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| 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<br>Wine and wine making<br>VITICULTURE<br>ECONOMIC ASPECTS<br>LEGAL ASPECTS<br>Periodicals. |
| Lingua di pubblicazione | Francese  |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Periodico   |
| Note generali           | Some issues accompanied by supplement.  |

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| 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<br>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<br>Cellular control mechanisms<br>Cardiovascular system<br>Cardiopulmonary system<br>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 NF $\kappa$ B 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.

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