Record Nr.	UNINA9910461729703321
Titolo	Horizons in neuroscience research [[electronic resource]]. Volume 1 / / Andres Costa and Eugenio Villalba, editors
Pubbl/distr/stampa	Hauppauge, NY, : Nova Science Publishers, c2010
ISBN	1-61324-996-9
Descrizione fisica	1 online resource (452 p.)
Collana	Horizons in neuroscience research ; ; v. 1
Altri autori (Persone)	CostaAndres VillalbaEugenio
Disciplina	612.8
Soggetti	Neurosciences
	Nervous system Electronic books.
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	""HORIZONS IN NEUROSCIENCE RESEARCH, VOLUME 1""; ""CONTENTS""; ""PREFACE""; ""NERVOUS, IMMUNE, ENDOCRINE REGULATORY SYSTEMS AND DISEASES ASSOCIATED WITH NERVE GROWTH FACTOR COSECRETION""; ""SUMMARY""; ""ABBREVIATIONS""; ""INTRODUCTION""; ""1. NERVE GROWTH FACTOR, ITS RECEPTORS AND THE SIGNALING MECHANISMS""; ""1.1. The Characteristics of Nerve Growth Factor""; ""1.2. Nerve Growth Factor Receptors""; ""1.2.1. Tyrosin Kinase (TrkA) Receptor""; ""1.2.2. P75ntr Receptor""; ""1.3. Nerve Growth Factor Receptor Signaling Mechanisms""; ""1.3.1. Tyrosine Kinase Receptor A Signaling" ""1.3.2. Cell Signaling Via P75ntr Receptor"""1.3.3. Transactivation Between the Nerve Growth Factor-Bound Tyrosine Kinase A and the G Protein-Coupled Adenosine or Adrenergic Receptor Signalings""; ""1.3.3.1. Transactivation Between the Tyrosine Kinase A and Adrenergic Receptors""; ""1.3.3.2. Transactivation Between the TrkA and Adenosine A2 Receptors""; ""REFERENCES""; ""2. CELLS SECRETING NERVE GROWTH FACTOR AND THEIR TISSUE LOCALIZATION""; ""2.1. Neuronal Tissues"; ""2.2. Nonneuronal Tissues"; ""2.2.1. Bone Marrow""; ""2.2.2. Lung Tissues""; ""2.2.3. Adipose Tissues"" ""2.2.4. Orbital Tissues"""2.2.5 Endocrine Tissues""; ""2.2.5.1. Adrenal Glands""; ""2.2.5.2.Pituitary Gland""; ""2.2.5.3.Thyroid Glands"";

1.

""REFERENCES""; ""3. NERVE GROWTH FACTOR IN INFLAMMATORY, ALLERGIC AND AUTOIMMUNE PROCESSES""; ""3.1. Nerve Growth Factor Modulates the Inflammatory Responses Via Prostaglandins""; ""3.1.1. Nerve Growth Factor Associates with the Inflammatory Pain""; ""3.2. Nerve Growth Factor in Allergic Diseases""; ""3.2.1. Characterization of the Allergic Responses""; ""3.2.2. The Sensory Neuronal Innervation and Nerve Growth Factor in Allergy""

""3.2.3. Nerve Growth Factor is Involved in the Allergic Inflammation Associated with Fibrosis"""3.3. Relationship Between Nerve Growth Factor and Apoptosis""; ""3.4. Nerve Growth Factor in the Autoimmune Diseases""; ""3.4.1. Suppressor Regulatory T Cells in the Autoimmune Diseases""; ""3.4.2. Neurogenic Inflammation""; ""3.4.2.1. Nerve Growth Factor Regulatory Role in the Autoimmune Diseases""; ""3.5. Nerve Growth Factor Involvement in the Stress""; ""3.5.1. Stress Induced Endocrine Alterations""; ""3.5.2. The Relationship Between the Stress Induced Endocrine and Cytokine Processes""

""3.5.3. Nerve Growth Factor During Stress Links to the Endocrine and Immune Networks"""3.5.4. The Network Between the Stress Induced Inflammation and the Actions of the Nerve Growth Factor. The Neurogenic Pain""; ""3.6 Nerve Growth Factor Exerts an Effect Towards the Direction of T Helper 2 Dominance"; ""3.6.1 The Effects of Stress, Glucocorticoids, Norepinephrines and CRH on the Direction Towards Th2 Dominance"; ""3.6.2 The Immunocompetent Cells Express Glucocorticoid and Catecholamine Receptors""

""3.6.3 The Th1 Apoptosis-Susceptibility and the Th2 Apoptosis-Resistance Mediated by NGF""