Stanford

Bertil Glader

Professor of Pediatrics (Hematology/Oncology) and, by courtesy, of Pathology

Pediatrics - Hematology & Oncology

Curriculum Vitae available Online

CLINICAL OFFICES

- **Bass Cancer Center for Childhood Cancer and Blood Diseases**

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Bio

CLINICAL FOCUS

- Pediatric Hematology-Oncology

ACADEMIC APPOINTMENTS

- Professor, Pediatrics - Hematology & Oncology
- Professor (By courtesy), Pathology
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Instructor in Pediatrics, Harvard Medical School, (1973-1974)
- Assistant Professor of Pediatrics, Harvard Medical School, (1974-1977)
- Associate Professor of Pediatrics, Stanford University, (1977-1987)
- Professor of Pediatrics, Stanford University, (1987- present)

PROFESSIONAL EDUCATION

- Fellowship: Boston Childrens Hospital Pediatric Hematology and Oncology Fellowship (1974) MA
- Residency: Children's Hospital Boston Medical Center Pediatric Residency (1973) MA
- Internship: Stanford University Pediatric Residency (1969) CA
- Medical Education: Northwestern University Feinberg School of Medicine (1968) IL
- Board Certification: Pediatrics, American Board of Pediatrics (1982)
- Board Certification: Pediatric Hematology-Oncology, American Board of Pediatrics (1982)
- Board Certification: Hematology, American Board of Pathology (1983)
- BA, Northwestern University , Philosophy (1961)

- PhD, University of Illinois , Physiology (1967)
- MD, Northwestern University , Medicine (1968)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Hematology/Oncology, biology, and treatment of bone marrow failure disorders, hereditary coagulation disorders-clinical trials.

CLINICAL TRIALS

- A Study of AG-348 in Adult Patients With Pyruvate Kinase Deficiency, Not Recruiting
- Pyruvate Kinase Deficiency Natural History Study, Not Recruiting

Teaching

COURSES

2019-20

- Science of Medicine III-B: INDE 223B (Win)

2018-19

- Science of Medicine III-B: INDE 223B (Win)

Publications

PUBLICATIONS

- **Immunosuppressive therapy for pediatric aplastic anemia: a North American Pediatric Aplastic Anemia Consortium study.** *Haematologica*
  Rogers, Z. R., Nakano, T. A., Olson, T. S., Bertuch, A. A., Wang, W., Gillio, A., Coates, T. D., Chawla, A., Castillo, P., Kurre, P., Gamper, C., Bennett, C. M., Joshi, et al
  2019

- **Prevalence and management of iron overload in pyruvate kinase deficiency: report from the Pyruvate Kinase Deficiency Natural History Study** *HAEMATOLOGICA*
  van Beers, E. J., van Straaten, S., Morton, D., Barcellini, W., Eber, S. W., Glader, B., Yaish, H. M., Chonat, S., Kwiatkowski, J. L., Rothman, J. A., Sharma, M., Neufeld, E. J., Sheth, et al
  2019; 104 (2): E51–E53

- **Addressing the diagnostic gaps in pyruvate kinase deficiency: Consensus recommendations on the diagnosis of pyruvate kinase deficiency** *AMERICAN JOURNAL OF HEMATOLOGY*
  Bianchi, P., Fermo, E., Glader, B., Kanno, H., Agarwal, A., Barcellini, W., Eber, S., Hoyer, J. D., Kuter, D. J., Maia, T., Manu-Pereira, M., Kalfa, T. A., Pissard, et al
  2019; 94 (1): 149–61

- **Safety and Efficacy of Mitapivat in Pyruvate Kinase Deficiency.** *The New England journal of medicine*
  Grace, R. F., Rose, C., Layton, D. M., Galactéros, F., Barcellini, W., Morton, D. H., van Beers, E. J., Yaish, H., Ravindranath, Y., Kuo, K. H., Sheth, S., Kwiatkowski, J. L., Barbier, et al
  2019; 381 (10): 933–44

- **Health Related Quality of Life and Fatigue in Patients with Pyruvate Kinase Deficiency**
  Van Beers, E. J., Kuo, K. M., Morton, D., Barcellini, W., Eber, S. W., Glader, B., Yaish, H. M., Chonat, S., Kollmar, N., Despotovic, J. M., Pospisilova, D., Knoll, C. M., Kwiatkowski, et al
  AMER SOC HEMATOLOGY.2018

- **Leucine for the Treatment of Transfusion Dependence in Patients with Diamond Blackfan Anemia**
  Vlachos, A., Atsidaftos, E., Muir, E., Rogers, Z. R., Lababidi, M., Alhushki, W., Farrar, J. E., Glader, B., Gruner, B., Hartung, H., Knoll, C. M., Nalepa, G., Narla, et al
  AMER SOC HEMATOLOGY.2018

- **Pharmacological Inhibition of Nlk (Nemo-like Kinase) Rescues Erythropoietic Defects in Pre-Clinical Models of Diamond Blackfan Anemia**
  Wilkes, M. C., Chen, J., Siva, K., Veretti, G., Dever, D. P., Youn, M., Chae, H., Mercado, J. D., Saxena, M., Narla, A., Glader, B., Porteus, M., Repellin, et al
  AMER SOC HEMATOLOGY.2018

- **Pklr Intron Splicing-Associated Mutations and Alternate Diagnoses Are Common in Pyruvate Kinase Deficient Patients with Single or No Pklr Coding Mutations**
  Lezon-Geyda, K., Rose, M. J., McNaull, M. A., Knoll, C. M., Yaish, H. M., Pastore, Y. D., Fermi, E., Glader, B., Bianchi, P., Grace, R. F., Gallagher, P. G.
  AMER SOC HEMATOLOGY.2018

- **Genotype-Response Correlation in DRIVE PK, a Phase 2 Study of AG-348 in Patients with Pyruvate Kinase Deficiency**
  Kung, C., Kosinski, P. A., Mangus, H., Hua, L., Connor, G., Mobilia, M., Sullivan, K., Frye, S., Jouvin, M., Grace, R. F., Glader, B., Bowden, C.
  AMER SOC HEMATOLOGY.2018

- **The Genetic Landscape of Diamond-Blackfan Anemia.** *American journal of human genetics*
  Ulirsch, J. C., Verboon, J. M., Kazerounian, S., Guo, M. H., Yuan, D., Ludwig, L. S., Handsaker, R. E., Abdulhay, N. J., Fiorini, C., Genovese, G., Lim, E. T., Cheng, A., Cummings, et al
  2018

- **Addressing the diagnostic gaps in pyruvate kinase (PK) deficiency: Consensus recommendations on the diagnosis of PK deficiency.** *American journal of hematology*
  Bianchi, P., Elisa Fermo, E., Glader, B., Kanno, H., Agarwal, A., Barcellini, W., Eber, S., Hoyer, J. D., Kuter, D. J., Maia, T. M., Del Mar Manu-Pereira, M., Kalfa, T. A., Pissard, et al
  2018

- **Hb Adana (HBA2 or HBA1: c.179G > A) and alpha thalassemia: Genotype-phenotype correlation** *PEDIATRIC BLOOD & CANCER*
  Singh, S. A., Sarangi, S., Appiah-Kubi, A., Hsu, P., Smith, W., Gallagher, P. G., Glader, B., Chui, D. K.
  2018; 65 (9): e27220

- **Red Blood Cell Enzyme Disorders** *PEDIATRIC CLINICS OF NORTH AMERICA*
  Grace, R. F., Glader, B.
  2018; 65 (3): 579-+

- **CLINICAL OUTCOME OF HB KHARTOUM/beta THALASSEMIA COMPOUND HETEROZYGOSITY: A GLIMPSE INTO HOMOZYGOUS HB KHARTOUM**
  Chien, M., Glader, B.
  WILEY.2018

- **Clinical spectrum of pyruvate kinase deficiency: data from the Pyruvate Kinase Deficiency Natural History Study** *BLOOD*
  Grace, R. F., Bianchi, P., van Beers, E. J., Eber, S. W., Glader, B., Yaish, H. M., Despotovic, J. M., Rothman, J. A., Sharma, M., McNaull, M. M., Fermo, E., Lezon-Geyda, K., Morton, et al
  2018; 131 (20): 2183–92

- **Increased Prevalence of Congenital Heart Disease in Children With Diamond Blackfan Anemia Suggests Unrecognized Diamond Blackfan Anemia as a Cause of Congenital Heart Disease in the General Population A Report of the Diamond Blackfan Anemia Registry** *CIRCULATION-GENOMIC AND PRECISION MEDICINE*
  Vlachos, A., Osorio, D. S., Atsidaftos, E., Kang, J., Lababidi, M., Seiden, H. S., Gruber, D., Glader, B. E., Onel, K., Farrar, J. E., Bodine, D. M., Aspesi, A., Dianzani, et al
  2018; 11 (5): e002044

- **EFFECTS OF AG-348, A PYRUVATE KINASE ACTIVATOR, IN PATIENTS WITH PYRUVATE KINASE DEFICIENCY: UPDATED RESULTS FROM THE DRIVE PK STUDY**
  Grace, R. F., Layton, D. M., Galacteros, F., Rose, C., Barcellini, W., Morton, D. H., van Beers, E., Yaish, H., Ravindranath, Y., Kuo, K., Sheth, S., Kwiatkowski, J. L., Silver, et al
  FERRATA STORTI FOUNDATION.2017: 164

- **Loss of FOXM1 promotes erythropoiesis through increased proliferation of erythroid progenitors.** *Haematologica*
  Youn, M., Wang, N., LaVasseur, C., Bibikova, E., Kam, S., Glader, B., Sakamoto, K. M., Narla, A.
  2017

- **Role of Mir-34 Upregulation in Disruption of c-Myc, c-Myb and NOTCH Signaling in Diamond-Blackfan Anemia**
  Wilkes, M., Bibikova, E., Youn, M., Lee, A., Eskin, A., Nelson, S., Glader, B., Narla, A., Sakamoto, K. M.

AMER SOC HEMATOLOGY.2016

- **Effects of AG-348, a Pyruvate Kinase Activator, on Anemia and Hemolysis in Patients with Pyruvate Kinase Deficiency: Data from the DRIVE PK Study**
  Grace, R. F., Rose, C., Layton, D., Yaish, H. M., Barcellini, W., Galacteros, F., Morton, D., Ravindranath, Y., Kuo, K. M., van Beers, E. J., Kwiatkowski, J. L., Silver, B. A., Merica, et al
  AMER SOC HEMATOLOGY.2016

- **Erythrocyte adenosine deaminase levels are elevated in Diamond Blackfan anemia but not in the 5q-syndrome** *AMERICAN JOURNAL OF HEMATOLOGY*
  Narla, A., Davis, N. L., Lavasseur, C., Wong, C., Glader, B.
  2016; 91 (12): E501–E502

- **A novel pathogenic mutation in RPL11 identified in a patient diagnosed with diamond Blackfan anemia as a young adult** *BLOOD CELLS MOLECULES AND DISEASES*
  Narla, A., Yuan, D., Kazerounian, S., LaVasseur, C., Ulirsch, J. C., Narla, J., Glader, B., Sankaran, V. G., Gazda, H.
  2016; 61: 46–47

- **In memoriam: Bernard G. Forget** *AMERICAN JOURNAL OF HEMATOLOGY*
  McCaffrey, R. P., Glader, B. E.
  2016; 91 (7): 653

- **EFFECTS OF AG-348, A PYRUVATE KINASE ACTIVATOR, ON ANEMIA AND HEMOLYSIS IN PATIENTS WITH PYRUVATE KINASE DEFICIENCY: EARLY DATA FROM THE DRIVE PK STUDY**
  Grace, R. F., Rose, C., Layton, D. M., Barcellini, W., Kwiatkowski, J. L., Silver, B., Merica, E., Kung, C., Cohen, M., Yang, H., Hixon, J., Kosinski, P. A., Silverman, et al
  FERRATA STORTI FOUNDATION.2016: 169

- **Anti-Mur as the most likely cause of mild hemolytic disease of the newborn** *TRANSFUSION*
  Bakhtary, S., Gikas, A., Glader, B., Andrews, J.
  2016; 56 (5): 1182-1184

- **Diagnosis of Pyruvate Kinase Deficiency.** *Pediatric blood & cancer*
  Gallagher, P. G., Glader, B.
  2016; 63 (5): 771-772

- **Updated analysis: central venous access device infection rates in an expanded cohort of paediatric patients with severe haemophilia receiving prophylactic recombinant tissue plasminogen activator.** *Haemophilia*
  McCarthy, C. E., O'Brien, M., Andrews, J., Zoland, J. M., Macasiray, E., Wong, W., Lo, C., Glader, B., TAMARESIS, J., Jeng, M.
  2016; 22 (1): 81-86

- **Anti-Mur as the most likely cause of mild hemolytic disease of the newborn.** *Transfusion*
  Bakhtary, S., Gikas, A., Glader, B., Andrews, J.
  2016; 56 (5): 1182–84

- **Hematologic outcomes after total splenectomy and partial splenectomy for congenital hemolytic anemia.** *Journal of pediatric surgery*
  Englum, B. R., Rothman, J., Leonard, S., Reiter, A., Thornburg, C., Brindle, M., Wright, N., Heeney, M. M., Jason Smithers, C., Brown, R. L., Kalfa, T., Langer, J. C., Cada, et al
  2016; 51 (1): 122–27

- **Hematologic outcomes after total splenectomy and partial splenectomy for congenital hemolytic anemia** *JOURNAL OF PEDIATRIC SURGERY*
  Englum, B. R., Rothman, J., Leonard, S., Reiter, A., Thornburg, C., Brindle, M., Wright, N., Heeney, M. M., Smithers, C. J., Brown, R. L., Kalfa, T., Langer, J. C., Cada, et al
  2016; 51 (1): 122-127

- **DRIVE PK: A Phase 2 Trial of AG-348 in Patients with Pyruvate Kinase Deficiency**
  Barbier, A., Silver, B., Merica, E., Cohen, M., Kung, C., Yang, H., Grace, R. F., Glader, B., Agresta, S.
  AMER SOC HEMATOLOGY.2015

- **The Phenotypic Spectrum of Pyruvate Kinase Deficiency (PKD) from the PKD Natural History Study (NHS): Description of Four Severity Groups By Anemia Status**
  Grace, R. F., Morton, D., Barcellini, W., Eber, S. W., Depsotovic, J. M., Knoll, C. M., Yaish, H. M., Newburger, P. E., Rothman, J., Thompson, A. A., Ravindranath, Y., Kunz, J., van Beers, et al

AMER SOC HEMATOLOGY.2015

- **Molecular Characterization of 140 Patients in the Pyruvate Kinase Deficiency (PKD) Natural History Study (NHS): Report of 20 New Variants**
  Bianchi, P., Fermo, E., Lezon-Geyda, K., Gallagher, P. G., Morton, D., Barcellini, W., Glader, B., Eber, S. W., Despotovic, J. M., Knoll, C. M., Yaish, H. M., Newburger, P. F., Rothman, et al
  AMER SOC HEMATOLOGY.2015

- **Loss of FoxM1 Promotes Erythroid Differentiation through Increased Proliferation of Erythroid Progenitors**
  Youn, M., Bibikova, E., LaVasseur, C., Glader, B., Sakamoto, K., Narla, A.
  AMER SOC HEMATOLOGY.2015

- **Point-of-Care Quantitative Measure of Glucose-6-Phosphate Dehydrogenase Enzyme Deficiency** *PEDIATRICS*
  Bhutani, V. K., Kaplan, M., Glader, B., Cotten, M., Kleinert, J., Pamula, V.
  2015; 136 (5): E1268-E1275

- **Point-of-Care Quantitative Measure of Glucose-6-Phosphate Dehydrogenase Enzyme Deficiency.** *Pediatrics*
  Bhutani, V. K., Kaplan, M., Glader, B., Cotten, M., Kleinert, J., Pamula, V.
  2015; 136 (5): e1268-75

- **Erythrocyte pyruvate kinase deficiency: 2015 status report** *AMERICAN JOURNAL OF HEMATOLOGY*
  Grace, R. F., Zanella, A., Neufeld, E. J., Morton, D. H., Eber, S., Yaish, H., Glader, B.
  2015; 90 (9): 825-830

- **THE CLINICAL FEATURES AND TREATMENT OF IRON OVERLOAD IN PYRUVATE KINASE DEFICIENCY (PKD): DATA FROM THE PKD NATURAL HISTORY STUDY (NHS)**
  Morton, D. H., Knoll, C., Rothman, J., Glader, B., Neufeld, E., Barcellini, W., Eber, S., Yaish, H., Despotovic, J., Thompson, A., Usmani, N., Nottage, K., Wang, et al
  FERRATA STORTI FOUNDATION.2015: 588

- **CATEGORIZATION OF CLINICAL SEVERITY IN PYRUVATE KINASE DEFICIENCY (PKD) IN AN INTERNATIONAL, OBSERVATIONAL COHORT**
  Grace, R., Barcellini, W., Eber, S., Kunz, J., Despotovic, J., Thompson, A., Morton, D. H., Glader, B., Yaish, H., Knoll, C., Rothman, J., Newburger, P., Nottage, et al
  FERRATA STORTI FOUNDATION.2015: 130–31

- **Clinical outcomes of splenectomy in children: Report of the splenectomy in congenital hemolytic anemia registry.** *American journal of hematology*
  Rice, H. E., Englum, B. R., Rothman, J., Leonard, S., Reiter, A., Thornburg, C., Brindle, M., Wright, N., Heeney, M. M., Smithers, C., Brown, R. L., Kalfa, T., Langer, et al
  2015; 90 (3): 187-192

- **Erythrocyte pyruvate kinase deficiency: 2015 status report.** *American journal of hematology*
  Grace, R. F., Zanella, A., Neufeld, E. J., Morton, D. H., Eber, S., Yaish, H., Glader, B.
  2015; 90 (9): 825–30

- **TNF-mediated inflammation represses GATA1 and activates p38 MAP kinase in RPS19-deficient hematopoietic progenitors.** *Blood*
  Bibikova, E., Youn, M., Danilova, N., Ono-Uruga, Y., Konto-Ghiorghi, Y., Ochoa, R., Narla, A., Glader, B., Lin, S., Sakamoto, K. M.
  2014; 124 (25): 3791-3798

- **Understanding the Role of Erythrocyte Adenosine Deaminase in the Ribosomopathies**
  Narla, A., Glader, B., Wong, C.
  AMER SOC HEMATOLOGY.2014

- **RPS19 Deficiency Leads to GATA1 Downregulation through TNF-Mediated p38 MAPK Activation**
  Youn, M., Bibikova, E., Danilova, N., Ono-Uruga, Y., Konto-Ghiorghi, Y., Ochoa, R., Narla, A., Glader, B., Lin, S., Sakamoto, K.
  AMER SOC HEMATOLOGY.2014

- **Novel protocol including liver biopsy to identify and treat CD8+ T-cell predominant acute hepatitis and liver failure.** *Pediatric transplantation*
  McKenzie, R. B., Berquist, W. E., Nadeau, K. C., Louie, C. Y., Chen, S. F., Sibley, R. K., Glader, B. E., Wong, W. B., Hofmann, L. V., Esquivel, C. O., Cox, K. L.
  2014; 18 (5): 503-509

- **The role of the DNA damage response in zebrafish and cellular models of Diamond Blackfan anemia.** *Disease models & mechanisms*

Danilova, N., Bibikova, E., Covey, T. M., Nathanson, D., Dimitrova, E., Konto, Y., Lindgren, A., Glader, B., Radu, C. G., Sakamoto, K. M., Lin, S.
2014; 7 (7): 895-905

- **Novel deletion of RPL15 identified by array-comparative genomic hybridization in Diamond-Blackfan anemia** *HUMAN GENETICS*
  Landowski, M., O'Donohue, M., Buros, C., Ghazvinian, R., Montel-Lehry, N., Vlachos, A., Sieff, C. A., Newburger, P. E., Niewiadomska, E., Matysiak, M., Glader, B., Atsidaftos, E., Lipton, et al
  2013; 132 (11): 1265-1274

- **Immune Thrombocytopenia in Children Less Than 1 Year of Age: A Single-institution 10-year Experience.** *Journal of pediatric hematology/oncology*
  Lo, C., Wong, W., Glader, B., Jeng, M.
  2013; 35 (5): 406-408

- **MONTHLY RECOMBINANT TISSUE PLASMINOGEN ACTIVATOR ADMINISTRATION TO IMPLANTABLE CENTRAL VENOUS ACCESS DEVICES DECREASES INFECTIONS IN CHILDREN WITH HEMOPHILIA: UPDATED ANALYSIS FROM AN EXPANDED COHORT**
  McCarthy, C., Zoland, J., Macasiray, E., Wong, W., Glader, B., Jeng, M.
  WILEY-BLACKWELL.2013: S17–S17

- **Multiple clinical forms of dehydrated hereditary stomatocytosis arise from mutations in PIEZO1.** *Blood*
  Andolfo, I., Alper, S. L., De Franceschi, L., Auriemma, C., Russo, R., De Falco, L., Vallefuoco, F., Esposito, M. R., Vandorpe, D. H., Shmukler, B. E., Narayan, R., Montanaro, D., D'Armiento, et al
  2013; 121 (19): 3925-?

- **Multiple clinical forms of dehydrated hereditary stomatocytosis arise from mutations in PIEZO1** *BLOOD*
  Andolfo, I., Alper, S. L., De Franceschi, L., Auriemma, C., Russo, R., De Falco, L., Vallefuoco, F., Esposito, M. R., Vandorpe, D. H., Shmukler, B. E., Narayan, R., Montanaro, D., D'Armiento, et al
  2013; 121 (19): 3925-3935

- **Erythrocyte adenosine deaminase: diagnostic value for Diamond-Blackfan anaemia** *BRITISH JOURNAL OF HAEMATOLOGY*
  Fargo, J. H., Kratz, C. P., Giri, N., Savage, S. A., Wong, C., Backer, K., Alter, B. P., Glader, B.
  2013; 160 (4): 547-554

- **Neonatal hemolysis** *NEONATAL HEMATOLOGY: PATHOGENESIS, DIAGNOSIS, AND MANAGEMENT OF HEMATOLOGIC PROBLEMS, 2ND EDITION*
  Glader, B., Allen, G. A., DeAlarcon, P. A., Werner, E. J., Christensen, R. D.
  2013: 91–117

- **Stable Factor IX Activity Following AAV-Mediated Gene Transfer in Patients with Severe Hemophilia B** *54th Annual Meeting and Exposition of the American-Society-of-Hematology (ASH)*
  Davidoff, A., Tuddenham, E. G., Rangarajan, S., Rosales, C., McIntosh, J., Chowdary, P., Riddell, A., Glader, B., Rustagi, P., Ng, C., Kay, M., Zhou, J., Spence, et al
  AMER SOC HEMATOLOGY.2012

- **Frameshift mutation in p53 regulator RPL26 is associated with multiple physical abnormalities and a specific pre-ribosomal RNA processing defect in diamond-blackfan anemia** *HUMAN MUTATION*
  Gazda, H. T., Preti, M., Sheen, M. R., O'Donohue, M., Vlachos, A., Davies, S. M., Kattamis, A., Doherty, L., Landowski, M., Buros, C., Ghazvinian, R., Sieff, C. A., Newburger, et al
  2012; 33 (7): 1037-1044

- **Adenovirus-Associated Virus Vector-Mediated Gene Transfer in Hemophilia B** *NEW ENGLAND JOURNAL OF MEDICINE*
  Nathwani, A. C., Tuddenham, E. G., Rangarajan, S., Rosales, C., McIntosh, J., Linch, D. C., Chowdary, P., Riddell, A., Pie, A. J., Harrington, C., O'Beirne, J., Smith, K., Pasi, et al
  2011; 365 (25): 2357-2365

- **Adeno-Associated Viral Vector Mediated Gene Transfer for Hemophilia B** *53rd Annual Meeting and Exposition of the American-Society-of-Hematology (ASH)*
  Nathwani, A. C., Tuddenham, E. G., Rangarajan, S., Rosales, C., McIntosh, J. H., Linch, D. C., Chowdary, P., Griffioen, A., Riddell, A., Pie, J., Harrington, C., O'Beirne, J., Smith, et al
  AMER SOC HEMATOLOGY.2011: 4–5

- **A Phase I/II clinical trial entailing peripheral vein administration of a novel self complementary adeno-associated viral vector encoding human FIX for Haemophilia B gene therapy**
  Nathwani, A., Tuddenham, E. D., Rosales, C., Macintosh, J., Chowdary, P., Riddell, A., Aghighi, S., Griffioen, A., Pie, J., Harrington, C., Glader, B., Ng, C. C., Kay, et al

MARY ANN LIEBERT INC.2011: A20

- **Reduced ribosomal protein gene dosage and p53 activation in low-risk myelodysplastic syndrome** *BLOOD*
  McGowan, K. A., Pang, W. W., Bhardwaj, R., Perez, M. G., Pluvinage, J. V., Glader, B. E., Malek, R., Mendrysa, S. M., Weissman, I. L., Park, C. Y., Barsh, G. S.
  2011; 118 (13): 3622-3633

- **Dose-dependent activation of capsid-specific T cells after AAV serotype 8 vector administration in a clinical study for hemophilia B**
  Mingozzi, F., Basner-Tschakarjan, E., Chen, Y., Nathwani, A. C., Tuddenham, E. D., Rosales, C., McIntosh, J., Riddell, A., Rustagi, P., Glader, B., Kay, M. A., Allay, J., Coleman, et al
  WILEY-BLACKWELL.2011: 761–62

- **IMMUNE-MEDIATED THROMBOCYTOPENIA IN CHILDREN LESS THAN 1 YEAR OF AGE: A SINGLE-INSTITUTION 10-YEAR EXPERIENCE**
  Lo, C., Newman, A., Wong, W., Glader, B., Jeng, M.
  WILEY-BLACKWELL.2011: 915–15

- **A phase i/ii clinical trial entailing peripheral vein administration of a novel self complementary adeno-associated viral vector encoding human fix for haemophilia b gene therapy**
  Nathwani, A. C., Tuddenham, E. D., Rosales, C., Macintosh, J., Chowdary, P., Riddell, A., Aghighi, S., Lilley, P., Yee, T., Griffioen, A., Pie, J., Harrington, C., Glader, et al
  MARY ANN LIEBERT INC.2011: A7–A8

- **Functional characterization and modified rescue of novel AE1 mutation R730C associated with overhydrated cation leak stomatocytosis** *AMERICAN JOURNAL OF PHYSIOLOGY-CELL PHYSIOLOGY*
  Stewart, A. K., Kedar, P. S., Shmukler, B. E., Vandorpe, D. H., Hsu, A., Glader, B., Rivera, A., Brugnara, C., Alper, S. L.
  2011; 300 (5): C1034-C1046

- **Development of Antibodies to Human Thrombin and Factor V in a Patient Exposed to Topical Bovine Thrombin** *PEDIATRIC BLOOD & CANCER*
  Lo, C. Y., Jones, C., Glader, B., Zehnder, J. L.
  2010; 55 (6): 1195-1197

- **Adrenal and renal corticomedullary junction iron deposition in red cell aplasia** *PEDIATRIC RADIOLOGY*
  Rakow-Penner, R., Glader, B., Yu, H., Vasanawala, S.
  2010; 40 (12): 1955-1957

- **Haploinsufficiency of Ribosomal Protein S6 In Mice Mimics Bone Marrow Failure Syndromes In Humans** *52nd Annual Meeting and Exposition of the American-Society-of-Hematology (ASH)*
  Park, C. Y., McGowan, K. A., Glader, B., Barsh, G. S., Weissman, I. L.
  AMER SOC HEMATOLOGY.2010: 89–89

- **Array Comparative Genomic Hybridization of Ribosomal Protein Genes In Diamond-Blackfan Anemia Patients; Evidence for Three New DBA Genes, RPS8, RPS14 and RPL15, with Large Deletion or Duplication**
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