

The Environmental Health/Biomarkers/Precision Medicine section of *Experimental Biology and Medicine* invites reports of original research articles and mini-reviews that provide novel information on biomarkers with an emphasis on their impact on precision medicine. A primary goal is to identify and examine biomarkers of effect, disposition and susceptibility that prove useful in assessing the safety and efficacy of drugs and biologics as well as the safety of food. Investigations focused on technologies enabling precision medicine in clinical application and biomarker validation are especially relevant to the drug development process and are welcomed for submission to this section. Submitted manuscripts may include information on the development of innovative biomarkers for application to clinical assessments and to medical product development as well as those relevant to other scientific areas concerning product safety (e.g., foods, tobacco and devices). The goal is to accelerate development, refinement, and precision application of medical products; assess the safety of food; and provide information on the toxicity of tobacco products. For the mini-reviews, we strongly encourage thought leaders in the biomarker field to discuss emerging and mature biomarkers as they travel the development and qualification process and how they may benefit public health. For original research articles, scientific merit will be emphasized as well as the effective communication of the scientific data including clarity, quality and accuracy of the text, figures and tables, and clarity of methods, experimental design and statistical analyses.

In order to enhance interest and exemplify the broad scope of this new EBM Section on Environmental Health/Biomarkers/Precision Medicine, a special thematic issue will be published later this year. This issue will focus on Biomarkers in the broadest sense and include introductory

commentary by Robert Califf, Duke University, and a summary by Russ Altman, Stanford University. The intervening 10 articles will focus on the development and multiple uses of Biomarkers of all types including those for medical product development, precision medicine, diagnosis and safety regulation of many products including, foods, devices, environmental chemicals, etc. The hope is that this exciting array of very well crafted and innovative reports on Biomarkers will entice perspective authors to submit their original, high quality research and reviews to EBM.

A dynamic and experienced set of fundamental researchers and clinicians has been recruited as members of the review board for this new EBM section on Environmental Health/Biomarkers/Precision Medicine. With decades of experience, these well published reviewers will provide informed, fair and encouraging guidance to submitting authors. The review board members include Donna Mendrick, PhD, Associate Director for Regulatory Activities, NCTR/FDA; Donald Johann Jr., MSc, MD, FACP, Associate Professor of Medicine & Biomedical Informatics, Scientific Director of the UAMS Genomics Sequencing Facility; John-Michael Sauer, PhD, Executive Director of the Predictive Safety Testing Consortium, Critical Path Institute and Paul Watkins, MD, Howard J. Ferguson Distinguished Professor, Schools of Pharmacy, Medicine and Public Health, UNC.

As Environmental Health/Biomarker Section Associate Editor, I invite and encourage you to submit your quality Biomarker-related work to EBM and enjoy a fair and rapid evaluation of your innovative research and reviews.

William Slikker Jr.

Associate Editor