

# Daniele Staskal Wikoff, Ph.D.

TOXICOLOGY PRACTICE LEADER

## CONTACT INFORMATION

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## PROFESSIONAL PROFILE

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Dr. Daniele Staskal Wikoff is the Toxicology Practice Leader for ToxStrategies based in Austin, Texas. With seven years of experience in the fields of toxicology and risk assessment, she specializes in evaluating potential human health risks associated with exposure to contaminants in environmental media (air, water, and soil), the food chain, consumer products and pharmaceuticals. Dr. Staskal Wikoff has evaluated the health effects and conducted risk assessments for a wide variety of compounds including polychlorinated dibenzodioxins and dibenzofurans, PCBs, PAHs, VOCs, and metals. She also has extensive experience assessing the toxicology, pharmacokinetics, mechanism of action, human exposure, and risks of brominated flame retardants. Dr. Staskal Wikoff has conducted quantitative microbial risk assessments based on human exposure to a variety of pathogenic organisms and also has significant experience with study design, implementation and analysis of biomonitoring investigations. When evaluating the human health risk associated with exposure to these compounds, her roles typically involve assessment and incorporation of toxicokinetic data, hazard identification, biologically-based mechanisms of action, and evaluation of dose/response relationships. She has assisted in the preparation of reports for submission to public entities as well as state, regional and federal regulatory agencies. Additionally, Dr. Staskal Wikoff has experience with Registration, Evaluation & Authorisation of Chemicals (REACH) and has managed the data evaluation process for the registration of multiple compounds. .

Dr. Staskal Wikoff is active in the scientific community; she regularly participates in the peer review process for a number of scientific journals and has participated on an EPA expert review panel. Also, Dr. Staskal Wikoff served as a Co-Chair for the 30th International Symposium on Halogenated Persistent Organic Pollutants held in San Antonio in 2010.

## EDUCATION AND DEGREES EARNED

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Ph.D., Toxicology, University of North Carolina at Chapel Hill, 2005  
B.S., Chemistry and Biology, Buena Vista University, 2000

## **PROFESSIONAL ASSOCIATIONS**

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Society of Toxicology (SOT)

Gulf Coast Chapter of the Society of Toxicology

Society for Risk Analysis (SRA)

## **PROFESSIONAL ACTIVITIES AND AWARDS**

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Co-Chair, *International Symposium on Halogenated Persistent Organic Pollutants*, DIOXIN 2010

Chair, Neurotoxicity, Reproduction and Immunotoxicity of POPs Session, *International Symposium on Halogenated Persistent Organic Pollutants* (2009)

Chair, Persistent Organic Compounds Poster Session, *Society for Toxicology* (2009)

Attendee, EPA Dioxin Workshop: Scientific Workshop to Inform EPA's Response to National Academy of Science Comments on the Health Effects of Dioxin in EPA's 2003 Dioxin Reassessment

Co-Chair, BFRs – Exposure and Risk Assessment Session, *International Symposium on Halogenated Persistent Organic Pollutants* (2008)

Chair, Cost-Benefit of DecaBDE Roundtable, *Society of Toxicology* (2008)

Level I Scientific and Technological Achievement Award (STAA), U.S. Environmental Protection Agency (2007)

Risk Assessment Session Chair, *International Symposium on Halogenated Persistent Organic Pollutants* (2007)

Co-Chair, *Toxicology of Brominated Flame Retardants Session*, *International Symposium on Halogenated Persistent Organic Pollutants* (2006)

Chair, Brominated Flame Retardants Poster Session, *Society for Toxicology* (2006)

Physiologically Based Pharmacokinetic Modeling in Risk Assessment, CIIT intensive course (2005)

Ake Bergman & Bo Jansson Student Presentation Award, BFR (2004)

Student Travel Award, *Society of Toxicology* (2003, 3004)

Brominated Flame Retardant Roundtable, San Francisco, CA (2002 and 2003)

## **PEER REVIEW**

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Health Canada Expert Reviewer - Review of Biomonitoring Equivalents: Derivation of Biomonitoring Equivalents for Pentabromodiphenylether (PBDE-99)

EPA External Review Panel - An Exposure Assessment of Polybrominated Diphenyl Ethers (External Review Draft)

Environmental Science and Technology

Critical Reviews in Toxicology

Journal of Developmental Neurotoxicology

International Journal of Neurotoxicity

Toxicology Letters

Toxicological Sciences

Journal of Environmental Protection Science

## **SELECTED PROFESSIONAL EXPERIENCE**

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### **Toxicology and Risk Assessment**

Evaluated and interpreted toxicology data to assess potential human health risks associated with exposure to a wide variety of environmental contaminants including nickel, chromium, PCBs, HCB, PBDEs, dioxins and furans, and VOCs.

Currently managing data evaluation process for the registration of various nickel substances under the Registration, Evaluation & Authorisation of Chemicals (REACH) initiative in Europe. Conducted comprehensive literature reviews on the human health and environmental effects of multiple nickel compounds and population of an International Uniform Chemical Information Database (IUCLID) entry for each substance. Evaluated key studies for reliability and relevance, synthesized large volumes of data, and generated integrative reports.

Currently reevaluating techniques to derive estimates of relative potency for dioxin like compounds using consistent dose response techniques such as benchmark dose modeling.

Conducted toxicological evaluations of chemical substances present or potentially present in vaccines. Assessments involved critical review of toxicological data and derivation of safe levels in vaccines for a variety of excipients (e.g., formaldehyde), detergents, surfactants, and other chemicals utilized in the production or inactivation of vaccine products.

Researched and conducted probabilistic and deterministic assessments to evaluate theoretical excess cancer risk and noncancer hazard associated with exposure to PBDEs in automobiles.

Prepared a scientific manuscript evaluating single nucleotide polymorphisms (SNPs) from sequencing data obtained from human immortalized lymphocytes in an effort to characterize polymorphisms in the human AHR, and to determine if polymorphic forms of the AHR give rise to human populations with differing sensitivities to TCDD and related compounds.

Reviewed the scientific literature to address National Academy of Science (NAS) comments on USEPA Dioxin reassessment associated with mode of Action, dose response, toxicity, and toxicokinetics of TCDD in preparation for a peer review meeting with USEPA. Attended and presented at EPA dose response public workshop.

Conducted a critical review of the potential association between soluble nickel compounds and respiratory sensitization. Objectives were to establish the nature of the evidence available for the classification of soluble nickel as a respiratory sensitizer, review the relationship between dermal and respiratory sensitization, and discuss potential mechanisms of toxicity.

Participated in an assessment of potential human health risks associated with consumption of fish from an urban river. The evaluation incorporated site-specific fish consumption information and representative fish tissue concentrations for 156 chemicals of potential concern (COPCs). The objectives were to identify COPCs that contributed to the majority of overall excess cancer risk and hazard estimates using deterministic and probabilistic methods, and to conduct a probabilistic characterization of risk using distributions of COPC concentrations.

Evaluated human health risk associated with a consumer food product contaminated with a non-food grade lubricant. Conducted assessments specific to children's exposure in multiple countries around the globe in which the food product was sold in order to aid the client with their implementation of a health-protective strategy to eliminate exposure to the contaminated product.

Reviewed draft USEPA IRIS Toxicological Assessment for decaBDE and prepared written comments on the evaluation of cancer risk and effects on the thyroid. Also presented key findings to the decaBDE Expert Panel during the public comment session of the external review process.

Played a key role in the development of a relative potency weighting framework for dioxin-like compounds. Working with a panel of world-renowned experts, a framework was designed to weight individual relative potency values of highest quality and relevance, and, in doing so, enabled the use of relative potency distributions when evaluating exposure and risk to these compounds.

Designed a research protocol for evaluating pathogen contamination of sediments from a large river in the Northeastern U.S. Was the lead staff member involved in sample collection and laboratory analyses. Participated in the subsequent quantitative microbial risk assessment to evaluate disease risk associated with exposure to the pathogen-contaminated sediments using multiple scenarios.

Contributed to a collaboration project with the U.S. Air Force to analyze data collected as part of the Air Force Health Study to assess the potential association between Type 2 diabetes and TCDD serum concentrations after adjusting for known risk factors such as age, race, BMI, and family history of disease.

Reviewed a proposed listing for an industrial facility on the National Priorities List (NPL) and assessed site-specific and default variables as applied in the USEPA Hazard Ranking System (HRS). Generated and submitted a report as part of the public comment period evaluating toxicity parameters for Aroclor compounds and specific PCB congeners.

Assisted in the interpretation of air monitoring data as part of a comprehensive assessment of extensive air monitoring data collected in an urban community, a critical review of the USA Today study ("The Smokestack Effect") concerning air quality around schools across the nation, and biomonitoring data collected from citizens in the community. Objective was to determine validity and source of measured benzene concentrations. Primary responsibilities involved preparation of documents and presentations for communication of findings to the general public.

Designed protocols and carried out experiments to evaluate the chemical disposition and toxicity of polybrominated diphenyl ethers (PBDEs). Studies primarily assessed tissue distribution as a function of time, dose, age, route of exposure, and chemical structure. Alterations in enzymatic activity, thyroid hormones and chemical transport pathways were also evaluated in an effort to determine potential mechanisms of toxicity for this group of compounds.

## **Biomonitoring**

Developed and implemented a plan for sample collection for a large biomonitoring study which measured dioxins and metals in the blood serum and urine of workers at a former secondary copper smelting facility. Was intimately involved in development of the study protocol and study implementation, as well as the analyses and interpretation of study findings. Also was the lead contributor to the final report. This project involved coordinating with an external science advisory board and an institutional review board.

Evaluated and interpreted PBDE data collected as part of a comprehensive biomonitoring study designed to measure a number of persistent halogenated aromatics in wild-caught and farm-raised catfish from southern Mississippi. Data were applied in an assessment evaluating both dose and risk estimates associated with the consumption of catfish from this region of the country.

Evaluated biomonitoring data from a magnesium facility in order to characterize exposure to dioxin-like compounds and PAHs facility workers. Project involved age- and gender- specific evaluations of NHANES populations.

## Litigation Support

Provided support and prepared various documents for cases related to dioxin, PAHs and asbestos. Reviewed literature and case materials for use in the preparation of expert reports.

## MANUSCRIPTS

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Birnbaum, L.S. and **D. Staskal-Wikoff**. 2010. 5th International PCB Workshop--summary and implications. *Environ Int.* 36(8): 814-8.

Rowlands, C.J., **D.F. Staskal**, 2010. B. Gollapudi and R. Budinsky. The Human AHR: identification of single nucleotide polymorphisms from six ethnic populations. *Pharmacogenet Genomics.* 20(5): 283-90.

Tachovsky, J.A., J.D. Urban, **D.S. Wikoff**, L.C. Haws and M.A. Harris. 2010. Reduction of a large fish tissue analyte database: identifying and assessing data specific to a remediation site for risk assessment application. *Chemosphere.* 80(5): 481-8.

Urban, J., J.A. Tachovsky, L. Haws, **D. Wikoff Staskal**, and M. Harris. 2010. Response to Mugdan et al.'s comment on Urban et al. "Assessment of Human Health Risks Posed by Consumption of Fish from the Lower Passaic River, New Jersey." *Science of the Total Environment.* 408(6): 1468-1470.

Urban, J.D., J.A. Tachovsky, L.C. Haws, **D.F. Staskal**, and M.A. Harris. 2010. Response to Buchanan et al.'s comment on Urban et al. "Assessment of Human Health Risks Posed by Consumption of Fish from the Lower Passaic River, New Jersey." *Science of the Total Environment.* 408(8): 2004-2007.

C. Emond, **Staskal, D.F.**, Birnbaum, L.S. Mechanistic Description of Dose-Dependent Urinary Elimination Proposed for PBDE 27 in Adult Mice Using A Physiologically Based Pharmacokinetic Model. *in preparation*

Urban, J. D., J. A. Tachovsky, L. C. Haws, **D. Wikoff Staskal** and M. A. Harris. 2009. Assessment of human health risks posed by consumption of fish from the Lower Passaic River, New Jersey. *Sci Total Environ.* 408(2): 209-24.

Haws, L.C., DeVito, M.J., Walker, N.J., Birnbaum, L.S., Farland, W.H., Harris, M.A., Tachovsky, J.A., Unice, K.M., Scott, P.K., **Staskal-Wikoff, D.F.** (2009). Development of Distributions of Relative Potency Estimates to Quantitatively Assess Uncertainty Inherent in the TEFs for Dioxin-Like Compounds: A Proposed Consensus-Based Weighting Framework. *Organohalogen Compounds (accepted for publication).*

**Staskal-Wikoff DF**, Harris MA, Haws LC, Birnbaum LS, Tachovsky JA (2009). Probabilistic evaluation of cancer and non-cancer risk associated with exposure to BDE 209 in Automobiles. *Organohalogen Compounds (accepted for publication).*

L.E. Shields, **Staskal, D.F.**, Ray, R., Birnbaum, L.S., Scheibe R.R. 2009. Evaluation of Risk Trade-offs in Passenger Compartment Fire Retardant Usage - A Case Study. *Mechanistic Description of Dose-Dependent SAE international:* 2009-01-0014.

L.L.F. Scott, **Staskal, D.F.**, L.C. Haws, W.J. Luksemburg, L.S. Birnbaum, E.S. Williams, J.U. Urban, L.M. Nguyen, D.J. Paustenbach, and M.A. Harris. 2009. Levels of Polychlorinated dibenzo-p-dioxins, Dibenzofurans, and Biphenyls in Southern Mississippi Catfish and Estimation of Potential Health Risks. *Chemosphere.* 74(7): 1002-10.

**Staskal, D.F.**, L.L.F. Scott, L.C. Haws, W.J. Luksemburg, L.S. Birnbaum, L.M. Nguyen, J.U. Urban, E.S. Williams, D.J. Paustenbach, and M.A. Harris. 2008. Assessment of Polybrominated diphenyl ether Exposures and Health Risks Associated with Consumption of Southern Mississippi Catfish. *Environ Sci Tech*: 42:6755-61.

Donovan, E.P., **D.F. Staskal**, K.M. Unice, J.D. Roberts, L.C. Haws, B.L. Finley, and M.A. Harris. 2008. Risk of Gastrointestinal Disease Associated with Exposure to Pathogens in the Sediments of the Lower Passaic River. *Appl Environ Microbiol*. 74:1004–1018.

Richardson, V.M., **D.F. Staskal**, D.G. Ross, J.J. Diliberto, M.J. Devito, and L.S. Birnbaum. 2008. Possible mechanisms of thyroid hormone disruption in mice by BDE 47, a major polybrominated diphenyl ether congener. *Toxicol Appl Pharmacol*. 226(3):244–50.

**Staskal, D.F.**, H. Hakk, D. Bauer, J.J. Diliberto, and L.S. Birnbaum (2006). Toxicokinetics of Polybrominated diphenyl ether congeners 47, 99, 100, and 153 in mice. *Toxicological Sciences*. 94:28–37.

**Staskal, D.F.**, J.J. Diliberto, and L.S. Birnbaum. 2005. Disposition of BDE 47 in developing mice. *Toxicological Sciences*. 90:309–16.

**Staskal, D.F.**, J.J. Diliberto and L.S. Birnbaum. 2005. Impact of repeated exposure on the toxicokinetics of BDE 47 in mice. *Toxicological Sciences*. 89:380–5.

**Staskal, D.F.**, J.J. Diliberto, M.J. DeVito, and L.S. Birnbaum. 2005. Toxicokinetics of BDE 47 in Female Mice: Effects of Dose, Route of Exposure, and Time. *Toxicological Sciences*. 83: 215–23.

**Staskal, D.F.**, M.J. DeVito, D.G. Ross, and L.S. Birnbaum. 2005. Inhibition of Human and Rat CYP1A2 by TCDD and Dioxin-like Chemicals. *Toxicological Sciences*. 84: 225–31.

Schechter, A., O. Papke, K.C. Tung, **D. Staskal**, and L. Birnbaum. 2005. Polybrominated diphenyl ether contamination of United States food. *Environmental Science and Technology*. 20: 5306–11.

Birnbaum, L.S., and **D.F. Staskal**. 2004. Brominated Flame Retardants: Cause for Concern? *Environmental Health Perspectives*. 112: 9–17.

Birnbaum, L.S., **D.F. Staskal**, and J.J. Diliberto. 2003. Health effects of polybrominated dibenzo-p-dioxins (PBDDs) and dibenzofurans (PBDFs). *Environment International*. 29: 855–860.

## **BOOK CHAPTERS**

**Staskal, D.F.**, and L.S. Birnbaum. 2010. Health Effects of Brominated Flame Retardants. "The Handbook of Environmental Chemistry - Brominated Flame Retardants.

**Staskal, D.F.**, L.S. Birnbaum, and L.C. Haws. 2009. Application of a Relative Potency Factor Approach in the Assessment of Health Risks Associated with Exposures to Mixtures of Dioxin-Like Compounds. *The Principles and Practice of Mixtures Toxicology*.

**Staskal, D.F.**, and L.S. Birnbaum. 2007. Brominated Flame Retardants, Maxcy-Rosenau Public Health and Preventive Medicine, 15<sup>th</sup> Edition.

## ABSTRACTS AND PRESENTATIONS

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Diliberto, J.J., Sirinek, L., Burkhalter, B., **Wikoff, D.S.**, Hixon, G., Becker, J., Patterson, D.G., Turner, W., Tachovsky, J.A., Birnbaum, L.S., Haws, L.C. Endometriosis in a cohort of women living in the Kanawha River Valley in West Virginia: Blood levels of non-dioxin-like PCBs and relationship with BMI and age. Presented at Dioxin 2011, August 21-25, 2011. Brussels, Belgium.

Haws, L.C., DeVito, M.J., Walker, N.J., Harris, M.A., Tachovsky, J.A., Birnbaum, L.S., Farland, W.H., **Wikoff, D.S.** Development of a consensus-based weighting framework for evaluating estimates of relative potency for dioxin-like compounds that includes consideration of data from human cells. Presented at Dioxin 2011, August 21-25, 2011. Brussels, Belgium.

Haws, L.C., Fitzgerald, L., Burkhalter, B., Harris, M., **Wikoff, D.S.** Assessment of the US EPA's proposed toxicological values for TCDD for regulation of dioxin-like compounds in foods: bridging the science divide in a global market. Presented at Dioxin 2011, August 21-25, 2011. Brussels, Belgium.

Rowlands, J.C., Urban, J., **Wikoff, D.S.**, Budinsky, R. The presence and estimated functional effect of single nucleotide polymorphisms at the AIP, ARNT, HSP90AA1, AND HSP90AB1 loci in the human population. Presented at Dioxin 2011, August 21-25, 2011. Brussels, Belgium.

**Wikoff, D.S.**, Thompson, C., Walker, N., DeVito, M., Harris, M., Birnbaum, L. Haws, L. Derivation of relative potency estimates using benchmark dose modeling: a case study with TCDF. Presented at Dioxin 2011, August 21-25, 2011. Brussels, Belgium.

Fitzgerald, L., B. Burkhalter, J. Urban, **D. Staskal**, M. Harris, and L. Haws. VOC serum levels in the general U.S. population: An analysis of the 2003-2004 NHANES dataset. Presented at the Society of Toxicology's 50th Annual Meeting, March 6-10, 2011. Washington, D.C.

**Staskal-Wikoff, D.**, R. Budinsky, and J.C. Rowlands. Single nucleotide polymorphisms in the human aryl hydrocarbon receptor interacting protein (AIP) gene from six ethnic populations. Presented at the Society of Toxicology's 50th Annual Meeting, March 6-10, 2011. Washington, D.C.

Urban, J., L. Fitzgerald, B. Burkhalter, **D. Staskal**, M. Harris, and L. Haws. BTEX serum levels in the general U.S. population: An analysis of 2003-2004 NHANES dataset. Presented at the Society of Toxicology's 50th Annual Meeting, March 6-10, 2011. Washington, D.C.

Harris, M., J.A. Tachovsky, **D. Staskal-Wikoff**, L. Aylward, B. Burkhalter, T. Simon, L. Haws. Serum concentrations of dioxin-like compounds in a population in midland michigan: an evaluation of the impact of soil exposures. Presented at Dioxin 2010, September 12-17, 2010, San Antonio, TX.

Harris, M., J.A. Tachovsky, **D. Staskal-Wikoff**, T. Simon, B. Burkhalter, J. Urban, and L. Haws. Assessment of the Impact of Various Soil Cleanup Levels on Serum Concentrations of Dioxin-Like Compounds in Humans. Presented at the 49th Annual Meeting of Society of Toxicology. March 7-11, 2010. Salt Lake City, Utah.

Haws, L., J.A. Tachovsky, **D. Staskal-Wikoff**, L. Aylward, B. Burkhalter, J. Urban, T. Simon, M. Harris. An evaluation of the influence of different soil cleanup levels on the concentration of dioxin-like compounds in human serum. Presented at Dioxin 2010, September 12-17, 2010, San Antonio, TX.

**Staskal-Wikoff, D.**, B. Burkhalter, H. Stapleton, M. Harris. PBDEs in Newark Bay sediments. Presented at Dioxin 2010, September 12-17, 2010, San Antonio, TX.

Haws, LC, DeVito, MJ, Walker, NJ, Birnbaum, LS, Farland, WH, Harris, MA, Tachovsky, JA, Unice, KM, Scott, PK, **Staskal-Wikoff, DF.** Development of distributions of relative potency estimates to quantitatively assess uncertainty inherent in the TEFs for dioxin-like compounds: a proposed consensus-based weighting. Presented at Dioxin 2009. Beijing, China.

**Staskal-Wikoff, DF**, Harris, MA, Haws, LC, Birnbaum, LS, Tachovsky, JA. Probabilistic evaluation of cancer and non-cancer risk associated with exposure to BDE 209 in automobiles. Presented at Dioxin 2009. Beijing, China.

**D.F. Staskal** and L.S. Birnbaum. 2009. Screening-Level Assessment of Risk Associated with Exposure to PBDEs in Vehicles. . Society for Toxicology. March 15-19, 2009. Baltimore, MD.

Urban, J.D., J.A. Tachovsky, **D.F. Staskal**, L.C. Haws, and M.A. Harris. 2009. Human Health Risk Assessment of Consumption of Fish from the Lower Passaic River. Society for Toxicology. March 15-19, 2009. Baltimore, MD.

Haws, L.C., K.M. Unice, A.T. Tachovsky, M.A., Harris, M.J. DeVito, N.J. Walker, L.S. Birnbaum, W.H. Farland, L. Nguyen **D.F. Staskal.** Assessment of the Impact of Using Weighted Distributions of REPs to Develop Exposure Estimates for Dioxin-Like Compounds. Presented at Dioxin 2008, August 17-22, 2008. Birmingham, England.

**Staskal D.F.**, J.A. Tachovsky, M.A. Harris, L.C. Haws. Preliminary Evaluation of Human Health Risk Associated with Exposure to PBDEs in the United States. Presented at Dioxin 2008, August 17-22, 2008. Birmingham, England.

Tachovsky, J.A., M.A. Harris, **D.F. Staskal**, L.F. Scott, W.J. Luksemburg, D.P. Paustenbach, L.C. Haws. Analysis of Fish Tissue Concentrations of Dioxins and Furans Using Principal Components Analysis. Presented at Dioxin 2008, August 17-22, 2008. Birmingham, England.

Tachovsky, J.A., **D.F. Staskal**, Harris M.A., L.F. Scott, W.J. Luksemburg, D.P. Paustenbach, L.C. Haws. Principal Components Analysis of PBDE concentrations in Fish Tissue from Southern Mississippi. Presented at Dioxin 2008, August 17-22, 2008. Birmingham, England.

Urban, J.D., L.C. Haws, **D.F. Staskal**, L.F. Scott, P.S. Scott, A.T. Tachovsky, K.M. Unice, M.A. Harris. A Framework for Evaluating Serum Dioxin Data Derived from Biomonitoring Studies. Presented at Dioxin 2008, August 17-22, 2008. Birmingham, England.

Urban, J.D., L.C. Haws, L.F. Scott, P.S. Scott, **D.F. Staskal**, A.T. Tachovsky, K.M. Unice, and M.A. Harris. 2008. A Framework for Evaluating Serum Dioxin Data Derived from Biomonitoring Studies. Society for Toxicology. March 16–20, 2008. Seattle, WA.

Haws, L.C., L.L.F. Scott, **D.F. Staskal**, M.A. Harris, and B.L. Finley. 2007. Evaluation of Biomonitoring Data for Dioxin-Like Compounds in Workers at a Primary Magnesium Production Facility. Society for Risk Analysis. December 9–12, 2007. San Antonio, TX.

**Staskal, D.F.**, E.P. Donovan, L.C. Haws, J.D. Roberts, K.M. Unice, B.L. Finley, and M.A. Harris. 2007. A Quantitative Microbial Risk Assessment for Exposure to Pathogens in Waters and Sediments of the Lower Passaic River. Society for Risk Analysis. December 9–12, 2007. San Antonio, TX.

**Staskal, D.F.**, E. Donovan, J. Roberts, K. Unice, B. Finley, and M. Harris. 2007. Human Health Risk Associated with Exposure to Pathogen-Contaminated Sediments. Society of Toxicology. March 25–27, 2007. Charlotte, NC.

Diliberto, J.J., **D.F. Staskal**, H. Hakk, and L.S. Birnbaum. 2007. Differential Urinary Protein binding of PBDEs in Mice. Society of Toxicology. March 25–27, 2007. Charlotte, NC.

Emond, C., J. Raymer, E. Garner, J. Diliberto, D. Staskal, and L.S. Birnbaum. 2007. A physiologically-based pharmacokinetic model for developmental exposure to PBDE-47 in rodents. Society of Toxicology. March 25–27, 2007. Charlotte, NC.

**Staskal, D.F.**, L.L.F. Scott, E.S. Williams, W.J. Luksemburg, L.C. Haws, L.S. Birnbaum, L.M. Nguyen, D.J. Paustenbach, and M.A. Harris. 2007. Daily intake estimates of PBDEs associated with consumption of catfish in the U.S. Presented at the Fourth International Workshop on Brominated Flame Retardants. April 24–27, 2007. Amsterdam, the Netherlands.

Nguyen, L.M., **D.F. Staskal**, L.L. Ferriby, E.S. Williams, W.J. Luksemburg, L.C. Haws, L.S. Birnbaum, D.J. Paustenbach, and M.A. Harris. 2007. Dietary intake of PBDEs based on consumption of catfish in southern Mississippi. Presented at the Society of Toxicology's 46<sup>th</sup> Annual Meeting. March 25–29, 2007. Charlotte, NC.

Haws, L.C., L.L.F. Scott, **D.F. Staskal**, M.A. Harris, and B.L. Finley. 2007. Dioxin-like Compounds in Workers at a Primary Magnesium Production Facility. Dioxin 2007, September 2-7, 2007. Tokyo, Japan.

Haws, L.C., P.K. Scott, K.M. Unice, M. Gough, M.A. Harris, **D.F. Staskal**, D.J. Paustenbach, and M. Pavuk. Are Dioxin Body Burdens Surrogates for Other Risk Factors in Associations Between Dioxin and Diabetes? Dioxin 2006. August 21-25, 2006. Oslo, Norway.

Haws, L.C., M.J. DeVito, L.S. Birnbaum, N.J. Walker, P.K. Scott, K.M. Unice, M.A. Harris, W.H. Farland, B.L. Finley, and **D.F. Staskal**. An Alternative Method for Establishing TEFs for Dioxin-like Compounds. Part 2. Development of An Approach To Quantitatively Weight the Underlying Potency Data. Dioxin 2006. August 21-25, 2006. Oslo, Norway.

**Staskal, D.F.**, J.J. Diliberto, and L.S. Birnbaum. 2006. Effect of age on the tissue distribution of BDE 47 in mice. The Toxicologist.

Richardson, V.M., **D.F. Staskal**, J.J. Diliberto, and L.S. Birnbaum. 2006. Effects of BDE 47 on nuclear receptor regulated genes and implications for thyroid hormone disruption. The Toxicologist.

Bauer, D., **D.F. Staskal**, J.J. Diliberto, and L.S. Birnbaum. 2005. Disposition of BDE 99 and BDE 153 in female mice. The Toxicologist.

**Staskal, D.F.**, J.J. Diliberto, M.J. DeVito, and L.S. Birnbaum. 2004. Tissue distribution and elimination of BDE 47 in mice following a single oral dose. Organohalogen Compounds.

**Staskal, D.F.**, J.J. Diliberto, M.J. DeVito, and L.S. Birnbaum. 2004. Disposition of 2,2',4,4'-Tetrabromodiphenylether (BDE 47) in Female Mice. The Toxicologist.

**Staskal, D.F.**, M.J. DeVito, D.G. Ross, and L.S. Birnbaum. 2003. A Comparison of the metabolism of methoxyresorufin, acetanilide, and caffeine in rat and human CYP1A2 SUPERSOMES. *The Toxicologist*.

**Staskal, D.F.**, M.J. DeVito, D.G. Ross, and L.S. Birnbaum. 2003. Caffeine, Acetanilide, and Methoxyresorufin Metabolism by Rat and Human CYP1A2 SUPERSOMES and their Inhibition by 2,3,7,8,-Tetrachlorodibenzo-p-dioxin (TCDD). *Organohalogen Compounds*.

**Staskal, D.F.**, M.J. DeVito, D.G. Ross, and L.S. Birnbaum. 2002. Inhibition of human and rat CYP1A2 by TCDD and dioxin-like chemicals. *The Toxicologist*

## **CONTINUING EDUCATION**

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Current Approaches in Mixture Risk Assessment. Society for Toxicology: March 15, 2009.

Characterizing Modes. Society for Toxicology: March 15, 2009.

Topics in Ethics: Conflict of Interest - Real or Imagined? - PBDEs As a Case Study. Society for Toxicology: March 15, 2009.

Stem Cells and their Multi-Potential Uses and Potential Dangers. Society for Toxicology: March 16, 2008.

Epidemiology for Toxicologists: Introduction, Society for Toxicology: March 16, 2008.

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