
Contents

Preface	vii
Contributors	xi
Color Plates	xiii
I INTRODUCTION	
1 The Cell Cycle and the Molecular Biology of Cancer	3
<i>Giuseppina D'Andrilli, Alessandro Bovicelli, and Antonio Giordano</i>	
II OVARIAN CANCER	
2 Ovarian Serous Carcinogenesis: A Proposed Model	17
<i>Ie-Ming Shih and Robert J. Kurman</i>	
3 Molecular Markers in Epithelial Ovarian Cancer	29
<i>Pat J. Morin</i>	
III ENDOMETRIAL CANCER	
4 Introduction to Endometrial Cancer	51
<i>Richard J. Zaino</i>	
5 Endometrial Carcinogenesis: <i>An Integrated, Molecular, Histological,</i> <i>and Functional Model of a Dualistic Disease</i>	73
<i>George L. Mutter</i>	
6 Endometrial Carcinoma—Molecular Genetic Aspects	91
<i>Lora Hedrick Ellenson</i>	
IV CERVICAL CANCER	
7 Natural History of HPV Infection in Adolescents and Relationship to Cervical Cancer	103
<i>Anna-Barbara Moscicki</i>	
8 Molecular Genetics of Cervical Cancer	113
<i>Valeria Masciullo and Antonio Giordano</i>	
9 Prevention and Treatment of Cervical Cancer by Vaccination	125
<i>Hannah H. Alphas, T-C Wu, and Richard B. S. Roden</i>	
V GESTATIONAL TROPHOBLASTIC DISEASE	
10 Pathogenesis of Gestational Trophoblastic Lesions	157
<i>Ie-Ming Shih and Robert J. Kurman</i>	
VI HEREDITARY ISSUES IN GYNECOLOGICAL CANCER	
11 Hereditary Issues in Ovarian Cancer	169
<i>Christina S. Chu and Stephen C. Rubin</i>	

12	Hereditary Factors in Endometrial Cancer	195
	<i>Henry T. Lynch, Murray Joseph Casey, Joseph A. Knezetic, Trudy G. Shaw, Jane F. Lynch, and Chhanda Bewtra</i>	
VII	THE MULTIDISCIPLINARY THERAPEUTIC APPROACH TO GYNECOLOGICAL CANCER IN THE NEW MILLENIUM	
13	The Holistic Approach to Female Cancer Patients	219
	<i>Alessandro Bovicelli, Pier Paolo Claudio, and Antonio Giordano</i>	
Index	223