

CONTENTS

CHAPTER 1	
THE NORMAL AND THE ADAPTED CELL	1
CHAPTER 2	
CELL INJURY AND CELL DEATH.....	22
CHAPTER 3	
INFLAMMATION AND REPAIR.....	55
Inflammation	55
Healing and Repair	90
CHAPTER 4	
FLUID AND HEMODYNAMIC DERANGEMENTS	107
CHAPTER 5	
NEOPLASIA	141
CHAPTER 6	
CLINICAL ASPECTS OF NEOPLASIA.....	188
CHAPTER 7	
GENETIC DISORDERS.....	213
CHAPTER 8	
DISEASES OF IMMUNITY	262
Basic Immunology.....	262
<i>Vinay Kumar, M.D.</i>	
Disorders of the Immune System.....	279
CHAPTER 9	
SYSTEMIC DISEASES	327
CHAPTER 10	
INFECTIOUS DISEASES	374

CHAPTER 11	
NUTRITIONAL DISEASE.....	483
<i>Joseph J. Vitale, M.D., Sc.D.</i>	
CHAPTER 12	
ENVIRONMENTAL PATHOLOGY.....	521
CHAPTER 13	
DISEASES OF INFANCY AND CHILDHOOD.....	561
CHAPTER 14	
BLOOD VESSELS.....	593
CHAPTER 15	
THE HEART.....	643
CHAPTER 16	
BLOOD AND BONE MARROW.....	712
CHAPTER 17	
LYMPH NODES AND SPLEEN.....	757
Lymph Nodes.....	757
Spleen.....	803
CHAPTER 18	
THE RESPIRATORY SYSTEM.....	814
Lung.....	814
Pleura.....	875
Larynx.....	879
Nasal Cavities and Accessory Air Sinuses.....	882
CHAPTER 19	
THE ORAL CAVITY, JAWS, AND SALIVARY GLANDS.....	886
<i>Gerald Shklar, D.D.S., M.D.</i>	
CHAPTER 20	
THE GASTROINTESTINAL TRACT.....	918
Esophagus.....	918
Stomach.....	928
Small Intestine.....	953
Colon.....	976
Appendix.....	999
Peritoneum.....	1003

CHAPTER 21	
THE LIVER AND BILIARY TRACT	1009
<i>Michael J. O'Brien, M.R.C. Path., and</i>	
<i>Leonard S. Gottlieb, M.D., M.P.H.</i>	
Liver	1009
The Biliary System	1071
CHAPTER 22	
THE PANCREAS	1092
CHAPTER 23	
THE KIDNEY	1115
CHAPTER 24	
THE LOWER URINARY TRACT	1186
Ureters	1186
Bladder	1190
Urethra	1207
CHAPTER 25	
MALE GENITAL SYSTEM	1210
Penis	1210
Testis and Epididymis	1216
Prostate	1230
CHAPTER 26	
FEMALE GENITAL TRACT	1241
Vulva	1245
Vagina	1252
Cervix	1254
Body of the Uterus and Endometrium	1264
Fallopian Tubes	1277
Ovaries	1279
Placental Diseases	1294
CHAPTER 27	
THE BREAST	1305
CHAPTER 28	
THE ENDOCRINE SYSTEM	1336
Pituitary Gland	1336
Thyroid Gland	1350
Parathyroid Glands	1379
Adrenal Cortex	1387
Adrenal Medulla	1402
Thymus	1407
Pineal Gland	1412

CONTENTS

CHAPTER 29
THE SKIN..... 1417
Theodore H. Kwan, M.D., and Martin C. Mihm, Jr., M.D.

CHAPTER 30
THE MUSCULOSKELETAL SYSTEM..... 1462
Skeletal Muscle 1462
Bones 1477
Joints and Related Structures..... 1513

CHAPTER 31
THE NERVOUS SYSTEM..... 1530
William C. Schoene, M.D.

Index..... 1599