



# Daniel G. Kougias, PhD

**Current Position**  
Supervising Health  
Scientist

**Discipline Areas**  
Toxicology

- Neurotoxicology
- Endocrine, Developmental & Reproductive Toxicology

**Risk Assessment**  
• Dermal Exposure  
Assessment

**Years' Experience**  
10 Years

**Joined Cardno**  
June 2018

**Education**

**PhD, Neuroscience**

University of Illinois at  
Urbana-Champaign, 2018

**BS, Molecular & Cellular  
Biology**

University of Illinois at  
Urbana-Champaign, 2011

**BS, Food Science &  
Human Nutrition**

University of Illinois at  
Urbana-Champaign, 2011

**Certificate in Business  
Administration**

College of Business,  
University of Illinois at  
Urbana-Champaign, 2013

**Contact Information**

Daniel.Kougias@cardno.com  
Phone: 312-229-5520

**Social Links**

[LinkedIn](#)  
[ResearchGate](#)  
[Google Scholar](#)  
[ORCID](#)

## Summary of Experience

### Overview

Dr. Daniel G. Kougias is a Supervising Health Scientist with a breadth of training and expertise that spans from basic toxicology and risk assessment to toxicology-focused disciplines in endocrinology, developmental and reproductive biology, neuroscience, nutritional science, and exposure science. Accordingly, he has considerable experience with the design, management, and evaluation of *in vitro* and *in vivo* mammalian toxicity studies as well as the application of *in silico* approaches. Dr. Kougias also has experience leading efforts in researching, measuring, and reconstructing exposure with the aim of assessing risk to exposed consumers and workers.

Over the past 10 years, Dr. Kougias has led, managed, and/or made significant contributions to technically diverse projects where he has investigated a variety of chemicals, including agrochemicals (e.g., glyphosate or paraquat), per- and polyfluoroalkyl substances (PFAS), endocrine-disrupting chemicals (EDCs), and chemical substances found in dietary supplements, personal care products (e.g., sunscreens/UV filters or other ingredients in skincare products), pharmaceuticals [e.g., acetaminophen or *N*-nitrosodimethylamine (NDMA) in ranitidine products], e-cigarettes, and medical devices (e.g., cobalt-containing alloys). Consequently, Dr. Kougias has published over 35 peer-reviewed publications and conference abstracts in the fields of toxicology, exposure assessment, risk assessment, environmental science, nutritional science, and neuroscience.

### Educational Training

Dr. Kougias completed his PhD in Neuroscience at the University of Illinois at Urbana-Champaign under the mentorship and in the laboratory of Dr. Janice Juraska. This laboratory broadly examined dietary and hormonal influences across the lifespan on the neuroanatomy of cognitive-related brain regions and their associated impacts on cognitive behavior. Since this laboratory's work investigated hormonal influences, Dr. Kougias inevitably studied the hormone-sensitive periods of life (i.e., development, puberty, and aging) as well as sex differences. Thus, his first project explored the effects of short- and long-term oral dosing of a dietary supplement on the neuroanatomy and cognitive function in aging male and female rats.

After successfully completing this project, Dr. Kougias started his dissertation work, which primarily investigated the neurotoxicity of perinatal exposure to phthalates in combination with a maternal high-fat diet in both male and female rats. Because of this work, Dr. Kougias also became affiliated with the Interdisciplinary Environmental Toxicology Program and completed additional coursework in toxicology. His toxicological training was further advanced and formalized as he was awarded an NIH Traineeship in Endocrine, Developmental, & Reproductive Toxicology. Overall, Dr. Kougias's success, as reflected by a strong publication record as well as many professional honors and awards, is, in part, ascribed to acquiring a broad skillset during his undergraduate career, where he has held several interdisciplinary research positions and completed coursework for his dual degree in Molecular & Cellular Biology and Food Science & Human Nutrition.

### Research Internship at Abbott Laboratories

Dr. Kougias also has regulatory writing experience from working as a research intern at Abbott Laboratories during the latter portion of his graduate career. In particular, he has

prepared an FDA *Generally Recognized as Safe* (GRAS) self-affirmed dossier on a proprietary bioactive nutrient by synthesizing scientific literature about its safety, formulating a safety assessment with tabulated studies, and compiling information regarding its properties, production, and food-use specifications. Dr. Kougias accomplished other scientific writing while at Abbott Laboratories, as he successfully published his first scientific review article as a first author on the topic of nutritional interventions that address the age-related changes in the neuromuscular system.

*Consulting Health Scientist/Toxicologist at Cardno ChemRisk now Stantec*

As a consultant, Dr. Kougias has led, managed, and/or made significant contributions to technically diverse projects where he has investigated the toxicology, exposure, risk, and regulatory demands for a variety of chemicals. Apart from occasionally leading or helping to direct primary research efforts, Dr. Kougias's work predominantly involves comprehensively reviewing literature and thoroughly evaluating all data using a weight-of-evidence framework to ultimately provide guidance to clients and assist with product sustainability, product stewardship, and regulatory submissions and compliance. Accordingly, Dr. Kougias is proficient with the design, management, and evaluation of *in vitro* and *in vivo* mammalian toxicity studies as well as the application of *in silico* approaches. He also has considerable experience in researching, measuring, and reconstructing exposure with the aim of assessing risk to exposed consumers and workers.

## Areas of Expertise

Non-Clinical Toxicology, Neurotoxicology, Developmental & Reproductive Toxicology (DART), and Food & Nutritional Toxicology

*Graduate Research Assistant – University of Illinois at Urbana-Champaign*

Designed, managed, and analyzed as well as assisted in the design, management, and evaluation of *in vivo* mammalian studies.

*Project Lead & Manager – Endocrine Disruptors and Diet: Effects on the Developing Cortex – University of Illinois at Urbana-Champaign*

Exploited a rat model to investigate the effects of prenatal exposure to phthalates in combination with a maternal high-fat diet on indices of sexual development, behavior, cognition, genetic expression, and neurotoxicity. Determined developmental indices, sex, pubertal onset, and stage of estrous cycle. Examined both short- and long-term cognitive and behavioral effects. Extracted tissues and performed histological techniques and immunohistochemistry. Investigated the neural effects with stereological microscopy and inflammatory/oxidative stress effects via ELISA.

*Trainee – NIH Traineeship in Endocrine, Developmental, & Reproductive Toxicology*

Extensively trained as a toxicologist across disciplines through coursework, seminars, presentations, and conferences, as well as focused training in Endocrine, Developmental, & Reproductive Toxicology. Affiliated with the Interdisciplinary Environmental Toxicology Program. Broadly exposed through program functions and collaborations to different subfields of toxicology.

*Research Intern – FDA GRAS Self-Affirmed Dossier at Abbott Laboratories*

Generated an FDA GRAS self-affirmed dossier on a proprietary bioactive nutrient by synthesizing scientific literature about its safety, formulating a safety assessment with tabulated studies, and compiling information regarding its properties, production, and food-use specifications.

*Consulting Health Scientist/Toxicologist at Cardno ChemRisk now Stantec*

Designed, managed, and/or evaluated *in vitro* and *in vivo* mammalian toxicity studies as well as the application of *in silico* approaches. Investigated the toxicology, exposure, risk, and regulatory demands for a variety of chemicals. Reviewed literature and evaluated all data using a weight-of-evidence framework. Guided clients and assisted with product sustainability, product stewardship, and regulatory submissions and compliance.

**QSAR Application (*In Silico* Approach)**

*Consulting Health Scientist/Toxicologist at Cardno ChemRisk now Stantec*

Has considerable experience with the application of quantitative structure-activity relationship (QSAR) tools like the OECD Toolbox, US EPA TEST, Lazar, and ToxTree.

**Exposure Science & Risk Assessment**

*Research Intern – FDA GRAS Self-Affirmed Dossier – Abbott Laboratories*

Synthesized scientific literature on a proprietary bioactive nutrient and compiled information and data from other sources regarding its safety, properties, production, and food-use specifications. Tabulated all studies, formulated a preliminary safety assessment, and generated an FDA GRAS self-affirmed dossier.

*Consulting Health Scientist/Toxicologist at Cardno ChemRisk now Stantec*

Researched, measured, and reconstructed exposure for the purpose of assessing risk to exposed consumers and workers. Investigated the toxicology, exposure, risk, and regulatory demands for a variety of chemicals. Reviewed literature and evaluated all data using a weight-of-evidence framework. Guided clients and assisted with product sustainability, product stewardship, and regulatory submissions and compliance.

- *Glyphosate / Roundup®*

Designed and managed the biological monitoring (biomonitoring) arm of the glyphosate simulation study (see [Pierce et al., 2020](#)). This included but was not limited to determining the optimal biological media to assess glyphosate exposure, the timing of biological sampling relative to simulated heavy residential consumer application of Roundup®, and the accredited laboratory to use for chemical analysis.

Assisted in the design, management, and execution of the passive dosimetry arm of the glyphosate simulation study. This included but was not limited to helping determine the number and location of dermal patches used as well as helping research the optimal air sampling methods to use for glyphosate.

Led, designed, managed, and executed the risk assessment of glyphosate exposures from our pilot study, which simulated heavy residential consumer application of Roundup®, using a margin of safety (MoS) approach (see [Kougias et al., 2020](#)).

Comprehensively reviewed all published literature for passive dosimetry and biomonitoring data with respect to those with the highest exposures to glyphosate (i.e., those handling, mixing, loading, and applying glyphosate-containing solutions). Estimated systemic doses and assessed risk from these passive dosimetry and biomonitoring data.

Directed efforts to evaluate the various exposure models specific to pesticide application that are available to estimate worker exposure across different use scenarios (e.g., the U.S. EPA's Pesticide Handler Exposure Database (PHED), Occupational Pesticide Handler Unit Exposure Surrogate Reference Table, Occupational Pesticide Handler Exposure Calculator, Standard Operating Procedures for Residential Pesticide Exposure Assessment etc.; the German/BBA Model; the U.K. Predictive Operator Exposure Model; the European Predictive Operator Exposure Model; the Dutch Model; the EFSA Model; WHO, 2014; Groskopf et al., 2013; EFSA, 2014 & 2015). Selected the US EPA Occupational Pesticide Handler Unit Exposure Surrogate Reference Table as it allows

tailored exposure assessments of specific product use scenarios by providing the greatest flexibility to evaluate a variety of worker exposure scenarios and PPE combinations. Used existing glyphosate literature to validate the modeled unit exposures as inherently precautionous.

- *UV/Sunscreens*

Headed efforts to characterize the risk associated with the use of a variety of UV filters in sunscreen products used in the US and EU using a margin of safety (MoS) approach.

- *Per- and Polyfluoroalkyl Substances (PFAS)*

Led a book chapter for the forthcoming second edition of Human and Ecological Risk Assessment: Theory and Practice entitled *Per- and Polyfluoroalkyl Substances (PFAS) in Drinking Water: A Retrospective Case Series with Risk Assessments* (see reference below).

Kougias, D. G., Killius, A., Collins, J., Russman, E., Maddaloni, M. (expected late 2022). Chapter 6: Per- and Polyfluoroalkyl Substances (PFAS) in Drinking Water: A Retrospective Case Series with Risk Assessments in Human and Ecological Risk Assessment: Theory and Practice, Second Edition. Submitted & reviewed, awaiting publication.

As inferred by the title, risk assessments were performed using notorious case studies where public water systems were contaminated with PFAS.

## Significant Projects

### UV/Sunscreens

*Consulting Health Scientist/Toxicologist at Cardno ChemRisk now Stantec*

Provided broad consulting support for the toxicology, epidemiology, exposure assessment, and risk assessment of various UV filters used in sunscreen products within the US and EU. Managed efforts to comprehensively assess the following UV filters:

- Octocrylene, 2-ethylhexyl 2-cyano-3,3-diphenylprop-2-enoate, or Uvinul<sup>®</sup> N 539 T
- Diethylamino hydroxybenzoyl hexyl benzoate (DHHB) or Uvinul<sup>®</sup> A Plus
- Disodium phenyl dibenzimidazole tetrasulfonate (DPDT), bisdisulizole disodium, or Neo Heliopan<sup>®</sup> AP
- Non-micronized and micronized (nano-) forms of bisoctrizole or methylene bis-benzotriazolyl tetramethylbutylphenol (MBBT), Tinosorb<sup>®</sup> MBBT (non-micronized MBBT), Tinosorb<sup>®</sup> M (nano-MBBT), or Parsol<sup>®</sup> Max (nano-MBBT)
- Homosalate or 3,3,5-trimethylcyclohexyl 2-hydroxybenzoate
- Oxybenzone, benzophenone-3 (BP-3), or 2-hydroxy-4-methoxybenzophenone
- Ensulizole or phenylbenzimidazole sulfonic acid
- Tris-biphenyl triazine or Tinosorb<sup>®</sup> A2B
- Octisalate, octyl salicylate, or 2-ethylhexyl salicylate
- Bemotrizinol, bis-ethylhexyloxyphenol methoxyphenyl triazine (BEMT), or Tinosorb<sup>®</sup> S
- Avobenzene, butyl methoxydibenzoylmethane, Parsol<sup>®</sup> 1789, or Neo Heliopan<sup>®</sup> 357
- Ethylhexyl triazone (EHT) or Uvinul<sup>®</sup> T 150
- Octinoxate, octyl methoxycinnamate, or Tinosorb<sup>®</sup> OMC

### Per- and Polyfluoroalkyl Substances (PFAS)

*Consulting Health Scientist/Toxicologist at Cardno ChemRisk now Stantec*

Reviewed historic epidemiological and toxicological studies on perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS). Performed a state-of-the-art analysis on

the toxicology and epidemiology for PFOA and PFOS. Evaluated international screening values for both PFOA and PFOS.

Provided consulting support by cataloging and evaluating product-specific safety data sheet (SDS) documents, toxicity testing reports, and report summaries. Assisted in the management of over 9,000 documents that our team reviewed.

## Pharmaceuticals

*Consulting Health Scientist/Toxicologist at Cardno ChemRisk now Stantec*

- *Acetaminophen, n-Acetyl-Para-Aminophenol (APAP), or Paracetamol*

Comprehensively reviewed, summarized, and evaluated the preclinical/nonclinical data (i.e., *in vitro*, *ex vivo*, and *in vivo* data) with respect to the potential neurotoxicity and endocrine, reproductive, and developmental toxicity of acetaminophen exposure.

Led a critical weight-of-evidence analysis of potential neurobehavioral and endocrine, developmental, and reproductive effects in the context of therapeutic APAP use.

- *Ranitidine Products (e.g., Zantac)*

Led a characterization and risk assessment of *N*-nitrosodimethylamine (NDMA) in ranitidine products. Provided a brief history of ranitidine products, including their introduction to the market and the reasoning for their recall. Characterized the levels of NDMA found in ranitidine products, including those found by regulators such as the US FDA, the Saudi FDA, and Health Canada. Described how the impurity is presumably introduced, based on current scientific evidence.

## Medical Device

*Consulting Health Scientist/Toxicologist at Cardno ChemRisk now Stantec*

Assisted in providing consulting expertise, including EU CLP and MDR regulatory support and review of potential carcinogenic effects associated with alloy materials in medical devices, to a large consortium of medical device companies.

Provided and published a comprehensive review of the scientific evidence and data and their implications for the carcinogenic hazard potential of cobalt-containing alloys used in medical devices (see [Kovochich et al., 2021](#)).

## Regulatory Support

*Research Intern – FDA GRAS Self-Affirmed Dossier – Abbott Laboratories*

Generated an FDA GRAS self-affirmed dossier.

*Consulting Health Scientist/Toxicologist at Cardno ChemRisk now Stantec*

Provided broad regulatory support to clients on a wide range of projects where the toxicology, exposure, risk, and regulatory demands for a variety of chemicals are examined.

- *Premarket Tobacco Applications (PMTAs)*

Led toxicology-related research efforts for clients in preparation of PMTA submissions to the US Food and Drug Administration (FDA). Specifically, prepared sections within PMTA submission package, including the toxicological profiles for various chemical constituents associated with electronic nicotine delivery systems (ENDS) or electronic cigarettes (e-cigarettes). Performed systematic reviews, and reviewed, evaluated, and interpreted the toxicological literature.

## Litigation Support

Managed and contributed to case work on asbestos exposure, including from asbestos-containing friction products, in various occupational and residential settings.

## Professional Honors/Awards

### Honors & Awards

- > NIEHS Extramural Paper of the Month, *September 2018*
- > NIH Predoctoral Traineeship in Endocrine, Developmental, & Reproductive Toxicology, *2017-2018*
- > International Society for Developmental Psychobiology Travel Award, *2017*
- > Environmental Toxicology Scholar, *2016-2017*
- > Great Lakes National Scholarship Award, *2016-2017*
- > Rated Top 10% for Instructor's Overall Teaching Effectiveness, *Spring 2015*
- > List of Teachers Ranked As Excellent By Their Students, *Spring 2014*
- > Abbott Laboratories Scholarship, *Spring 2013*
- > Neuroscience Program Fellowship, *2012-2013*
- > Robert & Dorothy Spillman Scholarship, *2011*
- > Furnall Scholarship, *Spring 2011*
- > LAS Assistance Award, *Fall 2011*
- > University of Illinois Foundation Scholarship, *Fall 2011*

## Professional Societies

### Memberships

- > Society for Neuroscience (SfN) *since 2013*
- > Society of Toxicology (SOT) *since 2018*
  - > Midwest Regional Chapter (MRC) *since 2019*
  - > Biological Modeling Specialty Section *since 2019*
  - > Neurotoxicology Specialty Section *since 2019*
  - > Regulatory & Safety Evaluation Specialty Section *since 2019*
  - > Risk Assessment Specialty Section *since 2019*
  - > Exposure Specialty Section *since 2019*

### Services

- > Executive Committee member (Councilor) for the SOT Midwest Regional Chapter (MRC) *since 2020-2022*

## Publications

### Peer-Reviewed Publications

- > Kovochich, M., Monnot, A., **Kougias, D. G.**, More, S. L., Wilsey, J. T., Qiu, Q-Q., Perkins, L. E. L., Hasgall, P., Taneja, M., Reverdy, E. E., Sague, J., Marcello, S., Connor, K., Scutti, J., Christian, W. V., Coplan, P., Katz, L. B., Vreeke, M., Calistri-Yeh, M., Faiola, B., Unice, K., Eichenbaum, G. (2021). Carcinogenic hazard assessment of cobalt-containing alloys in medical devices: Review of in vivo studies. *Reg Tox Pharm.* Advance online publication, March 1, 2021. doi: [10.1016/j.yrtph.2021.104910](https://doi.org/10.1016/j.yrtph.2021.104910).
- > **Kougias, D.G.**, Miller, E., McEwen, A., Reamer, H., Kovochich, M., Pierce, J. (2020). Risk assessment of glyphosate exposures from pilot study with simulated heavy residential consumer application of Roundup® using a Margin of Safety (MOS) approach. *Risk Anal.* Advance online publication, Nov. 27, 2020. doi: [10.1111/risa.13646](https://doi.org/10.1111/risa.13646).

- > Pierce, J.S., Roberts, B., **Kougias, D.G.**, Comerford, C.E., Riordan, A.S., Keeton, K.A., Reamer, H.A., Jacobs, N.F.B., Lotter, J.T. (2020). Pilot study evaluating inhalation and dermal glyphosate exposure resulting from simulated heavy residential consumer application of Roundup®. *Inhal Toxicol*, 32(8): 354-367. doi: [10.1080/08958378.2020.1814457](https://doi.org/10.1080/08958378.2020.1814457).
- > Lewis Jr., N. A., **Kougias, D. G.**, & Takahashi, K. J., Earl, A. (2020). The Behavior of Same-Race Others and its Effects on Black Patients' Attention to Publicly Presented HIV-Prevention Information. *Health Commun.* Advance online publication, April 23, 2020. doi: [10.1080/10410236.2020.1749369](https://doi.org/10.1080/10410236.2020.1749369).
- > Sellinger, E. P., **Kougias, D. G.**, Drzewiecki, C. M., Juraska, J. M. (2020). Behavioral effects in adult rats exposed to low doses of a phthalate mixture during the perinatal or adolescent period. *Neurotoxicol Teratol.* Advance online publication, April 18, 2020. doi: [10.1016/j.ntt.2020.106886](https://doi.org/10.1016/j.ntt.2020.106886).
- > **Kougias, D. G.** (2020). Letter to the editor re: "Herbicide biomonitoring in agricultural workers in Valle del Mayo, Sonora Mexico" by Balderrama-Carmona et al. (2019) in *Environ Sci Pollut Res Int* (<https://doi.org/10.1007/s11356-019-07087-6>). *Environ Sci Pollut Res Int.* 27:17429-17433. doi: [10.1007/s11356-020-08388-x](https://doi.org/10.1007/s11356-020-08388-x). Full online-only access: <https://rdcu.be/b3dLn>.
- > Moody, L., Hernandez-Saavedra, D., **Kougias, D. G.**, Chen, H., Juraska, J. M., Pan, Y-X. (2019). Tissue-specific changes in Srebf1 and Srebf2 expression and DNA methylation with perinatal phthalate exposure. *Environ Epigenet*, 5:1-11. doi: [10.1093/eep/dvz009](https://doi.org/10.1093/eep/dvz009).
- > Moody, L., **Kougias, D.**, Jung, P., Digan, I., Hong, A., Gorski, A., Chen, H., Juraska, J., M. Pan, Y-X. (2018). Perinatal phthalate and high-fat diet exposure induce sex-specific changes in adipocyte size and DNA methylation. *J Nutr Biochem.* 65:15-25. doi: [10.1016/j.jnutbio.2018.11.005](https://doi.org/10.1016/j.jnutbio.2018.11.005).
- > **Kougias, D. G.**, Sellinger, E. Willing, J., Juraska, J. M. (2018). Perinatal exposure to an environmentally relevant mixture of phthalates results in a lower number of neurons and synapses in the medial prefrontal cortex and decreased cognitive flexibility in adult male and female rats. *J Neurosci.* 38:6864-6872. doi: [10.1523/JNEUROSCI.0607-18.2018](https://doi.org/10.1523/JNEUROSCI.0607-18.2018).
- > **Kougias, D. G.**, Tapas, D., Perez, A. B., Pereira, S. (2018). A role for nutritional intervention in addressing the aging neuromuscular junction. *Nutr Res.* 53:1-14. doi: [10.1016/j.nutres.2018.02.006](https://doi.org/10.1016/j.nutres.2018.02.006).
- > **Kougias, D. G.**, Cortes, Moody, L., L. Rhoads, S. G., Pan, Y., Juraska, J. M. (2018). Effects of Perinatal Exposure to Phthalates and a High-Fat Diet on Maternal Behavior and Pup Development and Social Play. *Endocrinology.* 159:1088-1105. doi: [10.1210/en.2017-03047](https://doi.org/10.1210/en.2017-03047).
- > **Kougias, D. G.**, Hankosky, E. R., Gulley, J. M., Juraska, J. M. (2017). Beta-hydroxy-beta-methylbutyrate (HMB) ameliorates age-related deficits in water maze

performance in male and, to a trivial extent, female rats. *Physiol Behav.* 170:93-99. doi: [10.1016/j.physbeh.2016.12.025](https://doi.org/10.1016/j.physbeh.2016.12.025).

- > Hankosky, E. R., Sherrill, L. K., Ruvola, L. A., Haake, R. M., Kim, T., Hammerslag, L. R., **Kougias, D. G.**, Juraska, J. M., Gulley, J. M. (2017). Effects of a hydroxy-methyl butyrate (HMB) on cognitive flexibility and working memory in an animal model of aging. *Nutr Neurosci.* 20:379-387. doi: [10.1080/1028415X.2016.1145376](https://doi.org/10.1080/1028415X.2016.1145376).
- > **Kougias, D. G.**, Nolan, S. O., Koss, W. A., Kim, T, Hankosky, E. R., Gulley, J. M., Juraska, J. J. (2016). Beta-hydroxy-beta-methylbutyrate (HMB) ameliorates aging effects in the dendritic tree of pyramidal neurons in the medial prefrontal cortex of both male and female rats. *Neurobiol Aging.* 40:78-85. doi: [10.1016/j.neurobiolaging.2016.01.004](https://doi.org/10.1016/j.neurobiolaging.2016.01.004).
- > **Kougias, D. G.**, Sun, R., Unice, K., Kovochich, M., Pierce, J. (2022). Comparative Evaluation of Passive Dosimetry and Biomonitoring to Assess Glyphosate Exposure with Simulated Heavy Residential Consumer Application of Roundup®. Poster presentation P549 at the 61<sup>st</sup> Annual Meeting of the Society of Toxicology (SOT) at the San Diego Convention Center, San Diego, CA; March 27-31, 2022. Abstract published in *The Toxicologist* 186(S1):264. Abstract 3873.
- > Massarsky A, Kozal JS, Liang LG, Hwang R, Hernandez A, **Kougias D**, Bandara S, Monnot A. Assessing potential ecotoxicological impacts due to residential pesticide use. Society of Environmental Toxicology and Chemistry (SETAC), Virtual meeting, November 14-18, 2021.
- > Comerford, C.E., B. Roberts, **D.G. Kougias**, K.A. Keeton, H.A. Reamer, N.F.B. Jacobs, J.T. Lotter, J.S. Pierce. (2021). Evaluation of Urinary Glyphosate Levels Following Simulated Residential Consumer Application of Roundup®. Poster Presentation at Virtual American Industrial Hygiene Conference & Exposition (AIHce) May 24-26, 2021, Dallas, TX.
- > Keeton, K.A., B. Roberts, **D.G. Kougias**, C.E. Comerford, H.A. Reamer, N.F.B. Jacobs, J.T. Lotter, J.S. Pierce. (2021). Evaluation of Inhalation and Dermal Exposures to Glyphosate during Simulated Residential Consumer Application of Roundup®. Poster Presentation at Virtual American Industrial Hygiene Conference & Exposition (AIHce) May 24-26, 2021, Dallas, TX.
- > **Kougias, D. G.**, Reamer, H., Kovochich, M., McEwen, A., Miller, E., Roberts, B., Comerford, C., Pierce, J. (2020). Risk Assessment of Glyphosate Exposure from Consumer Application of Roundup® using a Margin of Safety Approach. Intended poster presentation at the 59<sup>th</sup> Annual Meeting of the Society of Toxicology (SOT) at the Anaheim Convention Center, Anaheim, CA; March 15-19, 2020.
- > Kovochich, M., A. Monnot, **D.G. Kougias**, S. More, J.T. Wilsey, Q. Qiu, L. Perkins, P. Hasgall, M. Taneja, G. Eichenbaum, E.E. Reverdy, J. Sague, S. Marcello, K. Connor, W. Christian, P. Coplan, L. Katz, M. Vreeke, M. Calistri-Yeh, B. Faiola, and K.M. Unice. (2020). Carcinogenic Hazard Assessment of Cobalt-Containing Alloys in Medical



Devices. Intended poster presentation at the 59<sup>th</sup> Annual Meeting of the Society of Toxicology (SOT) at the Anaheim Convention Center, Anaheim, CA; March 15-19, 2020.

- > Earl, A., Lewis Jr., N.A., **Kougias, D.**, & Takahashi, K.J. (2019). The behavior of same-race others and its effects of Black patients' attention to publicly presented HIV-prevention information. Symposium presentation at the Ohio State University Weary Symposium on Diversity & Social Identity, Columbus (June).
- > **Kougias, D. G.**, Kovochich, M., Miller, J. V., Abramson, M. M., Maddaloni, M. A., Kreider, M. L. 2019. Evaluation of International Screening Values for Perfluorooctane Sulfonate (PFOS). Poster presentation at the 58<sup>th</sup> Annual Meeting of the Society of Toxicology (SOT) at the Baltimore Convention Center, Baltimore, MD; March 10-14, 2019.
- > Miller, J. V., **Kougias, D. G.**, Abramson, M. M., Maddaloni, M. A., Kreider, M. L. 2019. Comparative analysis of international and domestic points of departure and uncertainty factors contributing to disparate oral reference doses for PFOA. Poster presentation at the 58<sup>th</sup> Annual Meeting of the Society of Toxicology (SOT) at the Baltimore Convention Center, Baltimore, MD; March 10-14, 2019.
- > **Kougias, D. G.**, Sellinger, E. P., Juraska, J. M. 2018. Perinatal exposure to an environmentally relevant mixture of phthalates on the number of neurons, glia, and synapses within the medial prefrontal cortex of male and female rats. Poster presentation at the 57<sup>th</sup> Annual Meeting of the Society of Toxicology (SOT) at The Henry B. Gonzalez Convention Center, San Antonio, TX; March 11-15, 2018.
- > **Kougias, D. G.**, Wise, L. M., Belagodu, A. P., Juraska, J. M. 2017. Perinatal exposure to bisphenol A or phthalates and a high-fat diet minimally affect oxidative stress within the medial prefrontal cortex of both male and female pups. 2017 Neuroscience Meeting Planner. Washington, D.C.: Society for Neuroscience, 2017. Online.
- > Sellinger, E. P., **Kougias, D. G.**, Juraska, J. M. 2017. The effect of perinatal phthalate exposure on the number of synapses in the medial prefrontal cortex. 2017 Neuroscience Meeting Planner. Washington, D.C.: Society for Neuroscience, 2017. Online.
- > Juraska, J. M., Willing, J., **Kougias, D. G.** Effects of a relevant phthalate combination during perinatal development on apoptosis in the mPFC of male and female rats. 2017 Neuroscience Meeting Planner. Washington, D.C.: Society for Neuroscience, 2017. Online.
- > **Kougias, D. G.**, Cortes, L. R., Rhoads, S. G., Juraska, J. M. (2017). Behavioral and weight effects of perinatal exposure to phthalates and a high-fat diet in male and female rats. International Society for Developmental Psychobiology (ISDP). Washington, D.C. Abstract published in *Developmental Psychobiology*. DOI: [10.1002/dev.21598](https://doi.org/10.1002/dev.21598).
- > Sellinger, E. P., **Kougias, D. G.**, Juraska, J. M. (2017). The impact of phthalate exposure during the perinatal period on the number of synapses in the medial prefrontal

cortex. International Society for Developmental Psychobiology (ISDP). Washington, D.C. Abstract published in *Developmental Psychobiology*. DOI: [10.1002/dev.21598](https://doi.org/10.1002/dev.21598).

- > Lewis, N. A., Jr., **Kougias, D. G.**, & Earl, A. (2017, March). If 'we' pay attention to health information, then so do 'I': Audience impacts African-American attention to health information. In symposium Using Social Psychological Insights to Make Sense of Persistent Health Disparities (Chair: Lauren Howe). International Convention of Psychological Science, Vienna, Austria.
- > **Kougias, D. G.**, Cortes, L. R., Rhoads, S. G., Juraska, J. M. (2016). The effects of perinatal exposure to phthalates and a high-fat diet on maternal behavior, indices of pup development, and periadolescent behavior. 2016 National Institute of Environmental Health Sciences EHS FEST. Durham, NC: Environmental Health Science FEST, 2016. Available online.
- > **Kougias, D. G.**, Cortes, L. R., Rhoads, S. G., Juraska, J. M. (2016). Perinatal exposure to phthalates and a high-fat diet affects maternal behavior, indices of pup development, and periadolescent behavior. 2016 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2016. Online.
- > Willing, J., **Kougias, D. G.**, Cortes, L. R., Drzewiecki, C. M., Wehreim, K. E., Juraska, J. M. (2016). Long-term behavioral effects of perinatal exposure to phthalates and maternal high-fat diet in male and female rats. 2016 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2016. Online.
- > **Kougias, D. G.**, Nolan, S. O., Kim, T., Koss, W. A., Gulley, J. M., Juraska, J. M. (2015). Long-term HMB supplementation ameliorates aging effects in the dendritic morphology of mPFC layer 5 pyramidal neurons in aged male and female rats. Program No. 305.15. 2015 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2015. Online.
- > Gulley, J. M., Hankosky, E. R., Ruvola, L. A., Sherrill, L. K., Keeley, C. J., Patel, R. A., Ghane, M. A., Hammerslag, L. R., Kim, T., **Kougias, D. G.**, Juraska, J. M. (2014). Effects of a bioactive nutrient on memory and cognitive flexibility in a rodent model of aging. Program No. 359.02. 2014 Neuroscience Meeting Planner. Washington, D.C.: Society for Neuroscience, 2014. Online.
- > Juraska, J. M., Sherrill, L. K., Ruvola, L. A., Kofsky, N. M., Keeley, C. J., Ghane, M. A., Hankosky, E. R., Hammerslag, L. R., Kim, T., **Kougias, D. G.**, Gulley, J. M. (2014). The effects of daily supplementation with a bioactive nutrient on age-related declines in working memory in male and female rats. Program No. 359.03. 2014 Neuroscience Meeting Planner. Washington, D.C.: Society for Neuroscience, 2014. Online.
- > **Kougias, D. G.**, Koss, W. A., Sherrill, L. K., Hammerslag, E. R., Hankosky, E. R., Gulley, J. M., Juraska, J. J. (2013). The effects of HMB on water maze performance in middle-aged and aged male and female rats. Program No. 579.09. 2013 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2013. Online.