Progenitor and stem cells have the ability to renew themselves and change into a variety of specialised types, making them ideal materials for therapy and regenerative medicine. *Progenitor and stem cell technologies and therapies* reviews the range of progenitor and stem cells available and their therapeutic application.

Part I reviews basic principles for the culture of stem cells before discussing technologies for particular cell types. These include human embryonic, induced pluripotent, amniotic and placental, cord and multipotent stem cells. Part II discusses wider issues such as intellectual property, regulation and commercialisation of stem cell technologies and therapies. The final part considers the therapeutic use of stem and progenitor cells. Chapters review the use of adipose tissue-derived stem cells, umbilical cord blood (UCB) stem cells, bone marrow, auditory and oral cavity stem cells. Other chapters cover the use of stem cells in therapies in various clinical areas, including lung, cartilage, urologic, nerve and cardiac repair.

With its distinguished editor and international team of contributors, *Progenitor and stem cell technologies and therapies* will be a standard reference tool for both those researching in cell and tissue biology and engineering as well as medical practitioners investigating the therapeutic use of this important technology.

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Woodhead Publishing Limited
80 High Street, Sawston
Cambridge CB22 3HJ
UK

ISBN 978-1-84569-984-0

Woodhead Publishing
1518 Walnut Street 1100
Philadelphia, PA 19102
USA

www.woodheadpublishing.com
www.woodheadpublishingonline.com

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