1. Record Nr. UNINA9910220760003321

Titolo	Studi musicali / / Accademia nazionale di Santa Cecilia, Roma
Pubbl/distr/stampa	Firenze, : Leo S. Olschki
ISSN	2037-6413
Disciplina	780/.5
Soggetti	Musicology Music Muziek
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

2. Record Nr. UNINA9910349465703321

Titolo	Advancement in the Pathophysiology of Cerebral Stroke / / edited by Ranjana Patnaik, Amit Kumar Tripathi, Ashish Dwivedi
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-1453-5 981-13-1452-7
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (VIII, 189 p. 23 illus., 12 illus. in color.)
Disciplina	612
Soggetti	Human physiology Neurosciences Cytology Stress (Physiology) Radiology Stem cells Nanotechnology Human Physiology Neuroscience Cellular Stress Stem Cell Biology

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Cerebral stroke: An Introduction -- Chapter 2. Inflammation, oxidative stress, and neurodegeneration -- Chapter 3. Stroke induced blood brain barrier damage -- Chapter 4. Regulation of calcium ions in ischemic neuronal cell -- Chapter 5. Ischemic stroke induced endoplasmic reticulum stress -- Chapter 6. The role of autophagy in ischemic stroke: friend or foe?- Chapter 7. Critical role of mitochondrial autophagy in cerebral stroke -- Chapter 8. Application of neuroimaging in the identification of the pinpoint location of blockage -- Chapter 9. Emerging role of the electromagnetic field in stroke -- Chapter 10. Stemcell therapies for stroke -- Chapter 11. MicroRNA: Significance tostrokediagnosis, prognosis, and therapy -- Chapter 12. Therapeutic Aspects of Nanomedicines in Stroke Treatment -- Chapter 13. Neuroprotective potential of small molecule phytochemicals against stroke -- Chapter 14. Role of UV irradiation on neuroprotective potential of phytochemicals -- Chapter 15. Post-stroke treatment strategies, management, and rehabilitation.
Sommario/riassunto	This book provides detailed and comprehensive mechanistic insights of the various risk factors that lead to the ischemic stroke and the novel therapeutic interventions against it. The first section discusses the different ischemic cerebral stroke-induced inflammatory pathways and dysfunctionality of blood-brain barrier. The later sections of the book deals with the role of endoplasmic reticulum stress and mitophagy in cerebral stroke and introduces the different neuroimaging techniques such as Computed tomography (CT), Magnetic resonance imaging (MRI), Positron emission tomography (PET) and Single-Photon emission computed tomography (SPECT) that are used to identify the arterial blockages. The final section comprises of chapters that focus on various neuroprotective strategies and emerging therapeutic interventions for combating stroke pathophysiology. The chapters cover the role of stem cell therapy, the therapeutic effect of low-frequency electromagnetic radiations (LF-EMR), and implications of non-coding RNAs such as micro-RNAs as the biomarkers for diagnosis, prognosis, and therapy in ischemic stroke.