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Nota di contenuto	Part 1. Pancreas Regeneration -- Chapter 1. Stem cell transplantation in type I and type II diabetes mellitus -- Chapter 2. Stem cell therapy for type I diabetes mellitus -- Chapter 3. New trends in stem cell transplantation in diabetes mellitus type I and type II -- Chapter 4. New advances in stem cell therapy for diabetes mellitus -- Chapter 5. Therapeutic Potential of Mesenchymal Stem Cells and miRNAs in Diabetes -- Chapter 6. Novel biomarkers at risk stratification of diabetes mellitus patients -- Part 2. Kidney Regeneration -- Chapter 7. Role of endothelial progenitor cells in kidney repair -- Chapter 8. Stem cell transplantation for kidney diseases -- Part 3. Skin Regeneration -- Chapter 9. Use of Stem Cells in Acute and Complex Wounds -- Chapter 10. Wound treatment by stem cells -- Chapter 11. Stem cell therapy for ischemic heart disease -- Chapter 11. Adipose derived stem cells for wound healing: an update -- Chapter 12. Adipose tissue derived stem cells in regenerative medicine and plastic surgery: perspective from personal practice -- Chapter 13. Stem cell applications in rejuvenation.

Sommario/riassunto

This invaluable resource discusses clinical applications with effects and side-effects of applications of stem cells in diabetes, kidney and wound treatment. All chapters are contributed by pre-eminent scientists in the field and covers such topics as stem cells and cell therapy in the treatment of diabetes mellitus, kidney failure, wound and other skin aging diseases, characteristics of some kinds of stem/progenitor cells for therapy, future directions of the discussed therapies and much more. Pancreas, Kidney and Skin Regeneration and the other books in the Stem Cells in Clinical Applications series will be invaluable to scientists, researchers, advanced students and clinicians working in stem cells, regenerative medicine or tissue engineering.
