

1. Record Nr.	UNINA9910984648003321
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Titolo	Applications of Neurochemistry
Pubbl/distr/stampa	Burlington : , : Arcler Education Inc, , 2024 ©2024
ISBN	9781774699782 1774699788
Edizione	[1st ed.]
Descrizione fisica	1 online resource (283 pages)
Soggetti	Neurochemistry Neurobiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cover -- HalfTitle Page -- Title Page -- Copyright Page -- About the Editor -- Table of Contents -- List of Figures -- List of Tables -- List of Abbreviations -- Preface -- Chapter 1: Introduction to Neurochemistry and Neural Functions -- 1.1. Introduction -- 1.2. Building Blocks of the Nervous System -- 1.3. Channelopathies and Excitable Cell Membranes -- 1.4. Neurotransmitters (NTS) and Neuropeptides -- 1.5. Variables that Have an Impact on Neurochemistry -- References -- Chapter 2: Neurochemistry and Neurochemical Systems -- 2.1. Introduction -- 2.2. Neuromodulation and Neurotransmission -- 2.3. The Evolution of Neurochemical Systems -- 2.4. Neurochemical Systems: Structure and Function -- 2.5. Conclusion -- References -- Chapter 3: Architecture and Neurochemistry of the Central Complex -- 3.1. Introduction -- 3.2. Neuronal Classes and Neuroarchitecture Behavior -- 3.3. Development of the Central Complex -- 3.4. Neuroactive Substances and Neuroarchitecture -- 3.5. Biochemical Profiling of Central Complicated Lineages -- 3.6. Lineage Topology Translates Into Neuroarchitecture -- References -- Chapter 4: Neurochemistry and the Fundamentals of Neurotransmitters -- 4.1. Introduction -- 4.2. The Neuron and The Synapse -- 4.3. What is A Neurotransmitter (NT)? -- 4.4. Categories of Neurotransmitters (NTS) -- 4.5. Neurotransmitter (NT) Biosynthesis and

Storage -- 4.6. Release of Neurotransmitters (NT) -- 4.7. Receptors for Neurotransmitters (NTS) -- 4.8. Inactivation of Neurotransmitters (NTS) -- 4.9. Neurotransmitter (NT) Pathways -- 4.10. Drugs Influencing Neurotransmitters (NTS), and their Receptors, in the Nervous System -- 4.11. Can Nutrients Modify Neurotransmitter (NT) Levels and Behavior? -- 4.12. Divisions of the Nervous System -- 4.13. The Somatic Nervous System -- 4.14. The Autonomic Nervous System (ANS). 4.15. The Enteric Nervous System (ENS) -- 4.16. Central Regulation of the Autonomic Nervous System (ANS) -- References -- Chapter 5: Neurochemistry of Neuropeptides and Psychopharmaceuticals -- 5.1. Introduction -- 5.2. Neuropeptides -- 5.3. Classification of Neuropeptide -- 5.4. Secretion of Neuropeptide -- 5.5. Receptors for Neuropeptide -- 5.6. Psychopharmaceuticals -- 5.7. Selective Serotonin Reuptake Inhibitors (ssris) -- 5.8. Serotonin-norepinephrine Reuptake Inhibitor (SNRI) -- 5.9. Summary -- References -- Chapter 6: Neurochemical Communication in Endocannabinoids -- 6.1. Introduction -- 6.2. The Endocannabinoid System -- 6.3. New And Extraordinary Neurotransmitters (NTS) -- 6.4. Depolarization-induced Suppression of Inhibition (DSI) -- 6.5. Hippocampal DSI -- 6.6. Dsi in Glomerular Pathways of the Olfactory Bulb -- References -- Chapter 7: Behavioral Neurochemistry -- 7.1. Introduction -- 7.2. Fundamental Procedures -- 7.3. Push-pull Perfusion and Cerebrospinal Fluid (CSF) Withdrawal -- References -- Chapter 8: Clinical Applications of Neurochemistry and Neurostimulation -- 8.1. Introduction -- 8.2. Applications of Closed-loop Neurostimulation In Neurosurgery -- 8.3. Challenges and Innovations of Closed-loop Dbs Systems -- References -- Index -- Back Cover.

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### Sommario/riassunto

The book delves into the scientific study of neurochemistry, exploring the roles of chemicals in the development and functioning of the nervous system. It covers key topics such as intracellular signaling, neural processing, growth and development, and neurological disorders. The text offers detailed reviews of these subjects, aiming to enhance the knowledge base of neurochemists and medical professionals. It traces the historical evolution of neurochemical studies from the 18th century to modern advancements, including significant breakthroughs like the L-DOPA experiment. The book is intended for students and professionals in neurobiology and neurochemistry, providing foundational knowledge and insight into cutting-edge applications and potential treatments for neurological conditions.

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