Special Issue

Chromatographic Analysis of Biomarkers

Message from the Guest Editors

Identifying and validating biomarkers that can be used not only for screening/diagnosis but also for surveillance and prognosis are continued scientific challenges in the 21st century. Over the past 30 years, different fields of "-omics' have emerged with the goal of understanding complex biological systems through profiling genes, transcription factors, proteins, lipids, and metabolites. Of relevance, these different analytical approaches have been utilized for biomarker discovery in different sample matrices, including blood, sweat, saliva, urine, and even breath. Different modes of chromatography are critical to provide reliable degrees of sensitivity and, more importantly, selectivity in generating biomarker data. Therefore, this Special Issue is dedicated to publishing research focusing on biomarker analysis and identification through diverse chromatographic methods. This Special Issue aims to encompass a broad range of research, including, but not limited to, novel applications, unique chemometric or biostatistical approaches for data analysis, and analytical method development/validation.

Guest Editors

Dr. Mark Woollam

Department of Chemistry and Chemical Biology, Indiana University-Purdue University, Indianapolis, IN 46202, USA

Prof. Dr. Mangilal Agarwal

Integrated Nanosystems Development Institute (INDI), Biomedical Engineering and Informatics, Indiana University, Indianapolis, IN, USA

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4052 Basel, Switzerland
Tel: +41 61 683 77 34
separations@mdpi.com

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Editor-in-Chief

Prof. Dr. Frank L. Dorman
Department of Chemistry, Dartmouth College, Hanover, NH 03755, USA

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