

# TABLE OF CONTENTS

List of Contributors .....	vii
Preface .....	xi
Manel Esteller	
Chapter 1 .....	1
<b>How CpG Island Hypermethylation Leads to Cancer Dissemination: The Sounds of Silence for Tumor and Metastasis Suppressor Genes</b>	
Manel Esteller	
Chapter 2 .....	9
<b>A Mouse Skin Multistage Carcinogenesis Model that Unmasks Epigenetic Lesions Responsible for Metastasis</b>	
Mario F. Fraga & Manel Esteller	
Chapter 3 .....	27
<b>CpG Island Hypermethylation and Lung Cancer Invasion and Metastasis</b>	
Ubaradka G. Sathyanarayana & Adi F. Gazdar	
Chapter 4 .....	45
<b>CpG Island Hypermethylation Changes during Prostate Cancer Progression and Metastasis</b>	
Srinivasan Yegnasubramanian & William G. Nelson	
Chapter 5 .....	81
<b>CpG Island Hypermethylation in Breast Cancer Progression and Metastasis</b>	

Paola Parrella

Chapter 6 .....	133
<b>Epigenetic Dysregulation of Maspin (SerpinB5) in Cancer Invasion and Metastasis</b>	
Bernard W. Futscher & Frederick E. Domann	
Chapter 7 .....	157
<b>Epigenetic Regulation of the E-cadherin Cell-Cell Adhesion Gene</b>	
Héctor Peinado & Amparo Cano	
Chapter 8 .....	191
<b>Epigenetic Disruption of the SLIT-ROBO Interactions in Human Cancer</b>	
Ashraf Dallol, Rachel E. Dickinson & Farida Latif	
Chapter 9 .....	215
<b>Molecular Mechanisms of the Metastasis-Associated Gene Family of Coregulators: Role in Cancer and Invasion</b>	
Seetharaman Balasenthil & Rakesh Kumar	
Chapter 10 .....	231
<b>The Molecular Mechanisms for Breast Cancer Metastasis Suppressor 1 Action in Cancer Metastasis</b>	
Rajeev S. Samant & Lalita A. Shevde	
Chapter 11 .....	243
<b>Mechanisms of DNA Demethylating Drugs against Cancer Progression</b>	
Zunyan Dai, Kavitha Kosuri & Gregory A. Otterson	
Chapter 12 .....	269
<b>Histone Deacetylase Inhibitors: Novel Targeted Anti- Cancer Agents</b>	
Paul Marks & William Kevin Kelly	
Index .....	307