1. Record Nr. UNINA9910877803103321 Autore Soreq H **Titolo** Stress - from molecules to behavior : a comprehensive analysis of the neurobiology of stress responses / / edited by Hermona Soreg, Alon Friedman and Daniela Kaufer Weinheim,: Wiley-VCH, c2010 Pubbl/distr/stampa **ISBN** 1-282-33155-8 9786612331558 3-527-62834-7 3-527-62835-5 Descrizione fisica 1 online resource (398 p.) Altri autori (Persone) FriedmanAlon KauferDaniela Disciplina 571.9 Soggetti Stress (Physiology) - Molecular aspects Pathology, Cellular Neurobiology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Stress - From Molecules to Behavior: Contents: Preface: List of Contributors; Part I: Systems; 1: On the Role of Stress in Evolution; 1.1 Introduction; 1.2 Stress Through the Gene's Eye: the Evolution of Stress-Induced Genetic Mixing: 1.2.1 Stress-Induced Recombination: 1.2.1.1 Classic Models of the Evolution of Recombination: 1.2.1.2 The Evolution of Stress-Induced Recombination; 1.2.1.3 Evidence for Stress-Induced Recombination: 1.2.2 Stress and Sex; 1.2.3 Stress and Outcrossing: 1.2.4 Stress and Dispersal: 1.3 The Effect of Stress-Induced Variation on the Evolvability of Complex Traits 1.4 Stress-Induced Variation and Pathogen Evolution1.5 Stress-Induced Mortality; Summary; References; 2: Catecholamines and Stress; 2.1 Rapid Stress-Triggered Changes in Catecholamines; 2.2

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Sommario/riassunto

This title comprehensively covers the molecular basis of stress responses of the nervous system, providing a unique and fundamental insight into the molecular, physiological and behavioral basis of the stress response of a whole organism. Edited by leading experts in the field and summarizing the latest research advances in this area, this ready reference is an invaluable resource for clinicians dealing with stress-related disorders, biomedical researchers working in the field as well as for pharmacology and biotech companies.

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