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Titolo	Stroke Revisited: Pathophysiology of Stroke [[electronic resource]] : From Bench to Bedside / / edited by Seung-Hoon Lee
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
ISBN	981-10-1430-2
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (xiii, 291 pages) : illustrations
Collana	Stroke Revisited, , 2522-5588
Disciplina	616.8
Soggetti	Neurology Neurology Malalties cerebrovasculares Fisiologia patològica Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Introduction on stroke pathophysiology -- 2. Clinical aspect: large artery atherothrombosis -- 3. Clinical aspect: small vessel disease -- 4. Clinical aspect: cardioembolism -- 5. Clinical aspect: pathophysiology of specific causes -- 6. Brain hemodynamics -- 7. Basic aspect: cerebral vessel degeneration -- 8. Basic aspect: cell death -- 9. Basic aspect: neurorepair after stroke.
Sommario/riassunto	This book presents state of the art knowledge on stroke pathophysiology, covering both basic and clinical aspects in detail. Readers will find up-to-date information on hemodynamics, cerebral vessel degeneration, cell death, and neurorepair. The mechanisms and clinical manifestations of large artery atherosclerosis, small vessel disease, and cardioembolism are extensively discussed, and the relation between specific conditions and stroke is explored. The book has a unique organizational style, with inclusion of historic experimental and clinical study results. The numerous photos and illustrations will facilitate understanding of practical aspects and rapid retrieval of fundamental information. As comprehension of stroke pathophysiology has deepened, a variety of drugs for stroke treatment have been developed and tested, and in recent years much research has

focused on neurorestorative therapy using stem cells. It therefore seems timely to bring together within one volume the most important current knowledge on stroke pathophysiology. The book will be invaluable for stroke physicians, surgeons, and students alike.
