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# OCCUPATIONAL TUMORS AND ALLIED DISEASES

By

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WARNER INSTITUTE FOR THERAPEUTIC RESEARCH  
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## P R E F A C E

THE amount of factual information and the scientific as well as practical significance of tumors of occupational origin have increased rapidly during the past two decades. This development, however, so far has not found an adequate and comprehensive presentation in the medical textbooks dealing with industrial diseases or with cancerous growths. There is thus a place and a need for a separate and detailed treatise on occupational blastomas and related diseases.

It is the principal aim of this book to furnish an extensive source of information concerning the various aspects and the different types of these neoplastic disorders which have come to claim an ever-increasing importance as a part of the problem of cancer in general. A reference book is now offered in which the pertinent data, often not readily accessible and widely scattered in journals, books and separate communications of a diverse character, have been compiled. An attempt is made to analyze critically and to integrate the evidence obtained from different sources, and to correlate and evaluate the various observations made and theoretical conceptions advanced, so as to form a well balanced and, when possible, coherent picture of the subject under discussion.

The treatise may appeal and serve, therefore, as a guide to all those directly or indirectly interested in and charged with the supervision of industrial and public health hazards or concerned with the diagnosis and treatment of neoplastic diseases. The book is addressed to the

*a) medical profession*, particularly those of its members who are engaged in the clinical management and scientific study of cancer and of occupational diseases, including their medico-legal aspects.

*b) governmental agencies* charged with the safeguard of public health, the supervision of working conditions in industry and commerce, and the sanitary control of the various types of merchandise, especially foodstuffs, wearing apparel, drugs, cosmetics and the innumerable chemicals contained in articles used in the household, agriculture, etc.

*c) legislative bodies* formulating the laws which regulate the activities of the above mentioned governmental agencies, and of the private parties concerned with occupational hazards causing the production of industrial cancers.

*d) workmen's compensation boards, industrial commissions, etc.*

*e) legal and judicial profession.*

*f) industrial managers and engineers.*

*g) life insurance and accident insurance companies.*

*h) research workers in biology, chemistry and physics.*

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An appreciable unevenness exists in the presentation of the various aspects of the individual occupational neoplasms. This is in part due to the fact that marked differences exist regarding the amount of information available for any particular type of tumor, and in part to the irregularity with which our knowledge has progressed at different times and at various points. The apparent great complexity of the subject matter, the existence of an appreciable number of disconnected or controversial observations, and the rapid and continuous expansion of the borders of our knowledge, may necessitate not only modifications in the interpretations of observations recorded, but also demand that final judgment must be suspended on certain points until some future time.

The extensive bibliographies conform to the reference character of the book. A fairly complete list of references is offered for the majority of industrial neoplasms discussed. A restricted number of publications, selected according to their relative scientific or practical value or because of some special feature, is given with those industrial tumors for which a very abundant literature exists. The bibliographies, in these cases however, are also of great fullness and representative in character. No attempt has been made to cover the literature comprehensively, which has been accumulated concerning the traumatic causation of neoplasms, as a great number of publications dealing with the subject are of little value.

It is obvious that in the difficult task of collecting data from many sources and about widely differing aspects, errors or omissions may have occurred. The indulgence of the reader is asked in this matter and the hope is expressed that his suggestions and criticisms may assist in remedying such defects and in improving the work in the future.

I wish to express my sincere gratitude to William R. Warner & Company, Inc., and especially to Mr. G. A. Pfeiffer, President, and Dr. Marvin R. Thompson, Director of the Warner Institute for Therapeutic Research, for the continued interest shown in the progress of this work and for the encouragement extended to it until its ultimate publication.

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