

1. Record Nr.	UNINA9910919821903321
Titolo	Nutrition and Stroke : Current State and Future Perspectives // edited by Wael Mohamed, Mohd Basri Mat-Nor
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819768189 9819768187
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (350 pages)
Collana	Nutritional Neurosciences, , 2730-6720
Disciplina	616.810654
Soggetti	Medical sciences Nutrition Ecology Epidemiology Genetics Biochemical markers Health Sciences Ecological Epidemiology Biomarkers
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	PART-I Understanding Stroke -- Chapter 1. Stroke Epidemiology -- Chapter 2. Understanding pathophysiological Changes of Stroke: Genetic and Racial factors for stroke -- Chapter 3. Experimental Models of Stroke: Seeing the Unseen -- Chapter 4. Biomarkers and Diagnosis of Stroke -- Chapter 5. Stroke Prevention and Treatment: current state and Perspective -- Chapter 6. Paediatric/Adolescent Stroke -- Chapter 7. Diabetes Mellitus and Stroke -- Chapter 8. Hypertension/Hyperlipidaemia and Stroke..Bibliometric -- PART-II Nutritional Intervention of Stroke -- Chapter 9. Choline, Homocysteine, Creatine, Branched-Chain Amino Acids and Stroke -- Chapter 10. Ketogenic Diet and Stroke -- Chapter 11. Macronutrients, Micronutrients, Trace elements, Magnesium and Stroke -- Chapter 12. Nutrigenomic and Stroke -- Chapter 13. Pharmacognosy, Antioxidants,

natural products and Stroke -- Chapter 14. Enteral Access and Dysphagia in Stroke -- Chapter 15. Ethical guidelines for nutritional management of Stroke -- Chapter 16. Nutritional intervention in Clinical Practice Guidelines for Stroke.

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**Sommario/riassunto**

This book provides a thorough examination of the correlation between nutrition and stroke. It delves into the interplay between nutrition and brain functions, neurogenesis, and cognitive functions. Additionally, it investigates how various types of nutrition relate to stroke. Moreover, it discusses recent progress in recognizing the significant therapeutic role of different nutrients in addressing stroke. Finally, it offers an overview of nutrients as neuroprotective agents and outlines the fundamental principles of nutrigenomics.

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