



# TABLE OF CONTENTS

<b>CHAPTER 1:</b> <b>Cell Injury</b> 1	<b>CHAPTER 12:</b> <b>The Respiratory System</b> 483
<i>David S. Strayer, Emanuel Rubin</i>	<i>Mary Beth Beasley, William D. Travis, Emanuel Rubin</i>
<b>CHAPTER 2:</b> <b>Inflammation</b> 37	<b>CHAPTER 13:</b> <b>The Gastrointestinal Tract</b> 549
<i>Hildegard S. Murphy</i>	<i>Frank A. Mitros, Emanuel Rubin</i>
<b>CHAPTER 3:</b> <b>Repair, Regeneration, and Fibrosis</b> 71	<b>CHAPTER 14:</b> <b>The Liver and Biliary System</b> 617
<i>Gregory C. Sephel, Stephen C. Woodward</i>	<i>Raphael Rubin, Emanuel Rubin</i>
<b>CHAPTER 4:</b> <b>Immunopathology</b> 99	<b>CHAPTER 15:</b> <b>The Pancreas</b> 675
<i>Jeffrey S. Warren, Douglas P. Bennett, Roger J. Pomerantz</i>	<i>Gregory Y. Lauwers, Mari Mino-Kenudson, Raphael Rubin</i>
<b>CHAPTER 5:</b> <b>Neoplasia</b> 137	<b>CHAPTER 16:</b> <b>The Kidney</b> 691
<i>Antonio Giordano, Giulia De Falco, Emanuel Rubin, Raphael Rubin</i>	<i>J. Charles Jennette</i>
<b>CHAPTER 6:</b> <b>Developmental and Genetic Diseases</b> 177	<b>CHAPTER 17:</b> <b>The Lower Urinary Tract and Male Reproductive System</b> 745
<i>Anthony A. Killeen, Emanuel Rubin, David S. Strayer</i>	<i>Ivan Damjanov</i>
<b>CHAPTER 7:</b> <b>Hemodynamic Disorders</b> 229	<b>CHAPTER 18:</b> <b>The Female Reproductive System</b> 781
<i>Bruce M. McManus, Michael F. Allard, Robert Yanagawa</i>	<i>Stanley J. Robboy, Maria J. Merino, George L Mutter</i>
<b>CHAPTER 8:</b> <b>Environmental and Nutritional Pathology</b> 253	<b>CHAPTER 19:</b> <b>The Breast</b> 841
<i>David S. Strayer, Emanuel Rubin</i>	<i>Ann D. Thor, Adeboye O. Osunkoya</i>
<b>CHAPTER 9:</b> <b>Infectious and Parasitic Diseases</b> 285	<b>CHAPTER 20:</b> <b>Hematopathology</b> 857
<i>David A. Schwartz, Robert M. Genta, Douglas P. Bennett, Roger J. Pomerantz</i>	<i>Roland Schwarting, Steven McKenzie, Raphael Rubin</i>
<b>CHAPTER 10:</b> <b>Blood Vessels</b> 387	<b>CHAPTER 21:</b> <b>The Endocrine System</b> 933
<i>Barrett E. Gotlieb</i>	<i>Maria Merino, Martha Quezado, Emanuel Rubin, Raphael Rubin</i>
<b>CHAPTER 11:</b> <b>The Heart</b> 427	<b>CHAPTER 22:</b> <b>Obesity, Diabetes Mellitus, Metabolic Syndrome</b> 975
<i>Jeffrey E. Saffitz</i>	<i>Barry J. Goldstein, Serge Jabbour, Kevin Furlong</i>

**CHAPTER 23:**  
**The Amyloidoses 989**  
Robert Kisilevsky

**CHAPTER 24:**  
**The Skin 999**  
Craig A. Storm, David E. Elder

**CHAPTER 25:**  
**The Head and Neck 1057**  
Bruce M. Wenig

**CHAPTER 26:**  
**Bones and Joints 1083**  
Benjamin L. Hoch, Michael J. Klein, Alan L. Schiller

**CHAPTER 27:**  
**Skeletal Muscle 1153**  
Lawrence C. Kenyon, Mark T. Curtis

**CHAPTER 28:**  
**The Nervous System 1171**  
John Q. Trojanowski, Lawrence Kenyon, Thomas W. Bouldin

**CHAPTER 29:**  
**The Eye 1247**  
Gordon K. Klintworth

**CHAPTER 30:**  
**Cytopathology 1267**  
Hormoz Ehya, Marluce Bibbo

**Figure Acknowledgments 1277**

**Index 1279**