ONCOLOGIE

Call for Special Issue Papers

Special Issue on
Perspectives in Cancer Epidemiology

Guest Editors

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Please submit your manuscript until 10-March-2025 to https://mc.manuscriptcentral.com/oncologie

Cancer encompasses more than 200 diseases characterized by disorganized cell growth, which disrupts local and systemic homeostasis and often leads to death. According to GLOBOCAN data, nearly 20 million new cases were reported worldwide in 2022. With increasing life expectancy, the prevalence and incidence of cancer are expected to rise in the coming years. The disease represents a true public health problem with serious biological and psychological implications for patients and their families with a notable social and economic burden on countries. In this context, scientific research is essential for understanding the factors influencing mortality, identifying risk factors, developing prevention strategies, and improving early diagnosis and treatment modalities for cancer. The information derived from research is essential to understand the epidemiological dynamics of the disease and reduce its impact.

This special issue of the journal Oncologie will delve into various contemporary topics, focusing on the dynamics of cancer epidemiology.
We invite contributions related to:

- Factors associated with cancer prognosis and mortality.
- Early onset cancers.
- Genetic and epigenetic factors associated with cancer: genetic screening and genome-wide association studies (GWAS), epigenetic modifications that modulate cancer risk, genetic predictors of mortality.
- Environmental factors associated with cancer: infectious pathogens, diet, environmental and occupational exposure to chemical carcinogens, exposure to ionizing radiation, the role of the immune response and the microbiome in antitumor defense.
- Strategies for timely detection and prevention of cancer: Frequentist, Bayesian, or Machine Learning models for timely detection of the disease, public health strategies for timely diagnosis.
- Social and economic impact of cancer.

Keywords for this special issue are:

- Mortality
- Prognosis
- Risk factors
- Early detection on cancer
- Carcinogenesis
- Genetic testing
- Genome-Wide Association Study
- Environment and public health
- Tumor mechanisms
- Trends
- Cost of Illness

Original Research Articles, Reviews, Mini-Reviews, Perspectives and Rapid-communications are welcome for this special issue (https://www.degruyter.com/journal/key/oncologie/html).

Publication of the special issue is planned for end of June 2025.

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