



DAGMARA ANTKIEWICZ

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Dagmara Antkiewicz is a scientist with the Wisconsin State Laboratory of Hygiene. She has over 20 years of laboratory experience, including graduate work at one of country's top toxicology programs and nearly 15 years in a professional laboratory setting. Her areas of expertise include application of whole effluent toxicity testing, sediment testing and related methods as tools of environmental biomonitoring, using small fish models to study developmental toxicity of environmental pollutants (focusing on persistent organics and endocrine disruptors), and application of in vitro and cellular models. Additionally, she uses molecular biology techniques to help elucidate mechanisms of toxicity in a variety of areas, including aerosol toxicity, endocrine modulation, and reproductive and developmental toxicity. She is deeply interested in studying the connection between environmental and human health and in the application of biological and chemical monitoring tools in the process. Her areas of research include monitoring environmental samples for endocrine disrupting compounds as well as evaluating aerosol particulate matter toxicity and, more recently, conducting wastewater surveillance for a variety of human pathogens, including SARS-CoV-2, influenza, RSV, and antibiotic-resistant organisms. Dagmara received a PhD in toxicology from the University of Wisconsin-Madison.