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Sommario/riassunto

Nitric Oxide: Biology and Pathobiology, Third Edition, provides information on nitric oxide, a signaling molecule of key importance for the cardiovascular system that regulates blood pressure and blood flow to different organs. With recent links to the role of nitric oxide in the expression of healthy benefits of controlled diet and aerobic exercise, and the reactions of nitric oxide that can impact cell signaling, this book provides a comprehensive resource during a time when increased research attention is being paid across the fields of pharmacology, biochemistry, cell and molecular biology, chemistry, immunology, neurobiology, immunology, nutrition sciences, drug development and the clinical management of both acute and chronic diseases.- Includes perspectives from Jack Lancaster on the discovery of EDRF and nitric oxide- Provides detailed coverage of the new gaseous signaling agents- Features expanded coverage on the principles of biology, including nitric oxide synthases, nitrite and nitrate biology and pathobiology, and signaling mechanisms- Incorporates expanded pathobiology coverage, including nitric oxide and cardiovascular function, obesity, diabetes, and erectile function/dysfunction
