



an Open Access Journal by MDPI

Role of Bacterial Infection in Cancer

Guest Editors:

Prof. Dr. Shahid Umar

Department of Surgery, Medical
Center, Kansas City, KS 66160,
USA

Prof. Dr. K. Allen Greiner

Department of Family Medicine
MS 3064, University of Kansas
Medical Center, Kansas City,
Kansas 66160, USA

Deadline for manuscript
submissions:

closed (30 November 2019)

Message from the Guest Editors

Dear Colleagues,

The global spread of antibiotic-resistant pathogens have the potential to increase the mortality of cancer patients. It is plausible that chemotherapy contributes towards the emergence of antibiotic-resistant bacteria within the gut and, in combination with antibiotics, drives pathogen overgrowth thereby disrupting commensal gut microbiology and promoting infection-induced mutagenesis. It is therefore imperative to focus on understanding the mechanistic basis of malignant transformation initiated by pathogens, an area that promises exciting prophylactic, diagnostic, and therapeutic applications.

This Special Issue will provide an open access opportunity to publish research work and review articles related to the role of microbiota in general and bacterial constituents of the microbiome in particular, in cellular transformation and progression of cancer and how microbial products influence the outcome of chemo- and immunotherapies, respectively.

Prof. Dr. Shahid Umar
Guest Editor



mdpi.com/si/13150



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

Diseases is an international, peer-reviewed, open access, multidisciplinary journal that focuses on the latest outstanding research concerning diseases and conditions. Research articles, reviews, and other contents are released on the Internet immediately after acceptance. This journal aims to cover international conferences and symposia as new targets.

Diseases is increasingly gaining acceptance and visibility within scholars, and after only a few years of life, *Diseases* is now also covering specific topics with dedicated special issues. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, ESCI (Web of Science), PubMed, PMC, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Medicine, Research and Experimental)

Contact Us

Diseases Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/diseases
diseases@mdpi.com
X@Diseases_MDPI