

1. Record Nr.	UNINA9910229360503321
Titolo	Bulletin de l'O.I.V. // Office International de la vigne et du vin
Pubbl/distr/stampa	Paris, : Office international de la vigne et du vin, 1928-2004
ISSN	2546-9479
Descrizione fisica	1 online resource
Disciplina	634.8
Soggetti	Viticulture Wine and wine making VITICULTURE ECONOMIC ASPECTS LEGAL ASPECTS Periodicals.
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Some issues accompanied by supplement.

2. Record Nr.	UNINA9910438113703321
Autore	Thiriet Marc
Titolo	Intracellular signaling mediators in the circulatory and ventilatory systems // Marc Thiriet
Pubbl/distr/stampa	New York, : Springer, 2013
ISBN	1-283-64030-9 1-4614-4370-9
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (1070 p.)
Collana	Biomathematical and biomechanical modeling of the circulatory and ventilatory systems, , 2193-1682 ; ; v. 4
Disciplina	571.74
Soggetti	Cellular signal transduction Cellular control mechanisms Cardiovascular system Cardiopulmonary system Respiratory organs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction -- 2. Signaling Lipids -- 3. Preamble to Cytoplasmic Protein Kinases -- 4. Cytoplasmic Protein Tyrosine Kinases -- 5. Cytoplasmic Protein Serine/Threonine Kinases -- 6. Dual-Specificity Protein Kinases -- 7. Mitogen-Activated Protein Kinase Module -- 8. Dual-Specificity Protein Kinases -- 9. Guanosine Triphosphatases and Their Regulators -- 10. Other Major Types of Signaling Mediators -- 11. Signaling Pathways -- 12. Conclusion -- References -- List of Currently Used Prefixes and Suffixes -- List of Aliases.-Complementary Lists of Notations -- Index.
Sommario/riassunto	The volumes in this authoritative series present a multidisciplinary approach to modeling and simulation of flows in the cardiovascular and ventilatory systems, especially multiscale modeling and coupled simulations. The cardiovascular and respiratory systems are tightly coupled, as their primary function is to supply oxygen to and remove carbon dioxide from the body's cells. Because physiological conduits have deformable and reactive walls, macroscopic flow behavior and prediction must be coupled to phenomenological models of nano- and

microscopic events in a corrector scheme of regulated mechanisms when the vessel lumen caliber varies markedly. Therefore, investigation of flows of blood and air in physiological conduits requires an understanding of the biology, chemistry, and physics of these systems together with the mathematical tools to describe their functioning. Volume 4 is devoted to major sets of intracellular mediators that transmit signals upon stimulation of cell-surface receptors. Activation of signaling effectors triggers the release of substances stored in cellular organelles and/or gene transcription and protein synthesis. Complex stages of cell signaling can be studied using proper mathematical models, once the role of each component is carefully handled. Volume 4 also reviews various categories of cytosolic and/or nuclear mediators and illustrates some major signal transduction pathways, such as NFkappaB axis, oxygen sensing, and mechanotransduction. Reviews signaling pathways in the regulation of circulatory and respiratory function Describes ion and molecular carriers and receptors Integrates biology, chemistry, and physics for a multidisciplinary understanding of physiological flows.
