

1. Record Nr.	UNINA9910782787903321
Autore	Rastogi S.C
Titolo	Essentials of Animal Physiology [[electronic resource]]
Pubbl/distr/stampa	New Delhi, : New Age International Pvt. Ltd., Publishers, 2007
ISBN	81-224-2430-9
Edizione	[4th ed.]
Descrizione fisica	1 online resource (597 p.)
Disciplina	616.07
Soggetti	Pathology -- Programmed Instruction Physiology, Pathological -- Textbooks Physiology Human Anatomy & Physiology Health & Biological Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover; Preface to the Fourth Edition; Preface to the First Edition; Contents; Chapter 1. Cell Structure and Function; Chapter 2. Foodstuffs; Chapter 3. Biological Oxidations; Chapter 4. Enzymes-The Biological Catalysts; Chapter 5. Animal Calorimetry; Chapter 6. Metabolism; Chapter 7. Digestion and Absorption; Chapter 8. Water Relations and Ionic Regulations; Chapter 9. Membrane Physiology; Chapter 10. Temperature Regulation; Chapter 11. Body Fluids; Chapter 12. Circulation of Blood; Chapter 13. Respiration; Chapter 14. Excretion; Chapter 15. Nerve Physiology; Chapter 16. Sensory Mechanisms Chapter 17. Nervous Coordination Chapter 18. Effector Organs; Chapter 19. Hormonal Regulation; Chapter 20. Reproduction; Chapter 21. The Genetic Code and Protein Synthesis; Chapter 22. Physiologic Disorders; Chapter 23. Physiological Genetics; Chapter 24. Immune System; Chapter 25. Physiology of Aging; Self Assessment Questions (SAQs); Review Questions; Bibliography; Index
Sommario/riassunto	This comprehensive, fully updated text describes the essential concepts of animal physiology and related biochemistry for students of biology and related disciplines. In terms of presentation and contents, the book offers relevant fundamentals of physiology and animal behaviour under

diverse conditions. The text will certainly satisfy the needs of students of biology, home science and animal husbandry. Key Features Covers physiology of organ systems of animals, including human and mammalian physiology. Surveys functional specialisation of organisms and their survival ability under environ
