



Adult Stem Cell Therapies: Alternatives to Plasticity [

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Life sciences Cell biology Stem cells Regenerative medicine Tissue engineering Life Sciences Stem Cells Regenerative Medicine/Tissue Engineering Cell Biology

Monografía

This timely volume explores various techniques for tissue and organ regeneration using stem cells isolated from adult tissues. It discusses alternative explanations of stem cell plasticity as well as current clinical results with adult stem cell therapies. It examines the presence of potential pluripotent stem cells in adult tissues, paracrine effects of stem cell therapies, and involvement of exosomes and microparticles into observed phenomena. Fifteen chapters, all written by noted leaders of their fields, focus on a variety of topics including cord blood and hematopoietic stem cells, skin and tissue organ regeneration, very small embryonic-like stem cells, and cell therapies in cardiology, neonatology, and neurology. Edited by Dr. Mariusz Ratajczak, an internationally known specialist in adult stem cell biology, *Adult Stem Cell Therapies: Alternatives to Plasticity* is an important addition to the Stem Cell Biology and Regenerative Medicine series

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