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Nota di contenuto	Bioprocessing for cell based therapies -- Structured methodology for process development in scalable stirred tank bioreactors platforms -- The effect of scale-up on cell phenotype : compatibility testing to optimize bioreactor usage and manufacturing strategies -- The scale-up of human mesenchymal stem cell expansion and recovery -- Challenges of scale-up of cell separation and purification techniques -- Fundamental points to consider in the cryopreservation and shipment of cells for human application -- Short-term storage of cells for application in cell-based therapies -- Cell therapy in practice.