Record Nr. UNINA9910437828703321 Nasopharyngeal Carcinoma: Keys for Translational Medicine and **Titolo** Biology / / edited by Pierre Busson Pubbl/distr/stampa New York, NY:,: Springer New York:,: Imprint: Springer,, 2013 **ISBN** 1-4614-5947-8 Edizione [1st ed. 2013.] 1 online resource (205 p.) Descrizione fisica Collana Advances in Experimental Medicine and Biology, , 0065-2598;; 778 Disciplina 616.99 616.9942 Soggetti Medicine Cancer research Biomedicine, general Cancer Research 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 Diagnosis and Clinical Evaluation of Nasophary Ngeal Carcinoma --Histopathological Diagnosis of Nasopharyngeal Carcinoma: Looking beyond the Blue Book -- Descriptive, Environmental and Genetic Epidemiology of Nasopharyngeal Carcinoma -- Acquired Genetic and Epigenetic Alter Ations in Nasophary Ngeal Carcinoma -- Cellular Interactions in Nasopharyngeal Carcinomas -- Biological Tools for NPC Population Screening and Disease Monitoring -- Medical Imaging of Nasopharyngeal Carcinomas: Current Tools and Applications --Radiotherapy of NPC: Current Strategies and Perspectives -- The Evolving Role of Systemic Therapy in Nasopharyngeal Carcinoma: Current Strategies and Perspectives -- Nasopharyngeal Carcinoma Immunotherapy: Current Strategies and Perspectives -- Therapeutic Induction of Apoptosis in Nasophary Ngeal Carcinoma. This volume intends to contribute to "translational medicine and Sommario/riassunto biology". By this, we mean a bi-directional process whose aim is to develop knowledge from basic science towards diagnostic and therapeutic applications and reciprocally to raise new questions for

> basic scientists. One general requirement for translational research is to establish a multidisciplinary knowledge base shared by the actors of

various specialties. This is precisely the aim of the 12 chapters of this book. It will be useful for scientists, including PhD students, who want to become more familiar with the main concepts of NPC pathology, medical imaging and current therapeutics. Conversely, medical doctors who want to update their knowledge of NPC biology will benefit from chapters on viral and cellular oncogenesis and various aspects of host-tumor interactions.