

Contents

General Pathology

CHAPTER 1	The Cell as a Unit of Health and Disease <i>Richard N. Mitchell</i>	I
CHAPTER 2	Cellular Responses to Stress and Toxic Insults: Adaptation, Injury, and Death	31
CHAPTER 3	Inflammation and Repair	69
CHAPTER 4	Hemodynamic Disorders, Thromboembolic Disease, and Shock	113
CHAPTER 5	Genetic Disorders	137
CHAPTER 6	Diseases of the Immune System	185
CHAPTER 7	Neoplasia	265
CHAPTER 8	Infectious Diseases <i>Alexander J. McAdam • Danny A. Milner • Arlene H. Sharpe</i>	341
CHAPTER 9	Environmental and Nutritional Diseases	403
CHAPTER 10	Diseases of Infancy and Childhood <i>Anirban Maitra</i>	451

Systemic Pathology: Diseases of Organ Systems

CHAPTER 11	Blood Vessels <i>Richard N. Mitchell</i>	483
CHAPTER 12	The Heart <i>Frederick J. Schoen • Richard N. Mitchell</i>	523
CHAPTER 13	Diseases of White Blood Cells, Lymph Nodes, Spleen, and Thymus	579
CHAPTER 14	Red Blood Cell and Bleeding Disorders	629
CHAPTER 15	The Lung <i>Aliya N. Husain</i>	669

Contents

CHAPTER 16	Head and Neck	727
	<i>Mark W. Lingen</i>	
CHAPTER 17	The Gastrointestinal Tract	749
	<i>Jerrold R. Turner</i>	
CHAPTER 18	Liver and Gallbladder	821
	<i>Neil D. Theise</i>	
CHAPTER 19	The Pancreas	883
	<i>Ralph H. Hruban • Christine A. Iacobuzio-Donahue</i>	
CHAPTER 20	The Kidney	897
	<i>Charles E. Alpers • Anthony Chang</i>	
CHAPTER 21	The Lower Urinary Tract and Male Genital System	859
	<i>Jonathan I. Epstein • Tamara L. Lotan</i>	
CHAPTER 22	The Female Genital Tract	991
	<i>Lora Hedrick Ellenson • Edyta C. Pirog</i>	
CHAPTER 23	The Breast	1043
	<i>Susan C. Lester</i>	
CHAPTER 24	The Endocrine System	1073
	<i>Anirban Maitra</i>	
CHAPTER 25	The Skin	1141
	<i>Alexander J.F. Lazar • George F. Murphy</i>	
CHAPTER 26	Bones, Joints, and Soft Tissue Tumors	1179
	<i>Andrew Horvai</i>	
CHAPTER 27	Peripheral Nerves and Skeletal Muscles	1227
	<i>Peter Pytel • Douglas C. Anthony</i>	
CHAPTER 28	The Central Nervous System	1251
	<i>Matthew P. Frosch • Douglas C. Anthony • Umberto De Girolami</i>	
CHAPTER 29	The Eye	1319
	<i>Robert Folberg</i>	
	Index	1345