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Altri autori (Persone)	HoAnthony HassR <1955-> (Rainer) ChamplinRichard
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Nota di contenuto	Preface; Contents; Contributors; Thrombopoietin; Preclinical Biology and Potential Clinical Utility of flt3 Ligand; Stem Cell Factor; Cytokine Modulation of Hematopoietic Stem Cell Phenotype; Homing and Self-Renewal of Hematopoietic Stem Cells; Requirements for Hematopoietic Stem Cell Engraftment and Graft Engineering; Ins and Outs of Hematopoietic Stem Cells; Cell Signaling by Adhesion Receptors in Normal and Leukemic Hematopoiesis; Detection of Infrequent Cells in Blood and Bone Marrow by Flow Cytometry; Human/Sheep Hematopoietic Chimeras; Canine Models for Transplantation and Gene Therapy Murine Model of In Utero TransplantationCD34 Selection Using Immunomagnetic Beads; Autologous and Allogeneic Transplantation with Blood CD34+ Cells; Using Allogeneic Graft Engineering to Improve Long-Term Survival; Detection and Significance of Minimal Residual Disease from Solid Tumor Malignancies in Stem Cell Autografts; Stem Cell Isolation with Immunomagnetic Beads and Tumor Cell Contamination; CD34 Cell Culture; Critical Parameters Influencing the

Expansion and Differentiation of Cultured Human CD34+ Cells;  
Mobilization of Peripheral Blood Stem Cells from Normal Donors  
Innovative Approaches for Allogeneic Blood and Marrow  
Transplantation for Treatment of Hematological Malignancies  
Peripheral Blood Stem Cells for Allogeneic Transplantation; Mechanisms of Cure of  
Acute Myeloid Leukemia with Allogeneic Transplantation; Late  
Complications of Hematopoietic Stem Cell Transplantation; Prevention  
of Acute Graft-Versus-Host Disease by Delayed or Selected Lymphocyte  
Add Back; Blood Stem Cell Versus Bone Marrow Transplantation;  
Autologous Peripheral Blood Stem Cell Collection and Engraftment;  
Stem Cell Transplantation for Hodgkin's Disease  
Stem Cell Transplantation for Multiple Myeloma-10 Years Later  
High-Dose Therapy for Primary and Metastatic Breast Cancer; Gene Therapy  
Using Hematopoietic Stem Cells; Gene Therapy for Human  
Immunodeficiency Virus Infection Using Stem Cell Transplantation;  
Autografting Followed by Low-Intensity Conditioning Regimen for  
Allografting; Development of Retroviral Vectors that Target  
Hematopoietic Stem Cells; Index

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Sommario/riassunto

This book integrates recent advances in molecular and cell biology of hematopoietic stem cells (HSC) with developments in clinical research in stem cell-based therapy-providing an up-to-date review of novel cytokines and cellular components; animal models; cell preparation, selection, and collection; minimal residual disease and purging; expansion of progenitor cells; allogeneic and autologous transplantation; cellular gene and immunotherapy; and more.  
<BR>Examines key areas for treatment with HSC, including ambulatory care and monitoring, regimen-related toxicities, immunodeficiency and immun

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