Record Nr. UNINA9910791833203321 **Titolo** Antidepressants [[electronic resource]]: types, efficiency and possible side effects / / Jayden T. Van Leeuwen, editor Pubbl/distr/stampa New York,: Nova Science Publishers, c2010 **ISBN** 1-61761-664-8 Descrizione fisica 1 online resource (250 p.) Collana Depression--causes, diagnosis and treatment Altri autori (Persone) Van LeeuwenJayden T Disciplina 616.85/27061 Soggetti **Antidepressants** Antidepressants - Side effects Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. ""ANTIDEPRESSANTS: TYPES, EFFICIENCY AND POSSIBLE SIDE EFFECTS""; Nota di contenuto ""ANTIDEPRESSANTS: TYPES, EFFICIENCY AND POSSIBLE SIDE EFFECTS""; ""CONTENTS ""; ""PREFACE ""; ""NEUROPLASTICITY: A NEW APPROACH TO TREATMENT OF DEPRESSION""; ""ABSTRACT ""; ""GENERAL CONCEPTS AND INFORMATION ABOUT CENTRAL NERVOUS SYSTEM""; ""Neuron and its Structure ""; ""Concept of Synapse and Neurochemical Transmission "": ""Neurotransmitters and Gene Regulation "": "Principal Neuroanatomical Regions in the Central Nervous System with Functional Importance"" ""MENTAL DISEASES, THE CONTRIBUTION OF STRESS AND HIPPOCAMPAL DISORDERS"""Hippocampus: Neuroanatomy, Histology and Hippocampal Neural Pathways ""; ""Hippocampal Functions""; ""DEPRESSION AND NEUROBIOLOGY OF DEPRESSION "": ""Noradrenergic System ""; ""Serotonergic System""; ""Mood ""; ""Hallucinations and Behavioral Changes""; ""Modulation of Sleep and Arousal""; ""Nociception"": ""Modulation of Eating and Drinking Behavior"": ""Other""; ""Monoamine Hypothesis of Depression""; ""Is The Monoamine Hypothesis Alone Sufficient to Explain Depression?""; ""Neuroplasticity Hypothesis"" ""NEUROPLASTICITY """"What is Neuroplasticity?""; ""Association between Stress and Depression ""; ""Synaptic Plasticity, Stress and the Effects of Antidepressant""; ""Breakage of Dendrites Due to Stress and

the Effects of Antidepressants""; ""Stress, Hippocampal Volume and the

Effects of Antidepressants ""; ""Stress, Brain Metabolites and the Effects of Antidepressants""; ""Stress, Hippocampal Neurogenesis and the Effects of Antidepressants": ""Stress, Hippocampal Apoptosis and the Effects of Antidepressant""; ""Stress, Postsynaptic Potential Changes and the Effects of Antidepressant"" ""Contribution of Glutamate in Stress Induced Neuroplasticity and the Effects of Antidepressants on Glutamatergic System"""Stress. Neurotrophic Factors and the Effects of Antidepressants""; ""Stress, Hippocampal Gene Expression and the Effects of Antidepressants": ""CONCLUSION ""; ""ACKNOWLEDGMENT ""; ""REFERENCES ""; ""ANTIDEPRESSANT THERAPY AND THE RISK OF SUICIDE AMONG PATIENTS WITH MAJOR DEPRESSIVE DISORDERS"": ""ABSTRACT "": ""INTRODUCTION ""; ""ANTIDEPRESSANTS""; ""DATA FROM ECOLOGICAL STUDIES ""; ""DATA FROM COHORT AND CASE-CONTROL STUDIES""; ""RANDOMIZED CONTROLLED TRIALS (RCTS) "" ""ANTIDEPRESSANTS AND THE REDUCTION OF SUICIDE IN REPEATERS""" IMPLICATIONS OF THE INCREASING PRESCRIBING OF SSRIS ON SUICIDE IN DIFFERENT COUNTRIES""; ""ADVERSE EFFECT OF ANTIDEPRESSANTS AND SUICIDE MORTALITY ""; ""CONCLUSION ""; ""REFERENCES ""; ""MONITORING OF ANTIDEPRESSANT THERAPY BY USING HEART RATE VARIABILITY""; ""ABSTRACT ""; ""1. INTRODUCTION - NEW OPPORTUNITIES FOR ESTIMATION OF CARDIOVASCULAR SIDE EFFECTS IN ANTIDEPRESSANT THERAPY ""; ""2. SIDE EFFECTS OF ANTIDEPRESSANT DRUGS a€? SEVERE IMPAIRMENT IN OVERDOSE "" ""3. DEPRESSION, ANTIDEPRESSANT THERAPY AND AUTONOMIC NERVOUS SYSTEM - ASSOCIATION WITH CARDIAC DISORDERS ""