Record Nr. UNINA9910253925003321 Oxygen Transport to Tissue XXXIX [[electronic resource] /] / edited by **Titolo** Howard J. Halpern, Joseph C. LaManna, David K. Harrison, Boris Epel Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2017 **ISBN** 3-319-55231-7 Edizione [1st ed. 2017.] Descrizione fisica 1 online resource (435 pages) Advances in Experimental Medicine and Biology, , 0065-2598;; 977 Collana Disciplina 616.2 Soggetti Medicine Biomedicine, general Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references at the end of each chapters and index. Nota di contenuto Part I Cell Metabolism, Tissue Oxygenation and Treatment -- 1. Oxygen Sensing by the Carotid Body: Past and Present -- 2. Predicted Decrease in Membrane Oxygen Permeability with Addition of Cholesterol -- 3. Chronic Diseases as Barriers to Oxygen Delivery-A Unifying Hypothesis of Tissue Reoxygenation Therapy -- 4. Dorsiflexor Muscle Oxygenation during Low, Moderate and Submaximal Sustained Isometric Contraction -- 5. Factors Determining the Oxygen Permeability of Biological Membranes: Oxygen Transport across Eye Lens Fiber-cell Plasma Membranes -- 6. Multi-site Measurements of Muscle O2 Dynamics during Cycling Exercise in Early Post-Myocardial Infarction -- 7. Effects of 8 Weeks' Training on Systemic and Muscle Oxygen Dynamics in University Rugby Players -- 8. Imaging Redox State in Mouse Muscles of Different Ages -- 9. Amino Acid Hydration Decreases Radiation-Induced Nausea in Mice: A Pica Model -- 10. Evaluation of Haemoglobin and Cytochrome Responses during Forearm

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