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Titolo	Stem Cell-Derived Exosomes and Microvesicles : Clinical Applications / / edited by Phuc Van Pham, Sharmila Fagoonee
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Collana	Stem Cells in Clinical Applications, , 2365-4201
Altri autori (Persone)	FagooneeSharmila
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Nota di contenuto	An overview of extracellular vesicles -- Isolation of exosomes from cell culture supernatants -- Quality control of extracellular vesicles derived from stem cells for clinical applications -- Preservation of Extracellular Vesicles -- Manufacturing and Quality Control of Mesenchymal Stem Cell-Derived Exosomes for Clinical Application -- New advances in stem cell-derived extracellular vesicle functionalization technology -- Mesenchymal stem cells derived extracellular vesicles in therapeutic applications -- Potentiality of stem cell-derived extracellular vesicles in the setting of metabolic-dysfunction associated steatotic liver disease (MASLD) -- Current applications of endothelial progenitor cells derived extracellular vesicles: from animals to bedside.
Sommario/riassunto	This book is an essential resource on the technologies and applications of exosomes and extracellular microvesicles derived from stem cells. Divided into three parts, the book covers the biology of stem cell-derived extracellular vesicles; isolation, characterization, and manufacture of exosomes and extracellular vesicles from stem cells; and exosomes and extracellular vesicle therapy. Taken as a whole,

readers will learn how exosomes and extracellular vesicles are produced for clinical use. This is an ideal book for clinical researchers, cell and stem cell scientists, corporate leaders, and scientific entrepreneurs, as well as undergraduate and graduate students studying medicine, the biological sciences, and biotechnology. .