

Ovarian Cancer

Second Edition

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Cancer Treatment and Research

Steven T. Rosen, MD, *Series Editor*

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Editors

Ovarian Cancer

Second Edition

 Springer

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ISSN 0927-3042
ISBN 978-0-387-98093-5 e-ISBN 978-0-387-98094-2
DOI 10.1007/978-0-387-98094-2
Springer New York Dordrecht Heidelberg London

Library of Congress Control Number: 2008943691

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Printed on acid-free paper

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As we struggle to understand, treat, and cure this deadly disease, this book is dedicated to the women who suffer with ovarian cancer and those who love them.

Preface

This volume provides a set of comprehensive reviews from experts in the field on key clinical, translational, and basic research issues in ovarian cancer for clinicians and scientists. Chemoprevention, staging, and novel therapeutic targets are addressed in Part I with a series of reviews highlighting prevention strategies, surgical treatments, and translation of novel targets into clinical practice. Part II is focused on tumorigenesis and biomarkers. Reviews highlight genetic and epigenetic changes active in transformation of ovarian surface epithelium and biomarkers currently under investigation as diagnostic/prognostic indicators or therapeutic targets. Part III includes comprehensive overviews of tumor progression, metastasis, and translational research models. These reviews evaluate key signal transduction pathways in ovarian cancer, describe the novel adhesive microenvironment unique to ovarian tumors, and provide a comprehensive description of in vitro organotypic and in vivo murine models used to study ovarian cancer onset, progression, and metastasis.

Columbia, Missouri
New York, NY

M.S. Stack
D.A. Fishman

Contents

Part I Chemoprevention, Staging, and Novel Therapeutic Targets

- 1 Chemoprevention of Ovarian Cancer** 3
Anna Hoekstra and Gustavo C. Rodriguez
- 2 Staging and Surgical Treatment.** 35
Mario M. Leitao Jr., and Richard R. Barakat
- 3 Novel Therapeutic Targets** 63
John Farley and Michael J. Birrer
- 4 Biomarker Targets and Novel Therapeutics** 85
Mary Clouser, Lisa M. Hess, and Setsuko K. Chambers

Part II Tumorigenesis and Biomarkers

- 5 Tumor Suppressor Genes** 109
Zhen Lu and Robert C. Bast, Jr.
- 6 Epigenetics and Ovarian Cancer** 131
Kenneth P. Nephew, Curt Balch, Shu Zhang,
and Tim H-M. Huang
- 7 Aberrant Epithelial Differentiation in Ovarian Cancer.** 147
Elizabeth R. Smith, Kathy Qi Cai, Callinice D. Capo-chichi,
and Xiang-Xi Xu
- 8 The Human Kallikrein Gene Family: New Biomarkers for Ovarian
Cancer** 165
George M. Yousef and Eleftherios P. Diamandis

9 Soluble Epidermal Growth Factor Receptor: A Biomarker of Epithelial Ovarian Cancer 189
 Andre T. Baron, Jacqueline M. Lafky, Cecelia H. Boardman,
 Elsa M. Cora, Marites C. Buenafe, Dachao Liu,
 Alfred Rademaker, David A. Fishman, Karl C. Podratz,
 Jill L. Reiter, and Nita J. Maihle

10 Activated Epidermal Growth Factor Receptor in Ovarian Cancer 203
 Laurie G. Hudson, Reema Zeineldin, Melina Silberberg,
 and M. Sharon Stack

Part III Tumor Progression, Metastasis, Research Models

11 Ras-Superfamily GTP-ases in Ovarian Cancer 229
 Kwai Wa Cheng, Roshan Agarwal, and Gordon B. Mills

12 Lipid Generation and Signaling in Ovarian Cancer 241
 Yan Xu, Dongmei Wang, and Zeneng Wang

13 Lysophosphatidic Acid and Invasion 269
 Fengqiang Wang and David A. Fishman

14 Cell Adhesion in Ovarian Cancer 297
 Wafic M. ElMasri, Giovanna Casagrande, Ebony Hoskins,
 Daniel Kimm, and Elise C. Kohn

15 Microenvironmental Regulation of Ovarian Cancer Metastasis 319
 Maria V. Barbolina, Natalie M. Moss, Suzanne D. Westfall,
 Yueying Liu, Rebecca J. Burkhalter, Francoise Marga,
 Gabor Forgacs, Laurie G. Hudson, and M. Sharon Stack

16 Organotypic Models of Metastasis: A Three-dimensional Culture Mimicking the Human Peritoneum and Omentum for the Study of the Early Steps of Ovarian Cancer Metastasis 335
 Hilary A. Kenny, Songuel Dogan, Marion Zillhardt,
 Anirban K. Mitra, S. Diane Yamada, Thomas Krausz,
 and Ernst Lengyel

17 Animal Models of Ovarian Cancer 353
 Denise C. Connolly

Index 393

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