
Endocrine
Management
of
Cancer

1 Biological
Bases

C. B. Kent - 406343
- 1/13/2017 7:48:04 PM

C. B. Kent - 409343
- 11/13/2017 7:48:04 PM

Basil A. Stoll, London (Editor)

Endocrine Management of Cancer

.....

1 Biological Bases

7 figures and 10 tables, 1988



Basel · München · Paris · London · New York · New Delhi · Singapore · Tokyo · Sydney

C. B. Kent - 4/06/343
- 11/3/2017 7:46:04 PM

Library of Congress Cataloging-in-Publication Data

Endocrine management of cancer.

Includes bibliographies and index.

Contents: v. 1. Biological bases.

1. Cancer – Chemotherapy. 2. Hormone therapy.

3. Hormones – Agonists – Therapeutic use. 4. Hormones – Antagonists – Therapeutic use.

I. Stoll, Basil A. (Basil Arnold)

[DNLM: 1. Hormones – therapeutic use. 2. Neoplasms – drug therapy. QZ 267 E56]

RC271.H55E528 1988 616.99'4061 87-29872

ISBN 3-8055-4687-4 (set)

ISBN 3-8055-4685-8 (v.1)

ISBN 3-8055-4686-6 (v.2)

Drug Dosage

The authors and the publisher have exerted every effort to ensure that drug selection and dosage set forth in this text are in accord with current recommendations and practice at the time of publication. However, in view of ongoing research, changes in government regulations, and the constant flow of information relating to drug therapy and drug reactions, the reader is urged to check the package insert for each drug for any change in indications and dosage and for added warnings and precautions. This is particularly important when the recommended agent is a new and/or infrequently employed drug.

All rights reserved.

No part of this publication may be translated into other languages, reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, recording, microcopying, or by any information storage and retrieval system, without permission in writing from the publisher.

© Copyright 1988 by S. Karger AG, P.O. Box, CH-4009 Basel (Switzerland)

Printed in Switzerland by Friedrich Reinhardt AG, Basel

ISBN 3-8055-4687-4 (set)

ISBN 3-8055-4685-8 (v.1)

Contents

Contributors	IX
Preface	XI

Steroids, Mediators and Growth Factors

Y.S. Cho-Chung

1 Models of Tumor Regression in Endocrine-Related Cancer	1
Regression due to Autophagic Cell Death (Apoptosis)	1
Regression due to Cell Differentiation	4
Regression due to Cell Differentiation and Apoptosis	7
Conclusion	9
References	10

J.D. Simnett

2 Hormonal Regulation of Protein Synthesis and Cell Differentiation	14
Genetic Control of Neoplasia	14
Protein Synthesis and Growth Control	16
Hormonal Regulation of Gene Expression	17
Steroids and the Control of Morphogenesis	19
Potential for the Hormonal Control of Neoplasia	21
References	22

M.J. Tisdale

3 Role of Intracellular Mediators in Hormonal Mechanisms	26
Cyclic Nucleotides	26
Phosphoinositides	30
Phorbol Esters	31
Prostaglandins, Thromboxanes and Prostacyclin	31
Conclusion	33
References	33

J.R.C. Sainsbury

4 Growth Factors and Their Receptors as Mediators of Response	35
Presence of Growth Factors and Receptors in Human Tumours	36
Possible Strategies for Intervention in Growth Factor-Mediated Pathways	38
Conclusion	41
References	42

F. B. Kent - 406343
- 11/3/2017 7:48:04 PM

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.