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Titolo	The laboratory rat [[electronic resource] /] / edited by Mark A. Suckow, Steven H. Weisbroth, Craig L. Franklin
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Collana	American College of Laboratory Animal Medicine series
Altri autori (Persone)	SuckowMark A WeisbrothSteven H FranklinCraig L
Disciplina	616/.02733
Soggetti	Rats as laboratory animals Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di contenuto	Front cover; Title page; Copyright page; Table of contents; List of Contributors; Preface; Foreword; List of Reviewers for Chapters in This Volume; 1. Historical Foundations; I. ORIGIN OF THE LABORATORY RAT; A. Earliest Records; B. Earliest Experiments; II. THE WISTAR INSTITUTE; A. Background; B. Milton J. Greenman; C. Henry H. Donaldson; D. Contributions of Donaldson's Colleagues; E. The Wistar Rat Colony; F. Wistar under Edmund Farris; G. The Modern Era at Wistar; III. BEHAVIORAL RESEARCH; A. Doctoral Students at Clark University; B. Watson and Meyer; IV. NUTRITION AND BIOCHEMISTRY A. McCollum and the McCollum-Pratt InstituteB. Osborne and Mendel; C. Henry C. Sherman; V. ENDOCRINOLOGY AND REPRODUCTIVE PHYSIOLOGY; A. Long and Evans; B. Evans and The Institute of Experimental Biology; VI. GENETICS; A. Castle and The Bussey Institution of Harvard; B. Castle's Second Career; VII. CANCER RESEARCH INSTITUTES; A. The Crocker Institute of Cancer Research; B. The Detroit Institute for Cancer Research; C. The University of Miami and Papanicolaou Cancer Research Institute; VIII. OTHER STOCKS OF RATS; A. Sprague-Dawley; B. Albany Strain

C. Hunt's Caries-Susceptible and Caries-Resistant Strains
D. The Oldest Rat Stock and the PAR/Lou Strain; IX. GENEALOGY OF MAJOR RAT STOCKS AND STRAINS; X. GNOTOBIOLOGY: RATS WITHOUT MICROFLORA; A. Gustafsson at the University of Lund; B. Reyniers and The Lobund Institute; XI. SECURING THE FOUNDATIONS; A. Funding: Role of The National Institutes of Health; B. Health: Eliminating Pathogens and Nutrients as Variables; C. Genetics: Repositories and Standards; D. Information: Dissemination and Exchange; XII. EPILOGUE; ACKNOWLEDGMENTS; REFERENCES; 2. Ethical and Legal Perspectives; I. INTRODUCTION
II. ETHICAL CONSIDERATIONS
A. The Principles of Reduction, Replacement, and Refinement; B. Ethical Concepts and Legal Implementation; III. ENVIRONMENTAL ENRICHMENT FOR LABORATORY RATS; A. Contributions of Russell and Burch; B. Enrichment Goals; C. Testing Methods; D. Cage Size, Design and Flooring; E. Bedding, Nesting Material and Nest Boxes; F. Inanimate Objects (Toys and Tubes); G. Single versus Group Housing; IV. LEGAL AND REGULATORY ISSUES; A. U.S. Legislation, Policies, and Guidelines Governing Laboratory Rats; B. Reduction of Regulatory Burden in Laboratory Animal Welfare
C. U.S. Animal Welfare Act (1966-1990)
D. USDA Regulations Related to Rats, Mice and Birds; REFERENCES; 3. Taxonomy and Stocks and Strains; I. INTRODUCTION; II. TAXONOMY AND GEOGRAPHICAL DISTRIBUTION; III. ADAPTATION TO THE LABORATORY; IV. STOCKS AND STRAINS OF LABORATORY RATS; A. Outbred Stocks; B. Inbred Strains; V. NOMENCLATURE; A. Nomenclature Rules for Outbred Stocks; B. Nomenclature Rules for Inbred Strains; VI. SUMMARY; REFERENCES; 4. Morphophysiology; I. INTRODUCTION; II. GENERAL APPEARANCE; A. Head and Body; B. External Reproductive Genitalia; C. Skeletal Structure; D. Musculature
E. Superficial Glands of the Head and Neck

Sommario/riassunto

This second edition features updated information on a variety of topics including: rat genetics and genomics, both spontaneous and induced disease; state-of-the-art technology for housing and husbandry; occupational health, and experimental models. A premier source of information on the laboratory rat that will be of interest to veterinary and medical students, senior graduate, graduate students, post-docs and researchers who utilize animals in biomedical research.* At least 50% new information than first edition * Includes topics on rat genetics and genomics, occupational health,

2. Record Nr.	UNICASRML0232786
Titolo	BOLLETTINO mensile di statistica / Istituto Centrale di Statistica
Pubbl/distr/stampa	Roama, : ISTAT, 1985 -
Descrizione fisica	v. ; 28 cm
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3. Record Nr.	UNIORUON00492344
Titolo	Filosofia e storia della cultura : studi in onore di Fulvio Tessitore / a cura di Giuseppe Cacciatore, Maurizio Martirano, Edoardo Massimilla
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