Review Article 127 New Directions in the Genomics of Allogeneic Hematopoietic Stem Cell Transplantation
Charles G. Mullighan, Peter G. Bardy

Brief Article 145 Umbilical Cord Blood Produces Small Megakaryocytes After Transplantation
Mark Ignatz, Martha Sola-Visner, Lisa M. Rimsza, Debra Fuchs, Jonathan J. Shuster, Xiao-Miao Li, Anil Jotwani, Susan Staba, John R. Wingard, Zhongbo Hu, William B. Slayton

Biology 151 Promiscuity of the AlloHLA-A2 Restricted T Cell Repertoire Hampers the Generation of Minor Histocompatibility Antigen-specific Cytotoxic T Cells across HLA Barriers
Liesbeth E. M. Oosten, Els Blokland, Michel G. D. Kester, J. H. Frederik Falkenburg, Astrid G. S. van Halteren, Els Goulmy

Biology 164 CD154 Blockade and Donor-Specific Transfusions in DLA-Identical Marrow Transplantation in Dogs Conditioned with 1-Gy Total Body Irradiation
Christoph Jochum, Mechthild Beste, Eustacia Zellmer, Scott S. Graves, Rainer Storb

Clinical Research 172 Reticulocyte Maturation Parameters Are Reliable Early Predictors of Hematopoietic Engraftment after Allogeneic Stem Cell Transplantation

Clinical Research 183 High-dose Therapy with Single Autologous Transplantation versus Chemotherapy for Newly Diagnosed Multiple Myeloma: A Systematic Review and Meta-analysis of Randomized Controlled Trials
John Koreth, Corey S. Cutler, Benjamin Djulbegovic, Rajesh Behl, Robert L. Schlossman, Nikhil C. Munsibi, Paul G. Richardson, Kenneth C. Anderson, Robert J. Soiffer, Edwin P. Alyea III

Clinical Research 197 Detrimental Effect of Natural Killer Cell Alloreactivity in T-replete Hematopoietic Cell Transplantation (HCT) for Leukemia Patients
Joel Y. Sun, Andrew Dagis, Latima Gaidulis, Marcia M. Miller, Roberto Rodriguez, Pablo Parker, Auayporn Nademanee, Peter Falk, Joseph Rosenthal, Stephen J. Forman, David Senitzer

Clinical Research 206 Systematic Review of Controlled Clinical Trials on the Use of Ursodeoxycholic Acid for the Prevention of Hepatic Veno-occlusive Disease in Hematopoietic Stem Cell Transplantation
Jason Tay, Alan Tinmouth, Dean Fergusson, Lothar Huebsch, David S. Allan
Clinical Research 218 Allogeneic Bone Marrow Transplantation in First Remission for Children with Ultra-high-risk Features of Acute Lymphoblastic Leukemia: A Children’s Oncology Group Study Report
Prakash Satwani, Harland Sather, Fevzi Ozkaynak, Nyla A. Heerema, Kirk R. Schultz, Jean Sanders, John Kersey, Virginia Davenport, Michael Trigg, Mitchell S. Cairo

Clinical Research 228 Higher Numbers of Blood CD14+ Cells before Starting Conditioning Regimen Correlate with Greater Risk of Acute Graft-versus-Host Disease in Allogeneic Stem Cell Transplantation from Related Donors
Mario Arpinati, Gabriella Chirumbolo, Yogen Saunthararajah, Marta Stanzani, Francesca Bonifazi, Giuseppe Bandini, Michele Baccarani, Damiano Rondelli

Clinical Research 235 Intravenous Busulfan and Melphalan, Tacrolimus, and Short-Course Methotrexate Followed by Unmodified HLA-Matched Related or Unrelated Hematopoietic Stem Cell Transplantation for the Treatment of Advanced Hematologic Malignancies

New Feature: Articles in Press
Effective February 1, 2007, Biology of Blood and Marrow Transplantation is initiating a new “Articles in Press” feature. The journal will begin publishing articles online several weeks before appearing in the print journal. After the final version of a manuscript is accepted for publication and authors have approved proofs, the corrected proof of the article will be posted on the journal’s website (www.bbmt.org) under “Articles in Press.” During this period, the article will be identified by a DOI (e.g., 10.XXXX/j.bbmt.2006.05.025) and can be searched and cited by this unique identifier. When the article is assigned to an issue of the journal, it will move from the “Articles in Press” section to the table of contents of that issue.