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Nutritional Metabolomics in Cancer Epidemiology

Guest Editor:

Dr. Mary C. Playdon

University of Utah and Cancer Control and Population Sciences Program, Department of Nutrition and Integrative Physiology, Huntsman Cancer Institute, University of Utah, Salt Lake City, UT 84112, USA

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Message from the Guest Editor

Diet plays an important role at different stages of carcinogenesis, from initiation to progression of disease. While the evidence for the relationships of certain foods, beverages, dietary patterns, and dietary supplements with some cancers is considered convincing, there is a lack of clarity on many dietary exposures, particularly in relation to cancer subtypes.

The emergence of nutritional metabolomics has uncovered a multitude of food-derived dietary metabolites and endogenous metabolites reflecting the influence of diet on human metabolism. These developments provide an avenue for improving dietary measurement to resolve outstanding research questions that have been limited by measurement error and biases.

This Special Issue will encompass recent research in the field of nutritional and cancer epidemiology with an emphasis on the application of metabolomics (including lipidomics) technology to the study of diet and cancer. Both original articles and reviews spanning clinical and observational research studies are welcome.









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Prof. Dr. Lluis Serra-Majem

 Centro de Investigación
Biomédica en Red Fisiopatología de la Obesidad y la Nutrición
(CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
Research Institute of
Biomedical and Health Sciences
(IUIBS), University of Las Palmas de Gran Canaria, 35001 Las
Palmas, Spain
Preventive Medicine Service, Centro Hospitalario Universitario
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Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269,

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Nutrients Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/nutrients nutrients@mdpi.com X@Nutrients_MDPI