

1. Record Nr.	UNINA9910741172403321
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Titolo	Infectious Agents and Cancer [[electronic resource] /] / by Anton G. Kutikhin, Arseniy E. Yuzhalin, Elena B. Brusina
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2013
ISBN	94-007-5955-X 1-283-93818-9
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (123 p.)
Disciplina	616.9792071
Soggetti	Cancer research Microbiology Bacteriology Medicine Cancer Research Biomedicine, general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface.- The Criteria of Inclusion of Infectious Agents in the List of Biological Carcinogens -- General Mechanisms of Biological Carcinogenesis.- The Role of Bacteria in Cancer Development -- The Role of Protozoa in Cancer Development -- The Role of Helminths and Fungi in Cancer Development.- Organ Microbiota in Cancer Development: the Holy Grail of Biological Carcinogenesis -- Conclusions: Are We There Yet?
Sommario/riassunto	Over the years of cancer investigation a lot of discoveries in this field were made, and many associations between various biological carcinogens and cancer were revealed. Some of them are credibly determined, thus these infectious agents (human papilloma virus, hepatitis B virus, hepatitis C virus, Epstein-Barr virus, human herpes virus 8, human T-cell lymphotropic virus 1, human immunodeficiency virus, Merkel cell polyomavirus, Helicobacter pylori, Opisthorchis viverrini, Clonorchis sinensis, Schistosoma haematobium) are recognized as carcinogens and probable carcinogens by International Agency for Research on Cancer (IARC). The problem is of large

importance, since share of infectious agents-related cancer cases is steadily increasing, reaching 25% according to certain estimates. It is worth noting that many of cancer cases are caused by infectious agents other than «conventional ones» like HPV, EBV, HBV, HCV, H.pylori etc. In recent years, a number of significant breakthroughs in the field were performed, such as the discovery of the microbiota role in cancer causation. Here in this book, almost all connections between «unconventional» carcinogenic infectious agents and cancer are described and analyzed comprehensively. The monograph was written with the idea that the language and concept will be rather simple and understandable for the wide audience, but the information contained in the book will be useful even for researchers working in the field of biological carcinogenesis who are familiar with the problem. Infectious Agents and Cancer may also be helpful for PhD, graduate and undergraduate students of biomedical faculties, and for their lecturers as well. The main idea of this book is to attract the attention to the problem of infectious agents causing human cancer other than the known biological carcinogens. .
