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Collana	Current Topics in Behavioral Neurosciences, , 1866-3370 ; ; 18
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Soggetti	Neurochemistry Psychiatry Neurobiology
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Preface -- Effects of stress on the immune system -- Effects of stress on the hypothalamic-pituitary-adrenal axis -- Effects of stress on neurogenesis and neuroplasticity -- Effects of stress on neurotransmitter systems -- Effects of stress on neuropeptides (CRH, AVP) -- Effects of stress on cognition and emotional processing -- Effects of in utero (prenatal and perinatal) and early postnatal stress -- Stress and depression.- Stress and posttraumatic stress disorder -- Stress and other anxiety disorders -- Stress, schizophrenia and bipolar disorder.- Stress, substance abuse and addiction -- Stress, dementia and age-related cognitive decline.- Resilience to stress. .
Sommario/riassunto	Stress is such an over-used word that it is at time difficult to define its core features. When is an environment stressful? What does a stressful environment do to the brain and to the body? What are the biological mechanisms by which a stressor affects us? How does stress contributes to the onset and the progression of mental disorders? How do the effects of stress change over the life-time of an individual? These are just some of the overarching questions addressed by this book, thanks to the contribution of some of the world leading experts on the neurobiology of stress at the pre-clinical and clinical levels. Topics include current advances on the neurobiology of stress on

various neurobiological systems such as immune, hypothalamic-pituitary-adrenal (HPA) axis, neurogenesis and neuroplasticity, neurotransmitter (glutamate, noradrenaline, dopamine, serotonin and endocannabinoid), neuropeptides, cognition and emotional processing as well as in utero and early postnatal effects. The clinical chapters deal with the relationship of stress and mental disorders such as depression, posttraumatic stress disorder (PTSD), anxiety disorders, schizophrenia, bipolar disorder, substance abuse and addiction, dementia and age-related cognitive decline as well as resilience to stress. Thus, this book brings together some of the most updated and authoritative views on the effects of stress of brain and behavior.

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