**Coursebook Animal Physiology**

1. Homeostasis and Integration: The Foundations of Physiology
2. Cellular and Molecular Physiology
3. Membrane Physiology
4. Neuronal Physiology
5. Nervous Systems
6. Sensory Physiology
7. Endocrine Systems
8. Circulatory Systems
9. Defense Systems
10. Respiratory Systems
11. Excretory Systems
12. Fluid and Acid–Base Balance
13. Digestive Systems
14. Energy Balance and Thermal Physiology
15. Reproductive Systems