



Wes (Janice) Brown

Professor of Medicine (Blood and Marrow Transplantation) at the Stanford University Medical Center

Medicine - Blood & Marrow Transplantation

CLINICAL OFFICES

- **Blood and Marrow Transplant Program**

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Bio

BIO

Dr. Janice (Wes) Brown specializes in the treatment of infectious complications that occur in patients who are receiving cancer treatments or are undergoing transplantation of solid organs or hematopoietic cells. She has been a member of the Blood and Marrow Transplantation faculty for more than twenty years and co-founded the Immunocompromised Host Infectious Diseases consultation service. Dr. Brown's special interest is to understand the nature of immunodeficiency resulting from an ever- evolving spectrum of targeted and immunomodulatory therapy. Her laboratory studies approaches to enhance and/or rebuild protective immunity. She is a leader in the design and execution of clinical trials of new treatments for infections that have significantly improved the outcomes of high-risk patients.

CLINICAL FOCUS

- Cancer > Blood and Marrow Transplant
- Blood and Marrow Transplantation
- Blood and Marrow Transplantation / Infectious Diseases
- Infectious Disease

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Medicine - Blood & Marrow Transplantation
- Member, Stanford Cancer Institute

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Microbiology Laboratory Liaison, Blood & Marrow Transplantation (1996 - 2009)
- Organizer, H1N1 Influenza Multidisciplinary Team (2009 - present)
- Member, Hospital Design Team (2008 - 2010)
- Member, Infection Control and Hospital Epidemiology (1996 - present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University School of Medicine (1993) CA

- Residency: Stanford University School of Medicine (1990) CA
- Internship: Stanford University School of Medicine (1988) CA
- Board Certification: Infectious Disease, American Board of Internal Medicine (1994)
- Medical Education: University Of Virginia (1987) VA
- BA, Stanford University , Biological Sciences (1981)
- MD, University of Virginia , Hypoxemic myocardial injury (1987)
- Residency, Stanford University , Internal Medicine (1990)
- Fellowship, Stanford University , Infectious Diseases (1996)

LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CLINICAL TRIALS

- Bone Marrow Grafting for Leukemia and Lymphoma, Recruiting
- Isavuconazole (BAL8557) in the Treatment of Candidemia and Other Invasive Candida Infections, Recruiting
- A Multicenter, Randomized, Double-Blind, Comparative Study to Evaluate the Safety, Tolerability, and Efficacy of 2 Dosing Regimens of an Antifungal Drug in the Treatment of Fungal Infections in Adults (0991-801)(COMPLETED), Not Recruiting
- A Study of an Investigational V212/Heat-Treated Varicella-Zoster Virus (VZV) Vaccine in Immunocompromised Adults (V212-002), Not Recruiting
- A Study to Evaluate a Therapeutic Vaccine, ASP0113, in Cytomegalovirus (CMV)-Seropositive Recipients Undergoing Allogeneic, Hematopoietic Cell Transplant (HCT), Not Recruiting
- A Study to Evaluate the Safety and Efficacy of Inactivated Varicella-zoster Vaccine (VZV) as a Preventative Treatment for Herpes Zoster (HZ) and HZ-related Complications in Adult Participants With Solid Tumor or Hematologic Malignancy (V212-011), Not Recruiting
- A Study to Evaluate the Safety and Efficacy of Inactivated Varicella-zoster Vaccine (VZV) as a Preventative Treatment for Herpes Zoster (HZ) and HZ-related Complications in Participants Undergoing Hematopoietic Cell Transplants (HCTs) (V212-001), Not Recruiting
- An Observational Study of Fungal Biomarkers (MK-0000-089), Not Recruiting
- Isavuconazole (BAL8557) for Primary Treatment of Invasive Aspergillosis, Not Recruiting
- Isavuconazole in the Treatment of Renally Impaired Aspergillosis and Rare Fungi, Not Recruiting
- Oral Triple Combination Antiviral Drug Therapy for Treatment of Influenza A in Immunocompromised Subjects, Not Recruiting
- Post T-plant Infusion of Allogeneic Cytokine Induced Killer (CIK) Cells as Consolidative Therapy in Myelodysplastic Syndromes/Myeloproliferative Disorders, Not Recruiting
- Prophylactic Use of Maribavir for the Prevention of Cytomegalovirus (CMV) Disease in Stem Cell Transplant Recipients, Not Recruiting
- Safety and Efficacy Study of a New Antiviral Drug to Prevent Cytomegalovirus Reactivation in Bone Marrow Transplanted Patients, Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Infectious Diseases (Fellowship Program)

Publications

PUBLICATIONS

- **Incidence and Impact of Cytomegalovirus in Hematopoietic Cell Transplant Recipients at a Single Center over the Last Decade**
Johnsrud, J. J., Nguyen, I. T., Domingo, W., Tang, Y., Raval, A., Brown, J.
ELSEVIER SCIENCE INC.2020: S346–S347

- **Letermovir Prophylaxis in Patients at High Risk for CMV Disease Following Hematopoietic Cell Transplant**
Nguyen, I. T., Johnsrud, J. J., Brown, J., Domingo, W.
ELSEVIER SCIENCE INC.2020: S347–S348
- **Letermovir Prophylaxis Decreases Burden of CMV in Patients at High Risk for CMV Disease Following Hematopoietic Cell Transplant.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation*
Johnsrud, J. J., Nguyen, I. T., Domingo, W., Narasimhan, B., Efron, B., Brown, J. W.
2020
- **Non-Genotoxic Anti-CD117 Antibody Conditioning Results in Successful Hematopoietic Stem Cell Engraftment in Patients with Severe Combined Immunodeficiency**
Agarwal, R., Dvorak, C. C., Kwon, H., Long-Boyle, J. R., Prohaska, S. S., Brown, J. W., Le, A., Guttman-Klein, A., Weissman, I. L., Cowan, M. J., Logan, A. C., Weinberg, K. I., Parkman, et al
AMER SOC HEMATOLOGY.2019
- **Erethothecium coryli bloodstream infection in a patient with acute myeloid leukemia: first case report of human infection** *DIAGNOSTIC MICROBIOLOGY AND INFECTIOUS DISEASE*
Multani, A., Rustagi, A., Epstein, D. J., Gomez, C. A., Budvytiene, I., Banaei, N., Brown, J. M., Liu, A. Y.
2019; 95 (1): 77–79
- **Pharmacokinetic-pharmacodynamic analyses of dose selection for rezafungin prophylaxis against invasive fungal infections in blood and marrow transplantation**
Brown, J., Lakota, E. A., Flanagan, S., Sandison, T., Ong, V., Rubino, C. M.
NATURE PUBLISHING GROUP.2019: 430
- **Erethothecium coryli bloodstream infection in a patient with acute myeloid leukemia: first case report of human infection.** *Diagnostic microbiology and infectious disease*
Multani, A., Rustagi, A., Epstein, D. J., Gomez, C. A., Budvytiene, I., Banaei, N., Brown, J. M., Liu, A. Y.
2019
- **Evaluation of Romyelocel-L Myeloid Progenitor Cells to Decrease Infections in De Novo AML Patients Receiving High-Dose Ara-C-Based Induction Therapy**
Ravandi, F., Abboud, C. N., Akard, L., Gill, S. I., Hsu, J. W., Kambhampati, S., Khan, I., Liu, D., Stock, W., Brown, J. W., Bashey, A., Borthakur, G., DiNardo, et al
AMER SOC HEMATOLOGY.2018
- **Pharmacokinetic-Pharmacodynamic Analyses to Provide Rezafungin Prophylaxis Dose Selection for Prevention of Invasive Fungal Infections for Bone Marrow Transplant Patients**
Lakota, E. A., Flanagan, S., Sandison, T., Brown, J. W., Rubino, C. M.
AMER SOC HEMATOLOGY.2018
- **Inactivated varicella zoster vaccine in autologous haematopoietic stem-cell transplant recipients: an international, multicentre, randomised, double-blind, placebo-controlled trial** *LANCET*
Winston, D. J., Mullane, K. M., Cornely, O. A., Boeckh, M. J., Brown, J., Pergam, S. A., Trociukas, I., Zak, P., Craig, M. D., Papanicolaou, G. A., Velez, J. D., Panse, J., Hurtado, et al
2018; 391 (10135): 2116–27
- **Echinocandin prophylaxis in patients undergoing haematopoietic cell transplantation and other treatments for haematological malignancies.** *The Journal of antimicrobial chemotherapy*
Epstein, D. J., Seo, S. K., Brown, J. M., Papanicolaou, G. A.
2018; 73 (suppl_1): i60–i72
- **Letermovir Prophylaxis for Cytomegalovirus in Hematopoietic-Cell Transplantation** *NEW ENGLAND JOURNAL OF MEDICINE*
Marty, F. M., Ljungman, P., Chemaly, R. F., Maertens, J., Dadwal, S. S., Duarte, R. F., Haider, S., Ullmann, A. J., Katayama, Y., Brown, J., Mullane, K. M., Boeckh, M., Blumberg, et al
2017; 377 (25): 2433–44
- **Improved Survival of High Risk Patients with Parainfluenza Virus Following Hematopoietic Cell Transplantation: Role of Aerosolized Ribavirin**
Nguyen, I. T., Shashidhar, S., Brown, J. M.
AMER SOC HEMATOLOGY.2016

- **Rate of Rise of EBV Viral Load By Quantitative PCR after Allogeneic Transplantation Correlates with PTLD Facilitates Timely Institution of Rituximab**
Muffly, L. S., Shiraz, P., Nguyen, I. T., Brown, J. M.
AMER SOC HEMATOLOGY.2016
- **Isavuconazole treatment for mucormycosis: a single-arm open-label trial and case-control analysis** *LANCET INFECTIOUS DISEASES*
Marty, F. M., Ostrosky-Zeichner, L., Cornely, O. A., Mullane, K. M., Perfect, J. R., Thompson, G. R., Alangaden, G. J., Brown, J. M., Fredricks, D. N., Heinz, W. J., Herbrecht, R., Klimko, N., Klyasova, et al
2016; 16 (7): 828-837
- **Infections after Transplantation of Bone Marrow or Peripheral Blood Stem Cells from Unrelated Donors** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
Young, J. H., Logan, B. R., Wu, J., Wingard, J. R., Weisdorf, D. J., Mudrick, C., Knust, K., Horowitz, M. M., Confer, D. L., Dubberke, E. R., Pergam, S. A., Marty, F. M., Strasfeld, et al
2016; 22 (2): 359-370
- **Cryopreserved Ex Vivo-Expanded Allogeneic Myeloid Progenitor Cell Product Protects Neutropenic Mice From a Lethal Fungal Infection** *CELL TRANSPLANTATION*
Domen, J., Christensen, J. L., Gille, D., Smith-Berdan, S., Fong, T., Brown, J. Y., Sedello, A. K.
2016; 25 (1): 17-33
- **Peritoneal Coccidioidomycosis: a Rare Case Report and Review of the Literature** *JOURNAL OF GASTROINTESTINAL AND LIVER DISEASES*
Storage, T. R., Segal, J., Brown, J.
2015; 24 (4): 527-530
- **Phase 1 Clinical Investigation of Human Myeloid Progenitor Cells (CLT-008) As a Supportive Care Measure during Chemotherapy for Acute Myeloid Leukemia (AML)**
Wieduwilt, M. J., Cerny, J., Akard, L., Ustun, C., Ravandi, F., Rossetti, J. M., Hill, B. T., Brown, J., Kellerman, L., Van Syoc, R., Reed, W., Andreadis, C.
AMER SOC HEMATOLOGY.2014
- **Gastrointestinal Mucormycosis Initially Manifest as Hematochezia from Arterio-Enteric Fistula** *DIGESTIVE DISEASES AND SCIENCES*
Cloyd, J. M., Brown, J., Sinclair, T., Jenks, D., Desai, J., Longacre, T., Chandra, V., Shelton, A.
2014; 59 (12): 2905-2908
- **Letermovir for Cytomegalovirus Prophylaxis in Hematopoietic-Cell Transplantation** *NEW ENGLAND JOURNAL OF MEDICINE*
Chemaly, R. F., Ullmann, A. J., Stoelben, S., Richard, M., Bornhaeuser, M., Groth, C., Einsele, H., Silverman, M., Mullane, K. M., Brown, J., Nowak, H., Koelling, K., Stobernack, et al
2014; 370 (19): 1781-89
- **Tolerability of Foscarnet As a Continuous Infusion for Treatment of Herpesvirus Infections**
Brown, J. M., Chang, A., Lee-Lam, F., Tan, S. K., Shashidhar, S.
ELSEVIER SCIENCE INC.2014: S191-S192
- **Comparative cost-effectiveness analysis of voriconazole and fluconazole for prevention of invasive fungal infection in patients receiving allogeneic hematopoietic cell transplants** *AMERICAN JOURNAL OF HEALTH-SYSTEM PHARMACY*
Mauskopf, J., Chirila, C., Graham, J., Gersten, I. D., Leather, H., Maziarz, R. T., Baden, L. R., Bolanos-Meade, J., Brown, J. Y., Walsh, T. J., Horowitz, M. H., Kurtzberg, J., Marr, et al
2013; 70 (17): 1518-27
- **Successful Surgical and Medical Treatment of Rhizopus Osteomyelitis Following Hematopoietic Cell Transplantation** *ORTHOPEDICS*
Vashi, N., Avedian, R., Brown, J., Arai, S.
2012; 35 (10): E1556-E1561
- **Prophylactic rituximab after allogeneic transplantation decreases B-cell alloimmunity with low chronic GVHD incidence** *BLOOD*
Arai, S., Sahaf, B., Narasimhan, B., Chen, G. L., Jones, C. D., Lowsky, R., Shizuru, J. A., Johnston, L. J., Laport, G. G., Weng, W., Benjamin, J. E., Schenman, J., Brown, et al
2012; 119 (25): 6145-6154
- **Co-transplantation of pure blood stem cells with antigen-specific but not bulk T cells augments functional immunity** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Mueller, A. M., Shashidhar, S., Kuepper, N. J., Kohrt, H. E., Florek, M., Negrin, R. S., Brown, J. M., Shizuru, J. A.
2012; 109 (15): 5820-5825

- **Sirolimus and mycophenolate mofetil as GVHD prophylaxis in myeloablative, matched-related donor hematopoietic cell transplantation** *BONE MARROW TRANSPLANTATION*
Johnston, L., Florek, M., Armstrong, R., McCune, J. S., Arai, S., Brown, J., Laport, G., Lowsky, R., Miklos, D., Shizuru, J., Sheehan, K., Lavori, P., Negrin, et al
2012; 47 (4): 581-588
- **Graft T Cells Retard Stem Cell Derived Lymphoid Organ Reconstitution and Immune Function After Allogeneic Transplantation** *53rd Annual Meeting and Exposition of the American-Society-of-Hematology (ASH)*
Mueller, A. M., Kohrt, H. E., Shashidhar, S., Florek, M., Kuepper, N. J., Brown, J. (.), Shizuru, J. A.
AMER SOC HEMATOLOGY.2011: 1722-22
- **Invasive Non-Aspergillus Mold Infections in Transplant Recipients, United States, 2001-2006** *EMERGING INFECTIOUS DISEASES*
Park, B. J., Pappas, P. G., Wannemuehler, K. A., Alexander, B. D., Anaissie, E. J., Andes, D. R., Baddley, J. W., Brown, J. M., Brumble, L. M., Freifeld, A. G., Hadley, S., Herwaldt, L., Ito, et al
2011; 17 (10): 1855-1864
- **Early CMV Viremia Is Associated with Impaired Viral Control following Nonmyeloablative Hematopoietic Cell Transplantation with a Total Lymphoid Irradiation and Antithymocyte Globulin Preparative Regimen** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
Schaenman, J. M., Shashidhar, S., Rhee, C., Wong, J., Navato, S., Wong, R. M., Ho, D. Y., Arai, S., Johnston, L., Brown, J. M.
2011; 17 (5): 693-702
- **Long-term outcomes in patients with high-risk myeloid malignancies following matched related donor hematopoietic cell transplantation with myeloablative conditioning of BU, etoposide and CY** *BONE MARROW TRANSPLANTATION*
Naik, S., Wong, R., Arai, S., Brown, J., Laport, G., Lowsky, R., Miklos, D., Shizuru, J., Blume, K., Negrin, R., Johnston, L.
2011; 46 (2): 192-199
- **Treatment of Acyclovir-Resistant Herpes Simplex Virus with Continuous Infusion of High-Dose Acyclovir in Hematopoietic Cell Transplant Patients** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
Kim, J. H., Schaenman, J. M., Ho, D. Y., Brown, J. M.
2011; 17 (2): 259-264
- **Combined Effects of Interleukin-7 and Stem Cell Factor Administration on Lymphopoiesis after Murine Bone Marrow Transplantation** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
Chung, B., Min, D., Joo, L. W., Krampf, M. R., Huang, J., Yang, Y., Shashidhar, S., Brown, J., Dudl, E. P., Weinberg, K. I.
2011; 17 (1): 48-60
- **Randomized, double-blind trial of fluconazole versus voriconazole for prevention of invasive fungal infection after allogeneic hematopoietic cell transplantation** *BLOOD*
Wingard, J. R., Carter, S. L., Walsh, T. J., Kurtzberg, J., Small, T. N., Baden, L. R., Gersten, I. D., Mendizabal, A. M., Leather, H. L., Confer, D. L., Maziarz, R. T., Stadtmauer, E. A., Bolanos-Meade, et al
2010; 116 (24): 5111-18
- **Adoptively Transferred Mature T Cells Exhibit Diminished Reactivity to Murine Cytomegalovirus Compared to Nascent Donor T Cells and Impair Functional Immune Recovery After Allogeneic Hematopoietic Cell Transplantation** *52nd Annual Meeting and Exposition of the American-Society-of-Hematology (ASH)*
Mueller, A. M., Shashidhar, S., Brown, J., Shizuru, J. A.
AMER SOC HEMATOLOGY.2010: 1531-31
- **A 39-Year-Old Woman With Lupus, Myositis, and a Recalcitrant Vasculopathy** *ARTHRITIS CARE & RESEARCH*
Sokolove, J., Copland, A., Shirvani, S., Brown, J., Posley, K., Chung, L.
2010; 62 (9): 1351-1356
- **Utility of Influenza Vaccination for Oncology Patients** *JOURNAL OF CLINICAL ONCOLOGY*
Pollyea, D. A., Brown, J. M., Horning, S. J.
2010; 28 (14): 2481-2490
- **Prospective Surveillance for Invasive Fungal Infections in Hematopoietic Stem Cell Transplant Recipients, 2001-2006: Overview of the Transplant-Associated Infection Surveillance Network (TRANSNET) Database** *CLINICAL INFECTIOUS DISEASES*
Kontoyiannis, D. P., Marr, K. A., Park, B. J., Alexander, B. D., Anaissie, E. J., Walsh, T. J., Ito, J., Andes, D. R., Baddley, J. W., Brown, J. M., Brumble, L. M., Freifeld, A. G., Hadley, et al
2010; 50 (8): 1091-1100

- **Treatment of Severe Acyclovir-Resistant Herpes Simplex Virus Infection with Continuous Infusion of High Dose Acyclovir Following Hematopoietic Cell Transplantation**
Kim, J. H., Schaeffer, J., Ho, D. Y., Brown, J. M.
AMER SOC HEMATOLOGY.2009: 876
- **Prophylactic Rituximab after Reduced Intensity Conditioning Transplantation Results in Low Chronic Gvhd** *50th Annual Meeting of the American-Society-of-Hematology/ASH/ASCO Joint Symposium*
Arai, S., Sahaf, B., Jones, C., Zhender, J., Lowsky, R., Strober, S., Shizuru, J., Negrin, R., Johnston, L., Laport, G., Schaeffer, J., Brown, J., Weng, et al
AMER SOC HEMATOLOGY.2008: 178-78
- **Functional Control of CMV Reactivation Is Profoundly Influenced by CMV Serostatus after Nonmyeloablative Hematopoietic Cell Transplantation Following a TLI-ATG Preparative Regimen** *50th Annual Meeting of the American-Society-of-Hematology/ASH/ASCO Joint Symposium*
Schaeffer, J., Vana, M. L., Rhee, C., Wong, J., Navato, S., Johnston, L. J., Wong, R. M., Ho, D. Y., Brown, J. (.
AMER SOC HEMATOLOGY.2008: 780-80
- **Comparison of polymerase chain reaction of polymorphonuclear leukocytes and plasma identifies patients who control cytomegalovirus infection after hematopoietic cell transplantation** *CLINICAL INFECTIOUS DISEASES*
Vana, M. L., Formankova, D., Cha, S., Sharma, A., Potena, L., Brown, J. M., Mocarski, E. S.
2008; 47 (4): 535-539
- **Safety and immunogenicity of a bivalent cytomegalovirus DNA vaccine in healthy adult subjects** *11th International CMV and Betaherpes Virus Workshop*
Wloch, M. K., Smith, L. R., Boutsaboualoy, S., Reyes, L., Han, C., Kehler, J., Smith, H. D., Selk, L., Nakamura, R., Brown, J. M., Marbury, T., Wald, A., Rolland, et al
UNIV CHICAGO PRESS.2008: 1634-42
- **The impact of regulatory T cells on T-cell immunity following hematopoietic cell transplantation** *BLOOD*
Nguyen, V. H., Shashidhar, S., Chang, D. S., Ho, L., Kambham, N., Bachmann, M., Brown, J. M., Negrin, R. S.
2008; 111 (2): 945-953
- **CD4+CD25+ Regulatory T cells enhance immune reconstitution following allogeneic hematopoietic cell transplantation by protecting thymic and lymphoid compartments from graft-versus-host disease damage without impacting T cell repertoire development.** *48th Annual Meeting of the American-Society-of-Hematology*
Nguyen, V. H., Chang, D., Shashidhar, S., Bachmann, M., Contag, C. H., Brown, J. M., Negrin, R. S.
AMER SOC HEMATOLOGY.2006: 25A-25A
- **Rituximab infusion two months after nonmyeloablative transplantation maintains B-cell disease control with minimal GVHD.** *48th Annual Meeting of the American-Society-of-Hematology*
Arai, S., Sahaf, B., Jones, C., Zehnder, J., Lowsky, R., Strober, S., Shizuru, J., Negrin, R., Johnston, L., Laport, G., Goldstein, K., Brown, J. (. Miklos, et al
AMER SOC HEMATOLOGY.2006: 823A-823A
- **Cytomegalovirus MCK-2 controls mobilization and recruitment of myeloid progenitor cells to facilitate dissemination** *BLOOD*
Noda, S., Aguirre, S. A., Bitmansour, A., Brown, J. M., Sparer, T. E., Huang, J., Mocarski, E. S.
2006; 107 (1): 30-38
- **Enhanced immune reconstitution and function by CD4+CD25+ regulatory T cells following allogeneic hematopoietic cell transplantation.** *47th Annual Meeting of the American-Society-of-Hematology*
Nguyen, V. H., Shashidhar, S., Zeiser, R., Ho, L., Brown, J. M., Negrin, R. S.
AMER SOC HEMATOLOGY.2005: 23A-23A
- **Neutropenic mice can be protected from fungus infection by ex vivo expanded allogeneic myeloid progenitors.** *47th Annual Meeting of the American-Society-of-Hematology*
Domen, J., Wahedi, M., Danenberg, E., Smith-Berdan, S., Christensen, J., Fong, T., Brown, J.
AMER SOC HEMATOLOGY.2005: 851A-851A
- **Protection against lethal Aspergillus fumigatus infection in mice by allogeneic myeloid progenitors is not major histocompatibility complex restricted** *45th Annual Meeting and Exhibition of the American-Society-of-Hematology*
Arber, C., Bitmansour, A., Shashidhar, S., Wang, S., Tseng, B., Brown, J. M.
UNIV CHICAGO PRESS.2005: 1666-71
- **Stepwise development of committed progenitors in the bone marrow that generate functional T cells in the absence of the thymus** *JOURNAL OF IMMUNOLOGY*

- Garcia-Ojeda, M. E., Dejbakhsh-Jones, S., Chatterjea-Matthes, D., Mukhopadhyay, A., Bitmansour, A., Weissman, I. L., Brown, J. M., Strober, S.
2005; 175 (7): 4363-4373
- **Risks and outcomes of invasive fungal infections in pediatric patients undergoing allogeneic hematopoietic cell transplantation** *BONE MARROW TRANSPLANTATION*
Dvorak, C. C., Steinbach, W. J., Brown, J. M., Agarwal, R.
2005; 36 (7): 621-629
 - **Treatment of verruca vulgaris with topical cidofovir in an immunocompromised patient: a case report and review of the literature** *TRANSPLANT INFECTIOUS DISEASE*
Cha, S., Johnston, L., Natkunam, Y., Brown, J.
2005; 7 (3-4): 158-161
 - **Exogenous administration of immunomodulatory therapies in hematopoietic cell transplantation: an infectious diseases perspective** *CURRENT OPINION IN INFECTIOUS DISEASES*
Brown, J. M.
2005; 18 (4): 352-358
 - **The influence of the conditions of hematopoietic cell transplantation on infectious complications** *CURRENT OPINION IN INFECTIOUS DISEASES*
Brown, J. M.
2005; 18 (4): 346-351
 - **Single infusion of myeloid progenitors reduces death from Aspergillus fumigatus following chemotherapy-induced neutropenia** *BLOOD*
Bitmansour, A., Cao, T. M., Chao, S., Shashidhar, S., Brown, J. M.
2005; 105 (9): 3535-3537
 - **Rapamycin (sirolimus) for treatment of chronic graft-versus-host disease** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*
Johnston, L. J., Brown, J., Shizuru, J. A., Stockerl-Goldstein, K. E., Stuart, M. J., Blume, K. G., Negrin, R. S., Chao, N. J.
2005; 11 (1): 47-55
 - **Effective containment of human respiratory syncytial virus infections in a bone marrow transplantation program resulting from the combined implementation of molecular epidemiology, infection control, and early treatment strategies.**
Cha, S. S., Stuart, M. J., Poutanen, S., Madison, S., Baron, E. J., Erdman, D., Brown, J. M.
AMER SOC HEMATOLOGY.2004: 611A-612A
 - **Fungal infections in bone marrow transplant patients** *CURRENT OPINION IN INFECTIOUS DISEASES*
Brown, J. M.
2004; 17 (4): 347-352
 - **Common lymphoid progenitors from MHC-mismatched donors engraft without inducing GVHD.**
Arber, C., BitMansour, A., Brown, J. M.
AMER SOC HEMATOLOGY.2003: 951A
 - **MHC-mismatched marrow committed myeloid progenitors engraft and protect against invasive aspergillosis.**
Arber, C., BitMansour, A., Brown, J. M.
AMER SOC HEMATOLOGY.2003: 941A
 - **Regulation of common lymphoid progenitors (CLP) by common gamma (gamma(C)) and C-kit signals in vivo.** *45th Annual Meeting and Exhibition of the American-Society-of-Hematology*
Dudl, E., Toyama, A., Arber, C., Bitmansour, A., Brown, J., Chung, B., Price, M., Brown, J. M., Weinberg, K. I.
AMER SOC HEMATOLOGY.2003: 50A-50A
 - **Common lymphoid progenitors rapidly engraft and protect against lethal murine cytomegalovirus infection after hematopoietic stem cell transplantation** *BLOOD*
Arber, C., Bitmansour, A., Sparer, T. E., Higgins, J. P., Mocarski, E. S., Weissman, I. L., Shizuru, J. A., Brown, J. M.
2003; 102 (2): 421-428
 - **Myeloid progenitors protect against invasive aspergillosis and Pseudomonas aeruginosa infection following hematopoietic stem cell transplantation** *BLOOD*
Bitmansour, A., Burns, S. M., Traver, D., Akashi, K., Contag, C. H., Weissman, I. L., Brown, J. M.
2002; 100 (13): 4660-4667

- **Prophylactic administration of liposomal amphotericin B is superior to treatment in a murine model of invasive aspergillosis after hematopoietic cell transplantation** *Meeting of the American-Society-for-Blood-and-Marrow-Transplantation*
Bitmansour, A., Brown, J. M.
OXFORD UNIV PRESS INC.2002: 134-37
- **Immunity to infections following hematopoietic cell transplantation** *CURRENT OPINION IN IMMUNOLOGY*
Brown, J. M., Weissman, I. L., Shizuru, J. A.
2001; 13 (4): 451-457
- **Voriconazole for salvage treatment of invasive aspergillosis**
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