Presenting the third edition of the definitive reference on the clinical practice and underlying science of hematopoietic stem cell transplantation.

With the addition of five new editors, this edition has been totally revised and updated through 2003. In one hundred and twenty-four chapters (of which 18 are new to this edition) all aspects of autologous, syngeneic and allogeneic transplantation are covered as well as transplantation for each specific disease, transplant-related complications, organ-specific complications, laboratory aspects and an in-depth coverage of developing areas in this rapidly evolving field.

This is an essential reference for all bone marrow transplant physicians, hematologists, and oncologists.

Features

- Current through 2003
- 15 sections, 124 chapters and over 170 internationally-recognized experts provide the most comprehensive and authoritative reference in the field.
- Comprehensive coverage of the current clinical practice of hematopoietic stem cell transplantation for malignant and non-malignant diseases
- Comprehensive coverage of the hematologic and immunologic science underlying hematopoietic stem cell transplantation

New to this edition

- 18 new chapters including:
  - Adult stem cell plasticity
  - Embryonic stem cells in the field of hematopoietic stem cells and immune cell therapy
  - Mesenchymal stem cells and hematopoietic stem cell
  - Hematopoietic stem cell homing and the marrow microenvironment
  - Biology of reduced intensity conditioning
  - Antigen-specific T cells in cancer immunotherapy
  - NK-T cells: biology and clinical applications
  - Pathophysiologically based strategies to improve reconstitution of thymopoiesis after hematopoietic stem cell transplantation
  - Role of natural killer cell alloreactivity in hematopoietic stem cell transplantation
  - Impact of GTPs and GMPs
  - Donor Management
  - Therapeutic drug monitoring in hematopoietic stem cell transplant recipients
  - Autologous hematopoietic stem cell transplantation for myelodysplasia
  - Autologous hematopoietic stem cell transplantation for poor-risk sarcomas
  - Post-transplant lymphoproliferative disease
  - Allogeneic hematopoietic stem cell transplantation for solid tumors
  - Hematopoietic chimerism after allogeneic stem cell transplantation
  - Hematopoietic stem cell transplantation for HIV infection

- 5 new editors
Reviews of previous editions

‘...a lively, robust, authoritative, and encyclopedic text on everything you could ever want to know about bone marrow ... The book is a masterpiece.’

Bloodline

'The strength of this work lies in its capacity to provide information in two formats: extended textual discussions of the background ... in clinical and basic science research and brief, practical tables summarizing patient care.'

New England Journal of Medicine

For further details of this book, and related titles please visit: www.cambridge.org/haem-onc
104. Histopathology of hematopoietic stem cell transplantation Andrew Field, Andrienne Morey, Stephen Rainer, Jennifer Turner and Vincent Munro
105. Detection of minimal residual disease in hematologic malignancies by molecular technology Harry J. Iland
106. Detection of minimal residual disease by immunologic techniques Martin Andrawansky and Dario Campana

PART XII. STATISTICAL ANALYSIS:
107. Statistical analysis in hematopoietic stem cell transplantation John Klein

PART XIII. DEVELOPING AREAS IN HEMATOPOIETIC STEM CELL TRANSPLANTATION
108. Monoclonal antibodies as anti-leukemia and anti-lymphoma drugs Katherine L. Ruffner and Dana C. Mathews
109. Use of monoclonal antibodies for preventing graft rejection and inducing graft-host tolerance. Geoff Hale and Herman Waldmann
110. Ex vivo expansion of hematopoietic stem and progenitor cells. Ian McVae
111. In utero hematopoietic stem cell transplantation. Robertson Parkman
112. Dendritic cell immunotherapy. Derek R. J. Hart, Alison M. Rice and James W. Young
113. Antigen-specific T cells in cancer immunotherapy. Michael Kalos
114. NK-T cell biology and clinical applications. Michael R. Verneris and Robert S. Negrin
115. Pathophysiologically based strategies to improve reconstitution of thymopoiesis after hematopoietic stem cell transplantation Keneth Weinberg
117. Suicide gene therapy for control of graft-versus-host disease. Chiara Bonini, Fabio Ciceri and Claudio Bordignon
119. Transplantation for autoimmune diseases. Alan Tyndall, Peter McSweeney and Alan Gratwohl
120. Allogeneic hematopoietic stem cell transplantation for solid tumors. Ram Srinivasan and Richard Cheades
121. Hematopoietic stem cell transplantation for HIV infection. Sam Milliken
122. Donor-specific infusion of hematopoietic cells for tolerance induction in solid organ transplantation. Kimberly L. Gandy

PART XIV. THE FUTURE
123. The future of blood and bone marrow transplantation. Jayesh Mehta and Ray Powles

Neoplastic Diseases of the Blood
Fourth edition
Edited by: Peter H. Wiernik, John M. Goldman, Janice P. Dutcher, Robert A. Kyle

Presenting the long-awaited fourth edition of this classic work on malignant blood cancers.

In addition to six new chapters, this edition has been fully revised and updated taking into account the tremendous progress made in the understanding of the nature of hematologic malignancies since the publication of the last edition in 1995. Revisions and new chapters include coverage of stem cell transplantation, molecular genetics, monoclonal antibodies, and new treatment modalities. This comprehensive resource on the laboratory and clinical aspects of all hematologic neoplasms also includes up-to-date treatment recommendations and discussions of etiology, pathogenesis, and clinical aspects.

Written by leading practicing clinicians and researchers, this an essential reference for all hematologists and oncologists.

Special Introductory Offer
0 521 79136 7 Hardback July 2003
1,214 pages 400 line diagrams
125 half-tones 25 colour plates
100 tables
Introductory Price £190.00/US$275
(£245.00/US$350 after 31 March 2004)

Cambridge UNIVERSITY PRESS
www.cambridge.org

Printed in the United Kingdom at the University Press, Cambridge
December 2003