1. Record Nr. UNINA9910797822103321 **Titolo** Endocannabinoids / / edited by Loren Parsons, Matthew Hill Amsterdam:,: Elsevier Science,, 2015 Pubbl/distr/stampa **ISBN** 0-12-801278-1 0-12-801376-1 Edizione [First edition.] Descrizione fisica 1 online resource (368 p.) Collana International review of neurobiology, , 0074-7742;; volume one hundred and twenty-five Soggetti Cannabinoids Cannabinoids - Receptors Cannabinoids - Physiological effect 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. Nota di contenuto Front Cover; Endocannabinoids; Copyright; Contents; Contributors; Preface: Chapter One: The Endocannabinoid Signaling System in the CNS: A Primer; 1. Introduction; 2. The Endocannabinoids; 2.1. Definitions; 2.2. Mechanisms of AEA Biosynthesis; 2.2.1. Precursor Synthesis; 2.2.2. NAPE Conversion to NAE: NAPE-PLD; 2.2.3. NAPE Conversion to NAE: Multienzyme Pathways; 2.2.4. AEA Synthesis from AA; 2.2.5. Summary; 2.3. Mechanisms of AEA Hydrolysis; 2.3.1. Fatty Acid Amide Hydrolase: 2.3.2. NAE-Hydrolyzing Acid Amidase: A Peripheral AEA Hydrolase; 2.4. Mechanisms of 2-AG Biosynthesis 2.4.1. Diacylglycerol Lipase2.4.2. Mechanisms of DAG Synthesis; 2.5. Mechanisms of 2-AG Catabolism; 2.5.1. Monoacylglycerol Lipase; 2.5.2. Other Enzymes that Hydrolyze 2-AG in the Brain; 2.5.3. Contribution of 2-AG to AA Concentrations; 2.6. Other Inactivation

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