

Special Issue

New Era of Cancer Research: From Large-Scale Cohorts to Big-Data

Message from the Guest Editors

Cancer is the second leading cause of incidence and mortality globally, leading to a wide range of inequalities within countries. Population-based cancer cohorts and registries constituted the first step towards building reliable and comprehensive cancer data that could be translated into clinical practices, public health policies and methodological frameworks for chronic diseases. Nowadays, the discussion has turned towards big data, linking all types of data with these large-scale cohorts. Big data provide an unprecedented opportunity to understand cancer and contribute to treatment decisions based on evidence and knowledge extracted from these massive collections of data. With the evolution of big data, machine learning and artificial intelligence approaches are now at the forefront of these tools and methodologies. This Special Issue aims to “map” recent trends in cancer epidemiology and clinical research, derived from large-scale cohorts, population-based registrations and, most importantly, big data.

Guest Editors

Dr. Dimitra Sifaki-Pistolla

1. Cancer Registry of Crete, School of Medicine, University of Crete, 700 13 Heraklion, Greece
2. Department of Medical Oncology, University General Hospital of Heraklion, 715 00 Heraklion, Greece

Dr. Georgia Pistolla

School of Medicine, University of Crete, 71500 Crete, Greece

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cancers@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

Prof. Dr. Samuel C. Mok

Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX 77030, USA

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