

Special Issue

The Correlation between Gut Microbiota and Cancers

Message from the Guest Editor

The gut microbiota (GM) is one of the most complex and dense microbial ecosystems and is recognized for its pivotal role in human health. It affects a number of physiological processes, such as metabolism, vitamin synthesis, barrier homeostasis, defense against pathogens, immune system development and maturation, and hematopoiesis through intestinal and extraintestinal actions, thereby making it a vital organ. Disturbances in the dynamic interactions among GM populations, a phenomenon called dysbiosis, have been linked to several human diseases affecting the gut and various other organ systems. Tumorigenesis is one of the most investigated pathologies associated with the GM. This connection has been observed not only with gastrointestinal cancers but also in tumors affecting different organ systems within the body. Therefore, we are pleased to invite you to this Special Issue, which aims to focus on the impact of GM in cancer prevention and tumorigenesis, or examine the development of new anti-cancer therapeutic options, in order to fully understand the role of GM as an effective strategy against cancer that is not limited to the gastrointestinal tract.

Guest Editor

Dr. Georgia Saxami

Department of Nutrition and Dietetics, Harokopio University, 17671 Athens, Greece

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*Journal of Personalized
Medicine*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jpm@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine (JPM), ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

Editor-in-Chief

Prof. Dr. Kenneth P.H. Pritzker

Department of Laboratory Medicine and Pathobiology, Department of Surgery, University of Toronto, 6 Queens Pk Crescent W,F, Toronto, ON M5S 3H2, Canada

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