Project ID:** ERD260402; IMFRD0063
458. Scarborough, J.E., Muller, J.K., Wiebe, J.J., Rauschenberger, R.H., Spulveda, M.S., and Gross, T.S. (2005) An evaluation of organochlorine pesticide egg treatment methodologies in the American alligator (*Alligator mississippiensis*). Poster presentation at the 26<sup>th</sup> annual meeting of the Society of Environmental Toxicology and Chemistry, Baltimore, MD, November  
**LRI Project ID:** END0020
459. Schlosser, P.M. and Borghoff, S.J. **Physiologically based pharmacokinetic (PBPK) modeling of genistein in rats.** *Toxicological Sciences* 66[1], 140. 2003.  
Ref Type: Abstract  
**LRI Project ID:** END0030
460. Schlosser, P.M., Borghoff, S., Coldham, N.G., Tran, H.T., Upmeier, A., and Zager, M.G. (2003) Physiologically based pharmacokinetic (PBPK) modeling of genistein in rats. *The Toxicologist* 72: 180  
**LRI Project ID:** SUS0101  
**CIIT Project ID:** IMFRD0093
461. Schlosser, P.M., Wong, B., Jarabek, A.M., and Trussell, H.J. (2004) Identifying respiratory parameters from plethysmography data. Presentation at Industrial Mathematical and Statistical Modeling Workshop for Graduate Students, North Carolina State University, Raleigh, NC, July 26 - August 3  
**LRI Project ID:** MTH0305
462. Schlosser, P.M. (2004) Uptake and disposition of gases and vapors in the respiratory tract. Lecture at Advanced Toxicology (TOXC207) Course University of North Carolina, Chapel Hill, NC, September 29  
**LRI Project ID:** MTH0305
463. Schlosser, P.M., Borghoff, S.J., Coldham, N.G., Tran, H.T., and Zager, M.G. (2004) Physiologically based pharmacokinetic (PBPK) modeling of genistein in rats. LRI Annual Science Meeting, Miami, FL, May 5-6  
**LRI Project ID:** END0004
464. Schlosser, P.M., Borghoff, S.J., Coldham, N.G., Tran, H.T., and Zager, M.G. (2004) Mathematical modeling of fast and slow genistein pharmacokinetics (PK) in rats. SOT Annual Meeting,

- Baltimore, MD, March 21-25  
**LRI Project ID:** END0004
465. Schlosser, P.M., Breen, M., Chen, Z., Ettinger, B., Jarabek, A.M., Nandi, S., Tapia-Santos, B., Tewksbury, E., Trussell, H.J., Wilson, H., and Wong, B.A. (2005) Analysis of unrestrained whole-body plethysmography (WPB) data by signal processing and mathematical modeling. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 9  
**LRI Project ID:** RES0005  
**CIIT Project ID:** IMFRT0043
466. Schroeter, J.D., Asgharian, B., and Kimbell, J.S. (2005) Effect of particle inertia on regional deposition of inhaled aerosols in a computational fluid dynamics model of human nasal airways. Poster presentation at International Society for Aerosols in Medicine 15th International Congress, Perth, Australia, March 14-18  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
467. Schroeter, J.D., Kimbell, J.S., Andersen, M.E., and Dorman, D.C. (2006) Development of a Pharmacokinetic-Driven Computational Fluid Dynamics Model to Predict Nasal Extraction of Hydrogen Sulfide in Rats. Poster presentation at annual meeting of the Society of Toxicology, San Diego, CA, March 8.  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
468. Schroeter, J.D. (2006) Computational modeling in toxicology and risk assessment. Minisymposium, Society for Industrial and Applied Mathematics/Society for Mathematical Biology Joint Conference on the Life Sciences. Raleigh, NC  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
469. Schroeter, J.D., Kimbell, J.S., Andersen, M.E., and Dorman, D.C. (2006) Development of an air-tissue computational fluid dynamics model to describe extraction of hydrogen sulfide in rat nasal passages. Society for Industrial and Applied Mathematics/Society for Mathematical Biology Joint Conference on the Life Sciences. Raleigh, NC  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0013
470. Schroeter, J.D., Kimbell, J.S., Andersen, M.E., and Dorman, D.C. (2006) Development of a pharmacokinetic-driven computational fluid dynamic model to predict nasal extraction of hydrogen sulfide in rats. *The Toxicologist* 85:  
**LRI Project ID:** MTH0304  
**CIIT Project ID:** IMFRT0023
471. Schwartz, J. (2006) The association of black carbon (predicted from a latent variable model) with mortality in Boston. Annual Meeting of ISEE; Paris, France, September 2006  
**LRI Project ID:** EXP0106-02
472. Segal, R., Kepler, G.M., Kalisak, D.L., Richardson, R.B., and Kimbell, J.S. **Correlation of nasal surface-area-to-volume ratio with predicted inhaled gas uptake efficiency in humans.** *Toxicological Sciences* 78[S-1], 434. 2004.  
Ref Type: Abstract  
**LRI Project ID:** RES0201
473. Segal, R.A. and Kimbell, J.S. (2003) Three-dimensional computer modeling of the human upper respiratory tract. 10<sup>th</sup> Congress of International Rhinologic Society, 22<sup>nd</sup> International Symposium

- on Infection and Allergy of the Nose, 26<sup>th</sup> Congress of the Korean Rhinologic Society  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
474. Seidel, S.D., Boverhof, D.R., Carney, E.W., Charles, G.D., Gennings, C., Gollapudi, B.B., and Zacharewski, T.R. **Interaction analysis of synthetic chemicals and phytoestrogens *in vivo***. Toxicological Sciences 78[1], S. 2004.  
 Ref Type: Abstract  
**LRI Project ID:** END0036
475. Serrano, J., Witthuhn, B., Higgins, L., Martinez, M., Tietge, J., Korte, J., Kosian, P., Holcombe, G., Kerr, H., and Degitz, S. (2005) Protein profiling of *Xenopus laevis* brain cells by 2D-PAGE and *iTRAQ*<sup>TM</sup> labeling following exposure to T4 synthesis inhibitors: Potential application to the assessment/ diagnosis of xenobiotics that perturb the thyroid pathway. Presentation at the Society of Toxicology National Meeting  
**LRI Project ID:** END0101
476. Sexton, K.G., Doyle, M., Jeffries, H.E., and Ebersviller, S. (2005) Development and Testing of a Chemical Mechanism for Atmospheric Photochemical Transformations of 1,3-Butadiene. Poster for ISRP International Symposium Evaluation of Butadiene & Chloroprene Health Risks, Charleston, SC, September 20-22  
**LRI Project ID:** CIE0102-02
477. Sexton, K.G., Doyle, M., Jeffries, H.E., and Jaspers, I. (2005) Smog Chambers: A Tool to examine effects of photochemically aged air in biological system. Presentation for the International Society of Exposure Analysis (ISEA) Annual Conference, Tucson, AZ, October 30-November 3  
**LRI Project ID:** CIE0102-02
478. Sexton, K.G., Doyle, M., de Bruijne, S., Ebersviller, S., Jeffries, H.E., and Jaspers, I. (2006) Examining the Inflammatory Responses of HAPS: The Role of Ozone and other Photochemical Transformation Products. Presentation at the 45<sup>th</sup> Annual Society of Toxicology Meeting, San Diego, CA, March 5-9  
**LRI Project ID:** CIE0102-02
479. Sexton, K.G. (2006) The Effect of Photochemical Aging on the Toxicity of Air Pollution Mixtures: Vanguard Toxicological Approaches Considering Atmospheric Aging. 45<sup>th</sup> Annual Society of Toxicology Meeting, San Diego, CA, March 5-9, 2006  
**LRI Project ID:** CIE0102-02
480. Sexton, K.G. (2006) The University of North Carolina Chamber-Toxicology Laboratory for Studying Atmospheric Chemistry Effects on Toxicity of Air Pollution Mixtures. Environmental Partnership Summit (EPA, UNC, NCSU, AWMA). Research Triangle Park, NC, September 2006  
**LRI Project ID:** CIE0102-02
481. Shade, P. and Georgopoulos, P.G. (2004) Incorporating inter- and intra-individual variability of physiological parameters used in inhalation dosimetry modeling. Presentation at ISEA 14th Annual Conference - Exploring Emerging Technologies for Exposure Assessment  
**LRI Project ID:** CIE0102-04
482. Shultz, F.D., Phillips, S.L., Sar, M., Foster, P.M., and Gaido, K.W. (2001) Analysis of altered gene expression profiles in fetal rat testes exposed to di(n-butyl) phthalate in utero using cDNA arrays. The Toxicologist 60: 72  
**LRI Project ID:** END0008  
**CIIT Project ID:** ERD260304/ERD260305; IMFRD0033

483. Shultz, V.D., Mylchreest, E., Foster, P.M.D., and Gaido, K.W. (1999) Developmental analysis of gene expression in the male reproductive tract during in utero exposure to di-n-butyl phthalate. *The Toxicologist* 48: 19  
**LRI Project ID:** END0008  
**CIIT Project ID:** ERD260304/ERD260305; IMFRD0033
484. Shultz, V.D., Phillips, S.L., Foster, P.M.D., and Gaido, K.W. (2000) Microarray analysis of altered gene expression in the testes of fetal rats exposed to DBP. *Teratology* 61:  
**LRI Project ID:** END0008  
**CIIT Project ID:** ERD260304/ERD260305; IMFRD0033
485. Shultz, V.D., Phillips, S.L., Preschmann, K.P., Foster, P.M.D., and Gaido, K.W. (2000) Altered gene expression in the developing male reproductive tract following in utero exposure to di-n-butylphthalate. *The Toxicologist* 54: 290  
**LRI Project ID:** END0008  
**CIIT Project ID:** ERD260304/ERD260305; IMFRD0033
486. Siegel, J. (2004) Portable air cleaners: The good, the bad, and the ugly. Lecture at the Center for Indoor Environment and Energy, Danish Technical University, Copenhagen, Denmark, December 13  
**LRI Project ID:** ECA0403
487. Siegel, J. (2005) Portable air cleaners: The good, the bad, and the ugly. Lecture at the University of Texas at Houston School of Public Health, Houston, TX, January 24  
**LRI Project ID:** ECA0403
488. Solomon, K.R., Sibley, P.K., Sanderson, H., Richards, S.M., Dryer, S., Posthuma, L., de Zwart, D., Wintersen, A., Brock, T.C.M., and Van den Brink, P.J. (2002) Extrapolation Practice for Ecological Effect Characterization of Chemicals. Presentation at SETAC Annual Meeting in Salt Lake City, UT, November 16-20  
**LRI Project ID:** EEE0017
489. Sorokin, N., Hartley-Whitaker, J., and Black, H.I.J. (2006) Comparative risk assessment of natural and synthetic chemicals in terrestrial environments. SETAC Europe 16<sup>th</sup> Annual Meeting, The Hague, Netherlands  
**LRI Project ID:** EEE0019
490. Soucy, N.V., Parkinson, H.D., Sochaski, M.A., and Borghoff, S.J. **Maternal and fetal disposition of genistein glucuronide and sulfate conjugates following 14-day in utero exposure of genistein.** *Toxicological Sciences* . 2005.  
Ref Type: Abstract  
**LRI Project ID:** END0030
491. Soucy, N.V., Parkinson, H.D., Sochaski, M., and Borghoff, S. (2005) Maternal and fetal disposition of genistein glucuronide and sulfate conjugates following 14-day in utero exposure to genistein. *The Toxicologist* 84: 251  
**LRI Project ID:** SUS0101  
**CIIT Project ID:** IMFRD0093
492. Soucy, N.V., Parkinson, H.D., and Borghoff, S.J. (2006) Placental Gene Expression in Response to High Levels of Unconjugated Genistein in Placenta of Rats Administered Genistein. Poster presentation at annual meeting of the Society of Toxicology, San Diego, CA, March 6.  
**LRI Project ID:** END0030  
**CIIT Project ID:** IMFRD0093

493. Soucy, N.V., Parkinson, H.D., and Borghoff, S. (2006) Placental gene expression in response to high levels of unconjugated genistein in placenta of rats administered genistein. *The Toxicologist* 90: 34  
**LRI Project ID:** SUS0101  
**CIIT Project ID:** IMFRD0093
494. Stauber, A.J., Anderson, S.P., Fan, L.Q., Conolly, R., Preston, J., and Corton, J.C. (1999) A strategy for associating peroxisome proliferator-induced hepatocellular changes with patterns of gene expression. *The Toxicologist* 48: 233  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
495. Stauber, A.J., Liu, J., Waalkes, M.P., Brown-Borg, H., Voss, K.A., Kopchick, J.J., and Corton, J.C. (2005) Constitutive expression of peroxisome proliferator-activated receptor alpha-regulated genes in dwarf mice. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 8  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
496. Struve, M.F., Bermudez, E.B., Roberts, E.S., Thomas, R., Kimbell, J.S., and Dorman, D.C. (2006) Application of nasal epithelial gene expression changes in the risk assessment of irritant gases. Annual American College of Toxicology Meeting. Indian Wells, CA  
**LRI Project ID:** END0303  
**CIIT Project ID:** IMFRT0013
497. Struve, M.F., Bermudez, E.B., Roberts, E.S., Thomas, R.S., Kimbell, J.S., and Dorman, D.C. (2006) Application of nasal epithelial gene expression changes in the risk assessment of irritant gases. Proceedings of the Annual American College of Toxicology Meeting  
**LRI Project ID:** MTH0303  
**CIIT Project ID:** IMFRT0023
498. Sultatos, L.G., Flynn, E., and Pastino, G.M. **Modeling genetic polymorphisms of alcohol dehydrogenase.** *The Toxicologist* 66[1-S], 1123. 2002.  
Ref Type: Abstract  
**LRI Project ID:** RSK0014
499. Swanson, C.L., Gaido, K., and Kleymenova, E. (2005) Confocal and conventional microscopic examination of DBP-induced cellular alterations in the rat tests. Annual Meeting of the North Carolina Society of Toxicology. Research Triangle Park, NC  
**LRI Project ID:** MTH0309  
**CIIT Project ID:** RevERD260305; IMFRD0043
500. Talent, L.G., Janz, D.M., and Talent, S.G. (2002) Evaluation of two species of fence lizards as potential reptile models for ecotoxicological studies. 23<sup>rd</sup> Annual Meeting Society of Environmental Toxicology and Chemistry. Salt Lake City, Utah, November 18, 2002  
**LRI Project ID:** END0123
501. Talent, L.G., Janz, D.M., and Talent, S.G. (2002) Evaluation of fence lizard eggs as a reptile-egg screening assay for endocrine disrupting chemicals. 23<sup>rd</sup> Annual Meeting Society of Environmental Toxicology and Chemistry. Salt Lake City, Utah, November 18, 2002  
**LRI Project ID:** END0123
502. Talent, L.G. (2004) Fence lizards have potential for use in environmental risk assessments. Presentation at Annual meeting of the Society for Risk Analyses. Palm Springs, CA, December 7  
**LRI Project ID:** END0123

503. Talent, L.G., Cooper, N.L., Redick, M.S., and Janz, D.M. (2004) Window of sensitivity when the phenotypic sex of male fence lizards can be altered. Presentation at Annual Meeting of the Society for Environmental Toxicology and Chemistry. Portland, OR, November 14  
**LRI Project ID:** END0123
504. Talent, L.G. (2006) Evaluation of fence lizards for use as reptile laboratory models for ecotoxicological studies. Plenary Presentation at Annual Meeting of the Ozark-Prairie Chapter of the Society of Environmental Toxicology and Chemistry. Columbia, Missouri, May 23, 2006.  
**LRI Project ID:** END0123
505. Tan, C. and Conolly, R.B. **The contribution of pharmacokinetic variability to variability in hepatic labeling index data from B6C3F1 mice exposed to chloroform.** Toxicological Sciences 78[S-1], 362. 2004.  
Ref Type: Abstract  
**LRI Project ID:** MTH0300
506. Tan, Y., Butterworth, B.E., and Conolly, R.B. (2002) Biologically based modeling of chloroform cytolethality and regenerative cellular proliferation. The Toxicologist 66: 339  
**LRI Project ID:** MTH0300  
**CIIT Project ID:** BIO1B025; IMFCB0013
507. Tan, Y. and Conolly, R.B. (2003) Computational modeling of chloroform cytolethality and regenerative proliferation. First Annual Science Meeting of the Long-Range Research Initiative, American Chemistry Council. Herndon, VA  
**LRI Project ID:** MTH0300  
**CIIT Project ID:** BIO1B025; IMFCB0013
508. Tan, Y., Butterworth, B., and Conolly, R. (2003) A threshold linkage between chloroform-induced cellular damage and cytolethality provides better fit to hepatic labeling index data than a linear linkage. The Toxicologist 72: 139  
**LRI Project ID:** MTH0300  
**CIIT Project ID:** BIO1B025; IMFCB0013
509. Tan, Y., Lio, K., Conolly, R.B., and Clewell, H.J. (2005) Use of Biologically Based Computational Modeling in Mode of Action-Based Assessment: an Example of Chloroform. Poster presentation at United States Environmental Protection Agency Workshop on Optimizing the Design and Interpretation of Epidemiologic Studies to Consider Alternative Disinfectants of Drinking Water, Research Triangle Park, NC, June 2  
**LRI Project ID:** IMFCB0013  
**CIIT Project ID:** MTH0300
510. Tan, Y. (2005) Modeling Aggregate Exposure and Cumulative Risk Assessment of Mixtures of Common Modes of Action. Platform presentation at Contemporary Concepts in Toxicology Meeting, Atlanta, GA, February 17  
**LRI Project ID:** MTH0301  
**CIIT Project ID:** IMFCB0023
511. Tan, Y. and Conolly, R.B. (2005) Monte Carlo analysis of sources of variability in chloroform-induced hepatic cytolethality and regenerative proliferation in B6C3F1 mice. Poster presentation at annual meeting of the Society of Toxicology, New Orleans, LA, March 7  
**LRI Project ID:** MTH0300  
**CIIT Project ID:** IMFCB0013
512. Tan, Y. (2005) Physiologically based pharmacokinetic (PBPK) modeling as an alternative to relative potency factors. Annual Meeting of the Society of Toxicology. New Orleans, LA

- LRI Project ID:** MTH0301  
**CIIT Project ID:** IMFCB0023
513. Tao, C., Liao, K., Conolly, R.B., and Clewell, H.J. (2004) Use of biologically based computational modeling in mode of action-based risk assessment: An example of chloroform. U.S. Environmental Protection Agency Workshop on Optimizing the Design and Interpretation of Epidemiologic Studies to Consider Alternative Disinfectants of Drinking Water. Research Triangle Park, NC  
**LRI Project ID:** MTH0300  
**CIIT Project ID:** BIO1B025; IMFCB0013
514. Thomas, R.S. (2004) A systems biology approach to cross-species extrapolation. Presentation at National Academy of Sciences Committee on Emerging Issues and Data on Environmental Contaminants, Washington, DC, August 12  
**LRI Project ID:** MTH0402
515. Thomas, R.S. (2004) Application of functional genomics research to toxicology. Toxicogenomic approaches to particle-induced lung disease. Research showcase presentation at annual science meeting of the Long-Range Research Initiative, American Chemistry Council, Miami, FL, May 5-6  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
516. Thomas, R.S. (2004) Methods and applications of functional genomics to health effects research. Poster presentation at annual science meeting of the Long-Range Research Initiative, American Chemistry Council, Miami, FL, May 5-6  
**LRI Project ID:** MTH0402
517. Thomas, R.S. (2004) Implementing a functional genomics approach to toxicology. Seminar at Department of Molecular, Cellular and Craniofacial Biology, University of Louisville, School of Dentistry Birth Defects Center, Louisville, KY, November 10  
**LRI Project ID:** MTH0402
518. Thomas, R.S. (2004) Implementing a systems biology approach in toxicology. Presentation at Department of Environmental and Molecular Toxicology, North Carolina State University, Raleigh, NC, September 14; Department of Environmental Health, Colorado State University, Fort Collins, CO, November 1  
**LRI Project ID:** MTH0402
519. Thomas, R.S. (2005) Application of Functional Genomics to Toxicology Research. Keynote Address at 2005 Conference on The Application of Systems Biology to Environmental Health Research, University of West Virginia, Morgantown, West Virginia, August 1-3  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
520. Thomas, R.S. (2005) Application of Functional Genomic Tools for Dissecting Cellular Signaling Networks. Seminar at Molecular and Cellular Biology and Biochemistry Seminar Series, Virginia Tech University, Blacksburg, VA, February 11  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
521. Thomas, R.S. (2005) Computational Modeling of Signaling Pathways Mediating Cell Cycle and Apoptotic Responses to Ionizing Radiation Induced Damage. Presentation at 31st Annual Summer Meeting of The Toxicology Forum, Given Institute, Aspen, CO, July 13-15

- LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
522. Thomas, R.S. (2005) Molecular biology and the future of risk assessment. Risk Assessment Course, North Carolina State University, Raleigh, NC  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
523. Thomas, R.S. (2005) Systems biology: A fundamental approach to dose-response assessment. 31<sup>st</sup> annual summer meeting of The Toxicology Forum. Aspen, CO  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
524. Thomas, R.S., Pluta, L.H., Page, T.J., MacDonald, J.M., Winnike, J., and Wolfinger, R.D. (2006) A Transomic Biomarker Comparison for Predicting in Cancer Bioassays. Poster presentation annual meeting of the Society of Toxicology, San Diego, CA, March 8.  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
525. Thomas, R.S. (2006) Chemical risk assessment improvement: Can genomic tools provide more power? U.S. Environmental Protection Agency, Research Triangle Park, NC  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
526. Thomas, R.S. (2006) Using omic technologies to predict long-term effects from short-term studies: Can we replace the rodent cancer bioassay? CIIT Open House, CIIT Centers for Health Research. Research Triangle Park, NC  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
527. Thomas, R.S. (2006) A comparison of transcriptomic and metabonomic technologies for identifying biomarkers predictive of two-year rodent cancer bioassays. Metabonomics Group, University of North Carolina, Chapel Hill, NC  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
528. Thomas, R.S. (2006) Using functional genomic technologies to understand the topology of signaling networks: Potential application to dose-response assessment. Computational Toxicology Symposium. 27<sup>th</sup> Annual American College of Toxicology Meeting. Indian Wells, CA  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
529. Thomas, R.S. (2006) Application of genomic technology to toxicology research. Annual Meeting of the Toxicology Society of South Africa. Pretoria, SA  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
530. Thomas, R.S. (2006) Application of functional genomics technologies to understand the topology of signaling networks. Meeting of the Society of Industrial and Applied Mathematics. Raleigh, NC  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
531. Thomas, R.S. (2006) Identifying transomic biomarkers to predict rodent cancer bioassays. Laboratory of Experimental Pathology Group, National Institutes of Environmental Health Sciences, Research Triangle Park, NC

- LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
532. Thomas, R.S. (2006) Application of genomic technology to toxicology: Identifying predictive biomarkers and assessing the impact of chemicals on cell signaling networks. Colgate-Palmolive Student *In Vitro* Toxicology Lecture, Annual meeting of the Society of Toxicology  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
533. Thomas, R.S., Pluta, L.H., Page, T.J., MacDonald, J.M., Winnike, J., and Wolfinger, R.D. (2006). *The Toxicologist* 90: 429  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
534. Thomas, R.S. (2007) Chemical risk assessment improvement: Can genomic tools provide more power? Molecular Toxicology Group, National Institutes of Environmental Health Sciences. Research Triangle Park, NC  
**LRI Project ID:** MTH0402  
**CIIT Project ID:** IMFGN0023
535. Thompson, C.J., Ross, S.M., and Gaido, K.W. (2003) Di(n-butyl) phthalate interferes with fetal testicular steroidogenesis at the level of cholesterol transport and cleavage. *The Toxicologist* 72: 273  
**LRI Project ID:** END0008  
**CIIT Project ID:** ERD260304/ERD260305; IMFRD0033
536. Thompson, C.J., Ross, S.M., and Gaido, K.W. (2003) An investigation of the timing and mechanism of phthalate ester-induced testicular toxicity in the rat fetus. Spring Meeting of North Carolina Chapter of the Society of Toxicology. Research Triangle Park, NC  
**LRI Project ID:** END0008  
**CIIT Project ID:** ERD260304/ERD260305; IMFRD0033
537. Thompson, C.J., Ross, S.M., and Gaido, K.W. (2003) Cellular and molecular targets during androgen-mediated male reproductive tract development. First Annual Science Meeting of the Long-Range Research Initiative, American Chemistry Council. Herndon, VA  
**LRI Project ID:** END0008  
**CIIT Project ID:** ERD260304/ERD260305; IMFRD0033
538. Thompson, C.J. and Gaido, K.W. (2003) Timing and mechanisms of phthalate ester-induced testicular toxicity in the rat fetus. Receptor Mechanism Discussion Group, National Institute of Environmental Sciences. Research Triangle Park, NC  
**LRI Project ID:** END0008  
**CIIT Project ID:** ERD260304/ERD260305; IMFRD0033
539. Thompson, C.J. and Gaido, K.W. (2003) Timing and mechanisms of phthalate ester-induced testicular toxicity in the rat fetus. Endocrine Disrupting Chemicals Forum Discussion Group, National Institute of Environmental Health Sciences. Research Triangle Park, NC  
**LRI Project ID:** END0008  
**CIIT Project ID:** ERD260304/ERD260305; IMFRD0033
540. Thurman, R.G., Rose, M.L., and Cattley, R.C. (1999) Dietary glycine prevents the development of liver tumors caused by the peroxisome proliferator WY-14, 643. *The Toxicologist* 48: 346  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002

541. Tjalkens, R.B. (2004) For whom the bell tolls: neurodegeneration and the new glial biology. Presented in front of the Department of Environmental and Radiological Health Sciences, Colorado State University, CO  
**LRI Project ID:** ECA0202
542. Tjalkens, R.B. (2005) Astroglia and basal ganglia dysfunction: implications from manganese neurotoxicity. Presented at the Society of Toxicology, Annual Conference, New Orleans, LA, Symposium (Lecture)  
**LRI Project ID:** ECA0202
543. Tjalkens, R.B. (2005) For whom the bell tolls: glia and neurodegeneration in parkinsonism. Presented in front of the Department of Biomedical Sciences, Colorado State University, CO  
**LRI Project ID:** ECA0202
544. Tonne, C. (2006) The association of black carbon (predicted from latent variable model) with myocardial infraction in a case-control study in Worcester. Annual Meeting of the ISEE; Paris, France; September 2006  
**LRI Project ID:** EXP0106-02
545. Turner, K.J., McIntyre, B.S., Phillips, S.L., Barlow, N.J., Bowman, C.J., and Foster, P.M. (2003) Effects of in utero exposure to linuron on rat Wolffian duct development. *The Toxicologist* 72: 275  
**LRI Project ID:** END0008  
**CIIT Project ID:** ERD260304/ERD260305; IMFRD0033
546. Upmeier, A., Elswick, B., Parkinson, H.D., and Borghoff, S.J. **Pharmacokinetics of <sup>14</sup>C-genistein following I.V. administration in adult female Sprague-Dawley rats.** *Toxicological Sciences* 66[1], 140. 2002.  
Ref Type: Abstract  
**LRI Project ID:** END0030
547. Upmeier, A., Elswick, B., Parkinson, H.D., and Borghoff, S.J. (2002) Pharmacokinetics of <sup>14</sup>C-genistein following I.V. administration in adult female Sprague-Dawley rats. *The Toxicologist* 66: 140  
**LRI Project ID:** SUS0101  
**CIIT Project ID:** IMFRD0093
548. Upmeier, A., Elswick, B.A., Parkinson, H.D., Krol, W.L., and Borghoff, S.J. **Pharmacokinetics of genistein following intravenous and oral administration to adult female Sprague-Dawley rats.** *Toxicological Sciences* 72[S-1], 146. 2003.  
Ref Type: Abstract
549. Upmeier, A., Elswick, B., Parkinson, H.D., Krol, W.L., and Borghoff, S.J. (2003) Pharmacokinetics of genistein following intravenous and oral administration to adult female Sprague-Dawley rats. *The Toxicologist* 72: 147  
**LRI Project ID:** SUS0101  
**CIIT Project ID:** IMFRD0093
550. Valles, E.G., Laughter, A., Dunn, C., Cattley, R.C., and Corton, J.C. (2000) Role of PPAR alpha in hepatic responses to diisononyl phthalate (DINP). *The Toxicologist* 54: 418  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
551. Voss, K., Owen, J.R., Laughter, A., Dunn, C., Anderson, S.P., Riley, R., Miller, D., and Corton, C. (2003) Role of the peroxisome proliferator-activated receptor alpha in modulating the effects of

- fumonisin B1 in mouse liver. *The Toxicologist* 72: 7  
**LRI Project ID:** CAR0016  
**CIIT Project ID:** CAR203002
552. Wang, J., Liao, K.H., Conolly, R., and Tan, C. (2005) The Use of Physiologically Based Pharmacokinetic/Pharmacodynamic Modeling in Quantitative Safety Assessment. Poster presentation at Cambridge Healthtech Institute's Second Annual Predictive Toxicology Conference, San Diego, CA, January 11-12  
**LRI Project ID:** MTH0300  
**CIIT Project ID:** IMFCB0013
553. Wang, S.W., Jornsten, R., and Georgopoulos, P.G. (2004) Characterizing key contributors to biomarker levels of volatile organic compounds. Presentation at UMDNJ-Robert Wood Johnson Medical School Research Day  
**LRI Project ID:** CIE0102-04
554. Wang, S.W., Georgopoulos, P.G., Li, G., and Rabitz, H. (2004) Characterizing uncertainties in human exposure modeling through the Random Sampling-High Dimensional Model Representation (RS-HDMR) methodology. Presentation at ISEA 14th Annual Conference - Exploring Emerging Technologies for Exposure Assessment  
**LRI Project ID:** CIE0102-04
555. Wang, S.W., Jornsten, R., and Georgopoulos, P.G. (2004) Characterizing the relationship between biomarkers of exposure to volatile organic compounds and their environmental, demographic, and activity variables for the Great Lakes region. Presentation at ISEA 14th Annual Conference - Exploring Emerging Technologies for Exposure Assessment  
**LRI Project ID:** CIE0102-04
556. Wang, S.W., Isukapalli, S., Sasso, A., Yang, Y.C., Zartarian, V., Xue, J., Özkaynak, H., and Georgopoulos, P.G. (2005) Modeling cumulative and aggregate exposures of co-occurring multimedia contaminants in a probabilistic source-to-dose framework. Presentation at The 15th Annual ISEA Conference, Tucson, AZ  
**LRI Project ID:** CIE0102-04
557. Wang, X. and You, L. (2005) Genistein and Methoxychlor Decrease Leptin Production. Poster presentation at annual meeting of the Endocrine Society, San Diego, CA, June 4-7  
**LRI Project ID:** END0011  
**CIIT Project ID:** IMFRD0063
558. Wang, X., Nicoll, J., and You, L. (2006) Methoxychlor Delays Male Rat Pubertal Onset Through Anti-adipogenesis. Platform presentation at annual meeting of the Society of Toxicology, San Diego, CA, March 7.  
**LRI Project ID:** END0011  
**CIIT Project ID:** IMFRD0063
559. Waters, K.M., Safe, S., and Gaido, K.W. (2001) Differential regulation of gene expression by methoxychlor and estrogen using cDNA array and RT-PCR analysis. *The Toxicologist* 60: 295  
**LRI Project ID:** END0011  
**CIIT Project ID:** ERD260402; IMFRD0063
560. Waters, K.M., Safe, S., and Gaido, K.W. (2001) Differential regulation of gene expression by methoxychlor and estrogen using cDNA array and RT-PCR analysis. North Carolina Society of Toxicology Annual Meeting. Research Triangle Park, NC  
**LRI Project ID:** END0011  
**CIIT Project ID:** ERD260402; IMFRD0063

561. White, D.C., Beacock, A.D., Chang, Y.J., Jo, S.C., Cantu, J., Biggerstaff, J.P., Lepuil, M., Sublette, K.L., Moss, O.R., and Bermudez, E. (2005) Biomarkers to define interactions in the environment and health. Lenary lecture at International Conference on Environment, Industrial, and Applied Microbiology, BioMicro World 2005, Badajoz, Spain, March 15-18  
**LRI Project ID:** RES0201  
**CIIT Project ID:** IMFCB0043
562. Wilson, C.J., Chung, T.R., Pak, M.E., Handa, A., and Handa, R.J. (2005) The distribution of the splice variant estrogen receptor beta 2 in the adult female rat brain. Presented at the Society for Neuroscience Annual Meeting, Washington D.C., November 12  
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