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Engineering & Scientific Consulting

Paola Chrysostomou

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Professional Profile

Ms. Chrysostomou is experienced in evaluating human health hazards using toxicological and pharmacological studies, publicly available literature, and quantitative structure activity relationship (QSAR) modeling. In her current capacity with Exponent's Chemical Regulation & Food Safety she works as a regulatory toxicologist preparing chemical assessments, human health hazard assessments, dose-response risk assessments, benchmark dose modeling analysis, and toxicological summaries for food ingredients, additives and contaminants, consumer products, pesticides, and industrial chemicals. She has experience in placing, monitoring, and interpreting toxicological studies for chemicals, including products under FIFRA and TSCA. Ms. Chrysostomou has also conducted occupational health categorization for active pharmaceutical ingredients.

Ms. Chrysostomou's educational background includes a Master of Science in Toxicology from Colorado State University and a Bachelor of Science in Psychology with a focus in premedical studies from University of Maryland. During her studies, she focused on clinical trial data management, clinical data collection and analysis, and regulatory compliance.

Academic Credentials & Professional Honors

M.S., Toxicology, Colorado State University, 2017

B.S., Psychology, University of Maryland, College Park, 2014

Prior Experience

Toxicologist/Analyst, Alexa Research & Engineering, 2019-2022

Associate Toxicologist, Affygility Solutions, 2018-2019

Postbaccalaureate Intramural Research Fellow, National Institutes of Health, 2015-2016

Research Assistant, Veterans Affairs Medical Center, 2012-2016

Professional Affiliations

Institute of Food Technologists, 2023 – Present

Toxicology Forum, 2022 – Present

Society of Toxicology, 2017 – Present

Languages

Greek

Spanish

Publications

Turbitt, E.*, Chrysostomou, P.*, Heidlebaugh, A., Peay, H., Nelson, L & Biesecker, B. (2018). Randomized controlled study of two consent interventions for participating in NIH genome sequencing studies. European Journal of Human Genetics. *Joint first authorship

Zaheer, M., Chrysostomou, P., & Papademetriou, V. (2016). Hypertension and Atherosclerosis: Pathophysiology, Mechanisms and Benefits of BP Control. In Hypertension and Cardiovascular Disease (pp. 201-216). Springer International Publishing.

Raman, V.K., Chrysostomou, P., & Papademetriou, V. (2016) Renal Denervation: Back to the Future? Journal of Kidney; 2:125

Chrysostomou, P., Lodish, M.B., Turkbey, E., Papadakis, G.Z., & Stratakis, C.A. (2016) Use of 3-D dimensional volumetric modeling of adrenal gland size in patients with primary pigmented nodular adrenocortical disease. Hormone and Metabolic Research; 48(04): 242-246.

Chrysostomou, P., Lodish, M.B., Turkbey, E., & Stratakis, C.A. (2014) Use of 3-D dimensional volumetric modeling of adrenal gland size in patients with primary pigmented nodular adrenocortical disease [Abstract]. In Endocrine Hypertension & Cushing's (MON-0775). Endocrine Society.

Presentations

DoD Exposure Monitoring Strategy [Presentation] (2021). Joint DoD-VA Deployment Health Working Group.

National Defense Authorization Act, Health Affairs Related Policy [Presentation] (2020, 2021, 2022).

Additional Education & Training

TERA Dose-Response Assessment Boot Camp Course, November 202

HESI DART Workshop: Interpretation of Developmental and Reproductive Toxicity in Regulatory Contexts and Frameworks, October 2022

Consumer Product Safety Commission, Household Consumer Products Association: A-Z and Beyond, September 2022

Toxicology Excellence in Risk Assessment, Dose-Response Assessment Boot Camp Course, November 2022