

## Special Issue

# Cancer Biology, Genomics and Metabolomics

### Message from the Guest Editor

Nearly 100 years ago, Otto Warburg discovered and coined the “Warburg Effect”, a metabolic adaptation that increases biomass production and aids in the proliferation of tumor tissue. While our understanding of the metabolic alterations that underly cancer progression has remained relatively stagnant, in the past 20 years research aimed at understanding cellular energetics has exponentially increased. Much of this rise has been facilitated by the advancement of available research technologies, including improved bulk RNA sequencing, better mass spectrometers, and single-cell omics techniques. With this resurgence of research aimed at cancer metabolism, as well as the advancements in technology, this Special Issue will explore basic science, translational and clinical aspects of cancer biology, with a particular emphasis on ‘big data’-producing assays, and their implementation to better understand energy metabolism and metabolic reprogramming.

### Guest Editor

Dr. Spencer Rosario  
Roswell Park Comprehensive Cancer Center, Buffalo, NY, USA

### Deadline for manuscript submissions

closed (18 August 2023)



## Life

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### Message from the Editor-in-Chief

*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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### Editor-in-Chief

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