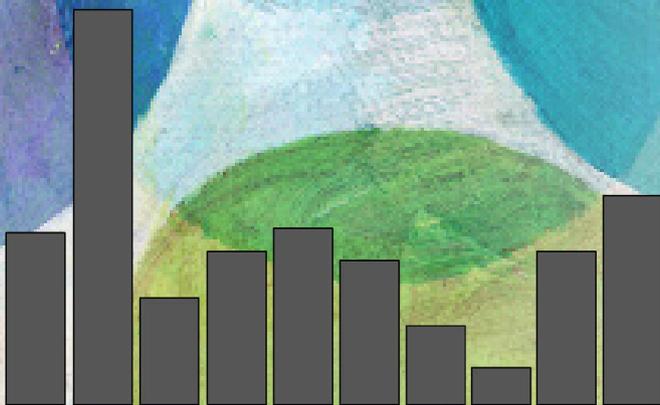


TUMOUR SITE CONCORDANCE AND MECHANISMS OF CARCINOGENESIS

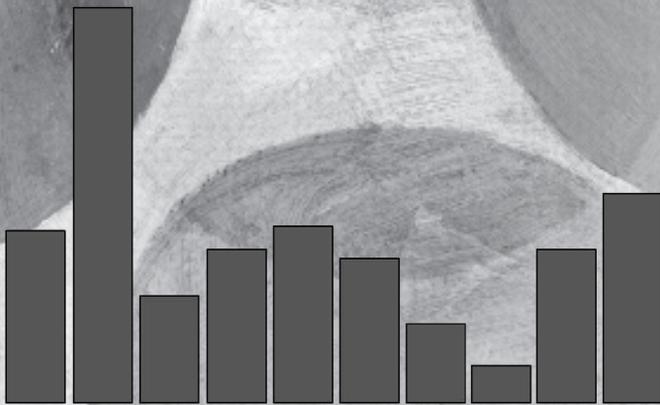
EDITED BY ROBERT A. BAAN,
BERNARD W. STEWART, AND KURT STRAIF



IARC SCIENTIFIC
PUBLICATION NO. 165

TUMOUR SITE CONCORDANCE AND MECHANISMS OF CARCINOGENESIS

EDITED BY ROBERT A. BAAN,
BERNARD W. STEWART, AND KURT STRAIF



IARC SCIENTIFIC
PUBLICATION NO. 165

Published by the International Agency for Research on Cancer,
150 cours Albert Thomas, 69372 Lyon Cedex 08, France

©International Agency for Research on Cancer, 2019

Distributed by

WHO Press, World Health Organization, 20 Avenue Appia, 1211 Geneva 27, Switzerland
(tel: +41 22 791 3264; fax: +41 22 791 4857; email: bookorders@who.int).

Publications of the World Health Organization enjoy copyright protection in accordance with the provisions of Protocol 2 of the Universal Copyright Convention. All rights reserved.

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the Secretariat of the World Health Organization concerning the legal status of any country, territory, city, or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by the World Health Organization in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

The authors alone are responsible for the views expressed in this publication.

The International Agency for Research on Cancer welcomes requests for permission to reproduce or translate its publications, in part or in full. Requests for permission to reproduce or translate IARC publications – whether for sale or for non-commercial distribution – should be addressed to the IARC Communications Group, at: publications@iarc.fr.

About the cover: The background image (credit: Qweek/E+/Getty Images) reflects the concept of “overlap” discussed in this volume, where agents cause tumours in the same target organs in humans and in experimental animals (see Chapter 21 and Annex 1). The bar graph (credit: Daniel Krewski) shows a “mechanistic profile” of the 86 carcinogens included in the analysis described in Chapter 22. The 10 bars represent the key characteristics (see Chapter 10); the height of a bar indicates the number of agents that display that particular characteristic. Genotoxicity (the second bar from the left) is the most prominent characteristic.

This book is available in electronic format from
<http://publications.iarc.fr>.

IARC Library Cataloguing in Publication Data

Tumour site concordance and mechanisms of carcinogenesis / edited by Robert A. Baan, Bernard W. Stewart, Kurt Straif

(IARC Scientific Publications; 165)

1. Neoplasms – etiology 2. Neoplasms – epidemiology 3. Neoplasms, Experimental 4. Carcinogenicity Tests 5. Risk Assessment 6. Public Health 7. Carcinogenesis

I. Baan, R. A. II. Title III. Series

ISBN 978-92-832-2215-6
ISSN 0300-5085

(NLM Classification: W1)