

Table of Contents

List of Figures	vii
Foreword.....	xi
Preface	xiii
Contributing Authors	xv
Acknowledgments.....	xxi

Part I

Introduction	1
<i>Dennis A. Wigle and Igor Jurisica</i>	

Part II

Bio-Medical Platforms	15
<i>Ming Tsao</i>	

<i>In Vivo</i> Systems for Studying Cancer	25
<i>Dennis A. Wigle, Jiang Liu, and Michael Johnston</i>	

Molecular Subtypes of Cancer from Gene Expression Profiling	45
<i>Dennis A. Wigle and Igor Jurisica</i>	

Mass Spectrometry-based Systems Biology	59
<i>Thomas Kislinger</i>	

Part III

Computational Platforms.....	85
<i>Bill Wong and Igor Jurisica</i>	

Informatics	87
<i>Bill Wong</i>	

Integrative Computational Biology	129
<i>Igor Jurisica</i>	

Part IV

Future Steps and Challenges	147
<i>Igor Jurisica and Dennis A. Wigle</i>	

Glossary.....	151
References	159
Index	179

Cancer Informatics in the Post Genomic Era

Toward Information-Based Medicine

Jurisica, I.; Wigle, D.A.; Wong, B. (Eds.)

2007, XX, 180 p. 30 illus., 20 illus. in color., Hardcover

ISBN: 978-0-387-69320-0