

CONTENTS

PART I THE CELL

- 1. Cell structure and function..... 2
- 2. Cell cycle and replication..... 33

PART II BASIC TISSUE TYPES

- 3. Blood, haematopoiesis and bone marrow..... 46
- 4. Supporting/connective tissues 65
- 5. Epithelial tissues 82
- 6. Muscle 101
- 7. Nervous tissues 122

PART III ORGAN SYSTEMS

- 8. Circulatory system 144
- 9. Skin 159
- 10. Skeletal tissues 180
- 11. Immune system..... 197

- 12. Respiratory system 224
- 13. Oral tissues 241
- 14. Gastrointestinal tract..... 253
- 15. Liver and pancreas 278
- 16. Urinary system 294
- 17. Endocrine system 320
- 18. Male reproductive system..... 339
- 19. Female reproductive system..... 353
- 20. Central nervous system 386
- 21. Special sense organs..... 404

PART IV APPENDICES

- Appendix 1: Introduction to microscopy..... 432
- Appendix 2: Notes on staining techniques 437
- Appendix 3: Glossary of terms..... 445
- Index..... 447