Record Nr. UNINA9910458460903321 The laboratory rat [[electronic resource] /] / edited by Mark A. Suckow, **Titolo** Steven H. Weisbroth, Craig L. Franklin Amsterdam;; Boston,: Elsevier, c2006 Pubbl/distr/stampa **ISBN** 1-280-62843-X 9786610628438 0-08-045432-1 Edizione [2nd ed.] Descrizione fisica 1 online resource (929 p.) 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 Monografia Livello bibliografico Note generali Includes bibliographical references and index. 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.

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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,