

CURRICULUM VITAE

BRENDA J. GROSSMAN, MD. MPH

June 17, 2020

CITIZENSHIP:

United States

ADDRESS AND TELEPHONE NUMBERS:

Office: Washington University School of Medicine
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PRESENT POSITION:

Professor of Pathology and Immunology, Washington University
Professor of Medicine (Hematology), Washington University
Director, Transfusion Medicine Fellowship Program, Washington University
Medical Director, Transfusion Medicine Services, Barnes-Jewish Hospital

EDUCATION:

Undergraduate: Ohio University, B.S. in Zoology, 1976

Graduate: Medical College of Georgia, M.D., 1980

Saint Louis University School of Public Health, MPH, 2003

Postgraduate: Internal Medicine, University of Cincinnati Medical Center, Aug 1980- Jun 1983

Hematology/Oncology, Department of Medicine, Emory University School of Medicine, Jul 1984-
Jun 1986

Transfusion Medicine, Department of Laboratory Medicine and Pathology, Emory University School
of Medicine, Jul 1986 – Jun 1988

ACADEMIC POSITIONS / EMPLOYMENT:

July 2014- June 2016 Associate Professor of Medicine (Hematology), Washington University School of Medicine

Apr 2009- June 2016 Associate Professor of Pathology and Immunology, Washington University School of Medicine
Jul 2006- Mar 2009 Associate Professor of Pathology and Laboratory Medicine, Saint Louis University School of Medicine
Sep 2001- Jun 2006 Assistant Professor of Pathology and Laboratory Medicine, Saint Louis University School of Medicine
Jul 1989- Jun 1990 Assistant Professor of Pathology and Laboratory Medicine, Emory University School of Medicine

Other Professional Experiences:

April 2009- Medical Director, Blood Bank, Barnes-Jewish Hospital

Sep 2001- Mar 2009 Director, Transfusion Medicine Services, Saint Louis University
Director, Stem Cell Processing Laboratory, Saint Louis University Hospital
Associate Director, Saint Louis University Coagulation Consultants

Oct 1997- Aug 2001 Chief Medical Officer, American Red Cross, Missouri/Illinois Regional Blood Services and Laboratory Director for American Red Cross National Testing Laboratory, Saint Louis

Setting: Blood Center serving 120 hospitals
Fourth largest Red Cross Region
>293,000 whole blood units/year
>25,000 plateletpheresis/year
> 1100 Therapeutic apheresis procedures/year
Oversight: Collections, Manufacturing, Distribution, Donor Counseling, Reference Laboratory

Medical Consultation: Provided to Red Cross staff, area hospital staff and area physicians

Administrative: 45 FTE
\$ 3.1 million budget
Reference Laboratory
Blood Bank, Coagulation Laboratory, and Transplant Laboratory in Columbia MO

Regulatory: FDA and AABB Compliance
CLIA Laboratory Director for Reference
Suspected post-transfusion infectious disease investigations
Adverse reaction investigations

Jan 1994- Sept 1997 Medical Officer, American Red Cross, Missouri/Illinois Region
Responsible for all regulated activities within Blood Center. Served as medical consultant to Red Cross staff, hospital staff, and area physicians.

Jan 1991- Dec 1993 Medical Officer, American Red Cross, National Headquarters- medical support to Blood Operations
Responsibilities included representing ARC to external organizations such as AABB and FDA; co-authored national medical policy on donor selection criteria, donor notification and counseling and donor deferral. Served as medical liaison to 56 Regional medical directors

July 1989- Jan 1991 Medical Officer, American Red Cross, National Headquarters- clinical development of plasma derivatives
Coordinated clinical studies of new plasma derivatives under IND
Presented Clinical data before FDA licensing committee

July 1988- June 1989 Assistant Medical Director, Blood Bank, Emory University Hospital

July 1986- June 1988 Fellow, Transfusion Medicine, Emory University School of Medicine
July 1984- June 1986 Fellow, Hematology/Oncology, Emory University School of Medicine
July 1983- June 1984 Locum tenens in various locations, Internal Medicine; Placement through: Kron Medical Corporation, Chapel Hill, North Carolina
Jan 1984- June 1984 Emergency Room Physician, Newnan Hospital, Newnan, Georgia; Placement through: Coastal Emergency Service, Atlanta, Georgia

UNIVERSITY AND HOSPITAL APPOINTMENTS AND COMMITTEES:

Appointments:

2011- 2018 Director, Clinical Pathology Residency Program, Washington University
2011- Medical Director, Apheresis Center
2011- 2018 Medical Director, Cellular Therapy Laboratory, Barnes-Jewish Hospital
2009- Medical Director, Blood Bank, Barnes-Jewish Hospital
2001- 2009 Medical Director, Transfusion Medicine Services, Saint Louis University
1988- 1989 Assistant Medical Director, Blood Bank, Emory Hospital

Committees:

2020 Covid19-Clinical Study Committee, Washington University, Member
2019- Hematology Chief Search Committee, Washington University, Member
2019 Residency Program Evaluation Committee, Department of P&I, Washington University, member
2016- 2018 Medical Executive Committee, Barnes Jewish Hospital, member
2016- 2018 Credentialing Committee, Barnes Jewish Hospital, Chair
2015 Clinical Competency Committee for AP/CP, CP only and TM fellowship programs
2014- BJC Clinical Expert Council (CEC) for Blood Management
2011 - AP/CP Resident Selection Committee., Department of Pathology, Washington University, member
2011- Graduate Medical Education Committee, Washington University/BJH consortium, member
2010- 2016 Resident Research Day Committee, Department of Pathology, Washington University, co-chair
2010- LGM Educational Programs Committee, Department of Pathology, Washington University, member
2010- Credentialing Committee, Barnes Jewish Hospital, Member
2009-2019 Residency Training Committee, Department of Pathology, Washington University of Medicine, member
2009- Massive Transfusion Protocol Committee, Barnes Jewish Hospital, Member
2009- Transfusion Committee, Barnes Jewish Hospital, Member
2009- 2013 Laboratory Steering Committee, Barnes Jewish Hospital, Member
2008 University Medical Group Governing Board, Saint Louis University, Member
2008 Compensation Committee, Department of Pathology, Saint Louis University, Chair
2002- 2009 Residency Training Committee, Department of Pathology, Saint Louis University
2001- 2009 Pharmacy, Therapeutics, Nutrition, and Transfusion Committee, Saint Louis University Hospital
2001- 2009 Blood Bank Quality Assurance Committee, Saint Louis University Hospital
2001- 2009 Hematopoietic Stem Cell Quality Assurance Committee, Saint Louis University Hospital
1988- 1989 Transfusion Committee, Emory Hospital, Member
1989 Ad hoc committee for the development of an autologous donor collection facility, Emory Clinic, Chairman

MEDICAL LICENSURE AND BOARD CERTIFICATION:

Missouri Medical License: 105103
American Board of Internal Medicine- September 14, 1983
ABIM Subspecialty: Hematology- November 11, 1986
ABP Special Certification: Blood Banking and Transfusion Medicine- September 25, 1989

HONORS AND AWARDS:

- 2016 Distinguished Educator Award: Clinical Fellow Mentoring, Washington University School of Medicine
- 2012 Clinical Pathology Teacher of the Year Award, Department of Pathology and Immunology, Washington University School of Medicine
- 2004 Faculty of Year Award, Department of Pathology, Saint Louis University School of Medicine
- 2003 Alumni Academic Achievement Award, Saint Louis University School of Public Health
- 2003 Delta Omega, Honor Society of Public Health

EDITORIAL RESPONSIBILITIES:

- 2019 Ad hoc reviewer, **Blood**
- 2019 Ad hoc reviewer, **BMJ Case Reports**
- 2017 Ad hoc reviewer **ASH Educational Program Book (BLOOD)**
- 2013- Ad hoc reviewer, **Vox Sanguinis**
- 2012- 2014 Technical Manual, 18th Edition, AABB, Associate Editor
- 2011- Ad hoc reviewer, **Clinical Chemistry**
- 2010- Ad hoc reviewer **Journal of Clinical Apheresis**
- 2009- 2011 Technical Manual, 17th Edition, AABB, Associate Editor
- 2009 Ad hoc reviewer, **Liver Transplantation**
- 2006- 2008 Technical Manual, 16th Edition, AABB, Associate Editor
- 2004- Reviewer, AABB annual meeting abstracts, **Transfusion**
- 1999- 2016 Editorial Board, **Immunohematology**
- 1999- Ad hoc reviewer, **Transfusion**

PROFESSIONAL SOCIETIES AND ORGANIZATIONS:

Membership:

- 2017 American Council of ECP (ACE)
- 2010- Academy of Clinical Laboratory Physicians and Scientists
- 2010- 2016 College of American Pathologist
- 2001- American Society for Apheresis
- 1994- Heart of America Blood Bank Association
- 1991, 2014- International Society of Blood Transfusion
- 1988- American Society of Hematology
- 1986 - American Association of Blood Banks (AABB)

Research Committees:

- 2002-2 008 Institutional Review Board, American, Saint Louis University
- 2001- 2005 Institutional Review Board, American National Red Cross, Member
- 1990 Biomedical Development Review Committee, American Red Cross National Headquarters, Member
- 1989- 1992 Committee for the Protection of Human Subjects, American Red Cross, National Headquarters, Member

National Clinical and Administrative Committees

- 2020- Plasma- TheFightIsInUs: Research Committee Member
- 2020- Plasma- TheFightIsInUs: Collection and Distribution Committee, Member
- 2020- National Covid-19 Plasma Project, Leadership member
- 2015 RBC Transfusion Guidelines Working Group, AABB, member
- 2014- 2019 AABB Representative to the ASH Committee on Practice
- 2014- CMV Prevention Working Group, AABB, Chairman
- 2013- Extracorporeal Photopheresis Subcommittee, ASFA, member

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| 2012 | NHLBI State of the Science Symposium in therapeutic apheresis, subcommittee member |
| 2012- 2014 | Platelet Transfusion Guidelines Working Group, AABB, member |
| 2011- 2012 | RBC Transfusion Guidelines Working Group, AABB, member |
| 2010- | Clinical Transfusion Medicine Committee, AABB, member |
| 2008- 2010 | Nominating Committee, AABB, member |
| 2008- | TRALI Task Force, AABB, member |
| 2007- 2008 | Uniformed Donor History Questionnaire Committee, AABB Board Liaison |
| 2006- 2008 | Ad Hoc Committee on Conflicts of Interest, AABB, Member |
| 1995 - 1998 | Medical Directors Council, American Red Cross National Headquarters, Member |
| 1995 | Transfusion Services Work Group, American Red Cross National Headquarters, Member |
| 1993 | Donor Health Joint Application Development Team, National Biomedical Computer Development Project, American Red Cross, Member |
| 1994 -1998 | Standards Committee, American Association of Blood Banks, Member |
| 1992- 1994 | Standards Committee, American Association of Blood Banks, ARC Liaison |
| 1991- 1995 | Medical Affairs Committee, American Red Cross National Headquarters, Member |
| 1991- 1993 | Transmissible Disease Group, American Red Cross, National Headquarters, Member |

Editorial Committees:

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| 2006- 2008 | Circular of Information Committee, AABB Board Liaison |
| 2004- 2008 | Manuscript Review Committee, AABB, Chairman |
| 1999- 2005 | Technical Manual Committee, American Association of Blood Banks, Member |
| 1998- 2000 | Standards Program Committee, American Association of Blood Banks, Member |
| 1998- 2000 | Standard's Program Committee- Communication subgroup, American Association of Blood Banks, Chairman |
| 1997 | Inspection and Accreditation, IRF/ARM Subcommittee, American Association of Blood Banks, Member |
| 1996 - 1997 | Ad Hoc Information Brochures Working Group, American Association of Blood Banks, Member |

Community Service

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| 2003- 2010 | Clayton Public School PTO, member |
| 2001- 2010 | American Red Cross, Volunteer |
| 2000- 2002 | Brith Shalom Kneseth Israel Congregation Children's Education Committee, Member |
| 2003- 2004 | Shaare Shalom Religious School Board of Directors |
| 2003- 2004 | Brith Shalom Kneseth Israel Congregation Children's Education Committee, Chairman |
| 1995- 2002 | Forsyth School, Parent Volunteer |

INVITED PROFESSORSHIPS AND LECTURESHIPS:

1. "Clinical Indications for Blood Component Therapy". American Red Cross: Atlanta Region Workshop, 1987.
2. "Transfusion Therapy for the Immunocompromised Host". Southeastern Area Blood Bankers Technical Workshop, Atlanta, Georgia, March 9, 1988.
3. "Blood Component Therapy". Georgia Department of Human Resources: Laboratory Licensure Division of Continuing Education Workshop, Atlanta, Georgia, May 26, 1988.
4. "Mechanisms of Transfusion Reactions". ABO Club Workshop, Atlanta, Georgia, June 6, 1988.
5. "Impact of transplantation on blood utilization and blood bank testing". Southeastern Area Blood Bankers Technical Workshop, Atlanta, Georgia, March 1, 1989.

6. "Intravenous Immunoglobulin: Clinical Uses". Massachusetts Association of Blood Banks Spring Seminar, Milford MA, May 9, 1990.
7. "Donor questioning about gastrointestinal illness: a strategy to eliminate carriers of Yersinia enterocolitica." FDA: Blood Products Advisory Committee meeting, Bethesda, Maryland, January 17, 1991.
8. "Multiple Reactive EIA test results." FDA: Blood Products Advisory Committee meeting, Bethesda, Maryland, March 12, 1992.
9. "Special Consideration in Transfusing the Obstetrical Patient", OB/GYN Grand Rounds, St. Mary's Hospital, St. Louis, MO, October 13, 1994.
10. "Blood Donor Options", Pediatric Orthopedic Conference, Cardinal Glennon Hospital, St. Louis, MO, February 3, 1995.
11. "Update in Transfusion-transmissible Infections", Missouri Organization for Clinical Science and St. Louis Clinical Laboratory Management Association meeting, St. Louis, MO, April 10, 1996.
12. "Changes in Standards: 17th Edition", American Association of Blood Banks Teleconference, July 10, 1996.
13. "Donor Deferral Criteria; Donor Safety Issues", Nursing Forum, American Association of Blood Banks Annual Meeting, Orlando, FL, October 15, 1996.
14. 2020 National Covid-19 Plasma Project
15. "Leukoreduction of Blood Components", Saint Joseph Hospital Anesthesia Grand Rounds, Saint Louis, MO, March 1999.
16. "Pediatric Transfusion Medicine in the times of AIDS: An update on risks and benefits of transfusion therapy, Cardinal Glennon Hospital, May 1999.
17. "Ehrlichiosis (a Tick-Borne infection) and the Blood Supply" Saint Louis University School of Public Health, April 2001.
18. "Transfusion Medicine Quality Indicators: Crossmatch-to- Transfusion Ratio", Saint Francis Hospital, Litchfield IL, May 2001
19. "Automated Blood Donor Health Information System: A Grant Proposal." Saint Louis University School of Public Health. November 2001.
20. "Alanine aminotransferase (ALT) Reentry", American Red Cross Medical Directors Meeting, Washington, DC, March 2002
21. "Therapeutic Plasmapheresis", Abdominal Transplant Conference, Saint Louis University Hospital, November 2002.
22. "Update in Blood Donor Issues", Stem Cell Conference, Saint Louis University Hospital, March 2003
23. "Platelet Transfusion Therapy", 18th Annual Advances in Hemostasis and Thrombosis Conference, Sheraton Downtown, Saint Louis, MO, September 2004.
24. "Thrombotic Thrombocytopenic Purpura (TTP) associated with Hematopoietic Cell Transplant (HCT), Stem Cell Conference, Saint Louis University Hospital., November 2004.
25. "Transfusion Medicine in Critical Care and Trauma", Trauma Conference, Saint Louis University Hospital, March 2005.
26. "Transfusion –related Lung Injury", CPC, Department of Medicine, Saint Louis University, February 21, 2007

27. "Transfusion –related Lung Injury", Hematopoietic Cell Transplant (HCT), Stem Cell Conference, Saint Louis University Hospital., March 7, 2007
28. "Transfusion Medicine in Critical Care and Trauma", Dept. of Surgery, Trauma Conference, Saint Louis University, May 9, 2007
29. "Plasma Transfusions," Dept Surgery, Abdominal Transplant Conference, Saint Louis University, March 27, 2008.
30. "Plasma Therapy" Hematology Grand Rounds, Saint Louis University May 2008
31. "TACO vs. TRALI" Grand Rounds, Saint Anthony's Hospital, June 2, 2009.
32. "Extracorporeal Photopheresis Therapy for Transplant patients, Leading the Way in Solid Organ and Blood /marrow Transplantation, Optum Health, Saint Louis, MO 2011
33. "Transfusion Medicine Update: Laboratory and blood component support in the obstetrical management of women. Department of Ob-Gyn, Grand Rounds, Washington University, January 16, 2013.
34. "Breakfast with the Expert: Extracorporeal Photopheresis". ASFA meeting. Denver Co, May 2013.
35. "Considerations for Platelet Components: Impact of Current and Future TRALI Risk Reduction Strategies on Inventory- Hospital Perspective" AABB Public Workshop, Bethesda MD, July 8, 2013.
36. " Pre-procedural coagulations abnormalities: Role of plasma transfusion" Abdominal Imaging Interdisciplinary Conference,, Mallinckrodt Institute of Radiology, Saint Louis, MO, January 31, 2014.
37. "Antibody of undetermined specificity (AUS): frequency, laboratory features and natural history" California Blood Bank Society Annual Meeting, Lake Tahoe, CA May 2, 2014.
38. "Transfusion Risk" Oncology Nursing Grand Rounds, Barnes-Jewish Hospital. St. Louis, MO, July 23, 2015
39. "Under recognized transfusion adverse effects", 2015 ASH Consultative Hematology Course, Chicago Illinois, September 17, 2015.
40. "Reducing the risk of transfusion-transmitted CMV infection " 2015 AABB Annual Meeting, Anaheim CA, October 2015,
41. "RBC transfusion in for hematologic disorders" 2015 American Society of Hematologist Annual Meeting , Orlando FL December 2015 ,
42. "Transfusion Medicine" Hematology and ASH abstract Review. Saint Louis MO, January 23, 2016.
43. "Apheresis for the Hematologist" Washington University, Hematology Grand Rounds, January 20, 2017.
44. "Apheresis: Principles and Practices" Washington University, Pulmonary and Critical Care Grand Rounds, May 25, 2017
45. "Transfusion Medicine Overview for the Practicing Hematologist", Hematology Grand Rounds, August 10, 2018
46. . Transfusion Medicine Overview, Washington University, Hematology Introductory Lectures.
47. "Transfusion Safety: How risky is that transfusion?", Washington University Anesthesiology Grand Rounds, September 4, 2019
48. "Curbside Consults in Clinical Pathology" College of American Pathology Annual Meeting (CAP19), Orlando, FL September 22, 2019.

CONSULTING RELATIONSHIPS AND BOARD MEMBERSHIPS:

2017- National Medical Advisory Council, American Red Cross
2017 Fresenius Kabe, consulting
2013 Novartis, Blood Group Genotyping Advisory Board
2010 Genzyme Apheresis Advisory Board of the impact of New Mobilization Agents on Apheresis for Autologous Stem Cell Mobilization, participant
2005- 2010 National Medical Advisory Council, American Red Cross
2004--2008 AABB, Board of Directors, North Central Director
2000 National Marrow Donor Program, ARC Sponsor Board Member

RESEARCH –RELATED EXPERIENCE

2015 Characteristics of peripheral blood stem cell products
2013 Characteristics of buffy coat collected by extracorporeal photopheresis
2012- Antibodies of undetermined specificity
2011- Epidemiology of Thrombotic Thrombocytopenia purpura
2011- Patient-centered Blood Management
2006-2015 Blood Utilization in trauma and abdominal organ transplantation
2005-2006 The use of plasmapheresis in the treatment of antibody-mediated rejection of renal allografts
1998-2004 Blood donor motivation in the African American community of St. Louis
1992-1993 Association of influenza vaccine and false reactive EIA testing in blood donors
1989-1991 Design, coordinate, and evaluate clinical research with new plasma derivatives, American Red Cross, National Headquarters
1987-1988 Orientation of IgG on magnetic microspheres for further use in cell separation, Emory University School of Medicine
1986-1987 Coagulation abnormalities of patients with sickle cell anemia, Emory University School of Medicine
1986 Automation of a chromogenic plasminogen activator inhibitor assay by use of a centrifugal analyzer, Emory University School of Medicine
1986 Evaluation of an automatic platelet monitoring system: light scattering versus standard platelet monitoring test, American Red Cross, Atlanta Region

RESEARCH SUPPORT

4/1/14–3/31/15 R01 FD004090-03 (PI: Cairo, Co-I: Shenoy)
FDA/NYMC
“Ph2 of T-Cell Depl Familial Haploidentical SCT for tx-Hi-Risk Sickle Cell Anemia”
Role: Co-investigator 1% effort

PATENTS

None

CLINICAL TITLE AND RESPONSIBILITIES:

Medical Director, Transfusion Medicine Services , Barnes Jewish Hospital
Attending Physician, Transfusion Medicine Services, Barnes Jewish Hospital

TEACHING TITLE AND RESPONSIBILITIES:

Professor of Pathology and Immunology and Medicine
Responsibility for Housestaff and rotating medical student training

Recurring Teaching Lectures for Pathology Residents:

Blood component preparation
Appropriate use of blood components
Blood Bank Math
ABO system
Rh System
Lewis, I & P Blood Systems
MNS, Kell, Duffy and Kidd Blood Systems
Other Blood Groups
Therapeutic Apheresis
Acute Transfusion Reactions
Delayed Transfusion Reactions
Transmission-Transmitted Diseases
Blood Safety and Infectious Disease Testing
Blood Donor Questionnaire and Eligibility
Hemolytic Diseases of the Newborn
HLA System
Positive DAT and Immune-mediated Anemia
Platelets and WBC Antigens and Antibodies

Second Year Medical School Student Lectures

2010-2019 Transfusion Medicine I: Blood Bank Testing
2010-2019 Transfusion Medicine II: Blood Component Therapy and Transfusion Reactions

BIBLIOGRAPHY:

Peer reviewed manuscripts

1. Bloch EM, Shoham S, Casadevall A, Sachais BS, Shaz B, Winters JL, van Buskirk C, **Grossman BJ**, Joyner M, Henderson JP, Pekosz A, Lau B, Wesolowski A, Katz L, Shan H, Auwaerter PG, Thomas D, Sullivan DJ, Paneth N, Gehrie E, Spitalnik S, Hod E, Pollack L, Nicholson WT, Pirofski LA, Bailey JA, Tobian AA. Deployment of Convalescent Plasma for the Prevention and Treatment of COVID-19 *J Clin Invest.* 2020; [130\(6\)](https://doi.org/10.1172/JCI138745):2757-2765. <https://doi.org/10.1172/JCI138745>. PMID: 32254064
2. Afzal A, Tarbonova M, Despotis G, **Grossman BJ**. The CELLEX is comparable to the UVAR-XTS for the treatment of Acute and Chronic Graft Versus Host Disease (GVHD) *Transfusion* 2020; 60:351-357. PMID: 31919871
3. Cairo MS, Talano,JA, Moore, TB, Shi, Q, r Weinberg RS, **Grossman B**, Shenoy S . Familial Haploidentical Stem Cell Transplant in Children and Adolescents With High-Risk Sickle Cell Disease A Phase 2 Clinical Trial. *JAMA Pediatr.*2020; 174 (2): 195-197. PMID: 31816036
4. Cushing MM, Pagano MB, Jacobson J, Schwartz J, **Grossman BJ**, Kleinman S, Han MA, Cohn CS ,8 on behalf of the AABB Clinical Transfusion Medicine Committee. Pathogen reduced plasma products: a clinical practice scientific review from the AABB. *Transfusion.* 2019; 59: 2974-2988. PMID: 31268584
5. Thomasson RR, Yazer MH, Gorham JD, Dunbar NM; **MTP Use Study Investigators**. International assessment of massive transfusion protocol contents and indications for activation. *Transfusion.* 2019; 59: 1637-1643. PMID: 30720872.

6. Chionis L, **Grossman BJ**, Hachem R, et al. The efficacy of extracorporeal photopheresis to arrest bronchiolitis obliterans in lung allograft recipients was compared between two automated photopheresis instruments. *Transfusion*. 2018;58:2933-2941 PMID: 30312482
7. Otrrock ZK, **Grossman BJ**, Eby CS. Transfusion requirements and 30-day mortality predictors for adult hemophagocytic lymphohistiocytosis. *Int J Hematol*. 2018 Nov; 108(5):485-490. PMID: 30043331.
8. Brestoff JR, Tesfazghi MT, Zaydman MA, Jackups R Jr., Kim BS, Scott MG, Gronowski AM, **Grossman BJ**. The B antigen protects against the development of red meat allergy. *J Allergy Clin Immunol Pract*. 2018 Sep - Oct;6(5):1790-1791. PMID: 29510233.
9. ZK Otrrock, Liu C, **Grossman BJ**. Transfusion-related acute lung injury risk mitigation an update *Vox Sang*. 2017 Nov; 112(8):694-703. PMID: 28948604
10. Dunbar NM, Raval JS, Johnson A, Abikoff CM, Adamski J, Cooling LL, **Grossman B**, Kim HC, Marques MB, Morgan S, Schmidt AE, Sloan SR, Su LL, Szczepiorkowski ZM, West FB, Wong E, Schneiderman J. Extracorporeal photopheresis practice patterns: An international survey by the ASFA ECP subcommittee. *J Clin Apher*. 2017; 32:215-223. PubMed PMID: 27442906.
11. Bhamidipati PK, Fiala MA, **Grossman BJ**, DiPersio JF, Stokerl-Goldstein K, Gao F, Uy GL, Westervelt P, Schroeder MA, Cashen AF, Abboud CN, Vij R. Results of a Prospective Randomized, Open-Label, Noninferiority Study of Tbo-Filgrastim (Granix) versus Filgrastim (Neupogen) in Combination with Plerixafor for Autologous Stem Cell Mobilization in Patients with Multiple Myeloma and Non-Hodgkin Lymphoma. *Biol Blood Marrow Transplant*. 2017 Dec;23(12):2065-2069. PubMed PMID: 28797783.
12. Ghobadi A, Fiala MA, Ramsingh G, Gao F, Abboud CN, Stockerl-Goldstein K Uy GL, **Grossman BJ** Westervelt P, DiPersio JF. Fresh or Cryopreserved CD34+-Selected Mobilized Peripheral Blood Stem and Progenitor Cells for the Treatment of Poor Graft Function Following Allogeneic Hematopoietic Cell Transplantation. *Biol Blood Marrow Transplant*. 2017 Jul; 23(7):1072-1077. PMID: 28323004.
13. Liu, C., Schindler, E., LeRoy, M., Martin-Bredahl, K., Dino, M., Shah, K., Dynis, M., Eby, C. S. and **Grossman, B. J.** Safety and collection efficiency with a lower transfusion threshold for extracorporeal photopheresis in adult patients with graft-versus-host disease. *Vox Sang*. 2017; 379-387. PMID: 28271523.
14. Zou J, Romee R, Slade M, Phelan D, Keller, Mohanakumar T, **Grossman BJ**. Untreated donor specific antibodies against HLA are associated with poor outcomes in peripheral blood haploidentical hematopoietic cell transplantation. *Bone Marrow Transplant*. 2017; 898-901. PMID: 28218756
15. Otrrock Z, Sempek D, Carey S, **Grossman, BJ**. Adverse events of cryopreserved hematopoietic stem cells infusions in adults. A single-center observational study. *Transfusion*. 2017 Mar 16. doi: 10.1111/trf.14072. [Epub ahead of print] PMID: 28301051
16. Wilen C, Booth G, **Grossman BJ**, et al. Using direct antiglobulin test results to reduce unnecessary cold agglutinin testing. *Transfusion*. 2017 Jun; 57(6):1480-1484. PMID: 28266038
17. Zou J, Slade M, Romee R, Phelean D, Willey P, Mohanakumar, T. **Grossman BJ**. Prozone phenomenon complicates detection of donor specific antibodies in haploidentical hematopoietic cell transplant patient *Transplant Res J* 1(2): doi <http://dx.doi.org/10.16966/2473-1730.108>
18. Dunbar NM, Raval JS, Johnson A, Abikoff CM, Adamski J, Cooling LL, **Grossman B**, Kim HC, Marques MB, Morgan S, Schmidt AE, Sloan SR, Su LL, Szczepiorkowski ZM, West FB, Wong E, Schneiderman J. Extracorporeal photopheresis practice patterns: An international survey by the ASFA ECP subcommittee. *J Clin Apher*. 2017; 32:215-223. PubMed PMID: 27442906.
19. Carson JL, Guyatt G, Heddle NM, **Grossman BJ**, et al. Clinical Practice Guidelines from the AABB Red Blood Cell Transfusion Thresholds and Storage. *JAMA* 2016;316:2025-2035 PMID: 28301051
20. Heddle NM, Boeckh M, **Grossman B**, et al. AABB Committee Report: reducing transfusion-transmitted cytomegalovirus infections. *Transfusion* 2016; 56; 1581-1587. PMID: 26968400.

21. Mainou M, Alahdab F, Tobian AA, Asi N, Mohammed K, Murad MH, **Grossman BJ**. Reducing the risk of transfusion-transmitted cytomegalovirus infection: a systematic review and meta-analysis. *Transfusion*. 2016 56; 1569-1580. PMID:26826015
22. Liu C. **Grossman BJ**, Red blood cell transfusion for hematological disorders. *Hematology Am Soc Hematol Edu Program* 2015; 2015:454-461. PMID: 26637758.
23. Liu C, Vachharajani N, Song S, Cooke R; Kangra I, Chapman WC, Grossman **BJ**. A Quantitative Model to Predict Blood Use in Adult Orthotopic Liver Transplantation. *Transfus Apher Sci*. 2015 Dec;53(3):386-92 PMID: 26297190
24. Otrrock Z, Liu C, **Grossman BJ**. Platelet Transfusions in Thrombotic Thrombocytopenic Purpura.. *Vox Sanguis*. 2015;109: 168-172. PMID: 25900398
25. Kaufman RM, Djulbegovic B, Gernsheimer T, Kleinman S, Tinmouth AT, Capocelli KE, Cipolle MD, Cohn CS, Fung MK, **Grossman BJ**, Mintz PD, Sesok-Pizzini DA, Shander A, Stack GE, Webert KE, Weinstein R, Welch BG, Whitman GJ, Wong EC, Tobian AA. Platelet Transfusion: A Clinical Practice Guideline from the AABB. *Ann Intern Med*. 2015; 162:205-13. PMID:25383671
26. Kumar A., Mhaskar R, **Grossman BJ**, Kaufman R, et.al. for the Clinical Transfusion Medicine Committee of AABB Platelet transfusion – a systematic review of the clinical evidence. *Transfusion*. 2015 May; 55(5):1116-27. PMID: 25387589
27. Baskaran G, Ventkataswarup T, Ramachandran S, Aloush A, **Grossman B**, Hachaem R, Mohanakumar T. Efficacy of extracorporeal photopheresis in clearance of antibodies to donor-specific and lung specific antigens in lung transplant recipient. *J Heart Lung Transplant*. 2014;33:950-6 PMID: 24906794
28. Liu C, Weber C, Sempek D, **Grossman BJ**, Burnham CA. Sterility testing of apheresis hematopoietic progenitor cell products using an automated blood culture system. *Transfusion*. 2013; 53:2659-2666. PMID: 23438051
29. Liu C, Shah K, Dynis M, **Grossman BJ**. Linear relationship between lymphocyte counts in peripheral blood and buffy coat collected during extracorporeal photopheresis. *Transfusion* 2013; 53:2635-2643. PMID:23414109.
30. Liu C, **Grossman BJ**. Antibody of undetermined specificity: frequency, laboratory features, and natural history. *Transfusion*. 2013; 53(5):931-8 PMID: 23305295.
31. Liu C, Kallogjeri D, Dynis M, **Grossman BJ**, Platelet recovery rate during plasma exchange predicts early and late responses in patients with thrombotic thrombocytopenic purpura. *Transfusion*. 2013; 53:1096-1107. PMID: 22905833
32. Carson JL, **Grossman BJ**, Kleinman S, Tinmouth AT, et. al. Red Blood Cell Transfusion: A clinical practice guideline for the AABB. *Ann Intern Med*. 2012; 157:49-58. PMID: 22751760
33. Spencer DH, **Grossman BJ**, Scott MG. Red cell transfusion decrease Hemoglobin A1c in patients with diabetes (Letter). *Clin Chem* 2011; 57; 344-346. PMID: 21059826
34. Jackups R, **Grossman, BJ**. What is your guess: A donor going green? *Clin Chem* 2010; 56:1905-1906..
35. Kleinman S, **Grossman B**, Kopko P. A national survey of transfusion-related acute lung injury risk reduction policies for platelets and plasma in the US. *Transfusion* 2010; 50:1312-1321.
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