

1. Record Nr.	UNINA9910787331403321
Titolo	Extracellular vesicles in health and disease // edited by Paul Harrison, Christopher Gardiner, Ian L. Sargent
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press : , : Pan Stanford Publishing, , [2014] ©2014
ISBN	0-429-06801-8 981-4411-98-1
Descrizione fisica	1 online resource (474 p.)
Disciplina	574.874
Soggetti	Coated vesicles Cell interaction - Research
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.
Nota di contenuto	Front Cover; Contents; Preface; Chapter 1 Overview of Extracellular Vesicles in Health and Disease; Chapter 2 The Biogenesis of Exosomes; Chapter 3 Extracellular Vesicle- Mediated Epigenetic Reprogramming of Cells; Chapter 4 An Overview of Novel and Conventional Methods to Detect Extracellular Vesicles; Chapter 5 Preamplification Variables; Chapter 6 Procoagulant Assays; Chapter 7 Capture- Based Assays for Extracellular Vesicles within the Blood; Chapter 8 Flow Cytometry; Chapter 9 Atomic Force Microscopy Measurement of Extracellular Vesicles Derived from Plasma Chapter 10 Light- Scattering Methods to Characterize Extracellular Vesicles Chapter 11 Nanoparticle Tracking Analysis; Chapter 12 Extracellular Vesicle Proteomic Analysis; Chapter 13 Microvesicles and Exosomes in Cancer; Chapter 14 Extracellular Vesicles and Tissue Factor; Chapter 15 Extracellular Vesicles in Normal Pregnancy and Pre-Eclampsia; Chapter 16 Extracellular Vesicles in Cardiovascular Disease; Chapter 17 Extracellular Vesicles in Immunology; Back Cover
Sommario/riassunto	Interest in the role of extracellular vesicles (microvesicles and exosomes) is expanding rapidly. It is now apparent that far from being merely cellular debris, these vesicles play a key role in cell-to-cell communication and signaling. Moreover, they are significantly elevated

in a number of diseases. This raises the question of their direct role in pathogenesis as well as their possible use as biomarkers. This book stems from the first international meeting on "Microvesicles and Nanovesicles in Health and Disease" held at Magdalen College, Oxford, in 2010. The purpose of t
