

1. Record Nr.	UNINA990001316100403321
Autore	Herrmann, Manfred
Titolo	Equimultiplicity and blowing up : An algebraic study / Manfred Herrmann, Shin Ikeda, Ulrich Orbanz ; with an appendix by B. Moonen
Pubbl/distr/stampa	Berlin [etc.] : Springer-Verlag, 1988
ISBN	3-540-15289-X
Descrizione fisica	XVII, 629 p. : ill., 25 cm
Disciplina	512.4
Locazione	MA1
Collocazione	120-L-26
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	With 11 Figures.

2. Record Nr.	UNINA9910999693803321
Autore	Watanabe Teruo
Titolo	Atherosclerosis : Pathology, Pathogenesis, and Clinical Significance // by Teruo Watanabe, Jianglin Fan
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9636-75-2
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XXII, 392 p. 158 illus., 147 illus. in color.)
Disciplina	616.07
Soggetti	Pathology Diseases - Causes and theories of causation Cardiology Internal medicine Pathogenesis Internal Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Atherosclerosis is a Global No.1 Killer -- Chapter 2. Fatty Streaks: Initial (or Precursor) Lesions of Atherosclerosis -- Chapter 3. Atheroma and Its Complicated Lesions -- Chapter 4. Origin of the Foam Cell: The Leading Actor of Inflammation Hypothesis of Atherosclerosis -- Chapter 5. Origin of the Foam Cell: The Leading Actor of Inflammation Hypothesis of Atherosclerosis -- Chapter 6. Cholesterol and Its Carriers – Lipoproteins -- Chapter 7. Foam Cells: Mechanisms of Cholesterol Uptake, Storage, and Extracellular Release, and Their Pathophysiological Significance -- Chapter 8. Cell Death in Atherosclerosis: Apoptosis? or Necrosis? or more? -- Chapter 9. Macrophages as Phagocytes in Atherosclerosis: Heterophagy and Autophagy -- Chapter 10. Vascular Dendritic Cells: Their Roles in Atherosclerosis -- Chapter 11. Vascular Endothelial Cells and Atherosclerosis -- Chapter 12. Development of Initial Lesions and Their Progression to Atheroma -- Chapter 13. The Process of Atheroma Growth, Vulnerability, and Rupture -- Chapter 14. Familial Hypercholesterolemia -- Chapter 15. Cholesterol Embolism -- Chapter 16. Pathology of Acute Coronary Syndromes -- Chapter 17. Aortic

Aneurysm and Acute Aortic Syndromes -- Chapter 18. Renovascular Hypertension and Related Conditions -- Chapter 19. Peripheral Arterial Disease of the Lower Extremities -- Chapter 20. Experimental Animal Models for the Study of Atherosclerosis.

Sommario/riassunto

This book covers all aspects of atherosclerosis from human pathology to experimental studies, from basic science to clinical applications. It comprises 20 chapters including human pathology of human atherosclerosis, cellular biology of atherosclerosis (endothelial cells, smooth muscle cells, monocyte/macrophages, dendritic cells and so on), molecular biology of lipid metabolism and hyperlipidemia, pathophysiology of acute coronary syndrome, plaque vulnerability and plaque rupture, aortic aneurysms, peripheral atherosclerosis. The chapters begin with the history of atherosclerosis followed by different "hypotheses" regarding atherosclerosis. Through these introductions, readers can learn the state-of-the-art information from human pathological observations to basic research, from experimental animal studies to clinical practice. The book includes more than 100 color pictures along with schematic illustrations. An effort has been made to show real pathological observations with clinical implications side by side. This book not only helps researchers and clinicians understand the molecular basis of atherosclerosis, but also guides them to explore the unknown questions based on the experience of the authors. It also serves as a useful reference for medical students interested in learning about cardiovascular diseases or those planning to participate in atherosclerosis research.
