Stanford

Bertil Glader

Stanford Medicine Professor of Pediatric Hematology/Oncology and Professor, 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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  Palo Alto, CA 94304

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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

- Internship: Stanford Health Care at Lucile Packard Children's Hospital (1969) CA
- Fellowship: Boston Childrens Hospital Pediatric Hematology and Oncology Fellowship (1974) MA
- Residency: Children's Hospital Boston Medical Center Pediatric Residency (1973) MA
- 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 Participants With Pyruvate Kinase (PK) Deficiency, 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

- **SLC25A38 Congenital Sideroblastic Anemia: Phenotypes and genotypes of 31 individuals from 24 families, including 11 novel mutations, and a review of the literature.** *Human mutation*
  Heeney, M. M., Berhe, S., Campagna, D. R., Oved, J. H., Kurre, P., Shaw, P. J., Teo, J., Shanap, M. A., Hassab, H. M., Glader, B. E., Shah, S., Yoshimi, A., Ameri, et al
  2021
- **The active component of Ginseng, Ginsenoside Rb1, improves erythropoiesis in models of Diamond Blackfan Anemia by targeting Nemo-like Kinase.** *The Journal of biological chemistry*
  Wilkes, M. C., Jung, K., Lee, B. E., Saxena, M., Sathianathen, R. S., Mercado, J. D., Perez, C., Flygare, J., Narla, A., Glader, B., Sakamoto, K. M.
  2021: 100988
- **Pyruvate kinase deficiency in children.** *Pediatric blood & cancer*
  Chonat, S., Eber, S. W., Holzhauer, S., Kollmar, N., Morton, D. H., Glader, B., Neufeld, E. J., Yaish, H. M., Rothman, J. A., Sharma, M., Ravindranath, Y., Wang, H., Breakey, et al
  2021: e29148
- **Lentiviral Mediated Gene Therapy for Pyruvate Kinase Deficiency: Updated Results of a Global Phase 1 Study for Adult and Pediatric Patients**
  Lopez Lorenzo, J., Shah, A. J., Navarro, S., Sevilla, J., Llanos, L., Perez Camino de Gaisse, B., Sanchez, S., Glader, B., Chien, M., Quintana-Bustamante, O., Beard, B. C., Law, K. M., Zeini, et al
  CELL PRESS.2021: 42-43
- **Metformin-induced suppression of NLK improves erythropoiesis in pre-clinical models of Diamond Blackfan Anemia through induction of miR-26a.** *Experimental hematology*
  Wilkes, M. C., Siva, K., Varetti, G., Mercado, J., Wentworth, E. P., Perez, C., Saxena, M., Kam, S., Kapur, S., Chen, J., Narla, A., Glader, B., Lin, et al
  2020
- **Diamond Blackfan anemia is mediated by hyperactive Nemo-like kinase.** *Nature communications*
  Wilkes, M. C., Siva, K., Chen, J., Varetti, G., Youn, M. Y., Chae, H., Ek, F., Olsson, R., Lundback, T., Dever, D. P., Nishimura, T., Narla, A., Glader, et al
  2020; 11 (1): 3344
- **The variable manifestations of disease in pyruvate kinase deficiency and their management.** *Haematologica*

Al-Samkari, H., van Beers, E. J., Kuo, K. H., Barcellini, W., Bianchi, P., Glenthoj, A. B., Manu-Pereira, M., van Wijk, R., Glader, B., Grace, R. F.
2020

- **Genotype-Phenotype Correlation and Molecular Heterogeneity in Pyruvate Kinase Deficiency.** *American journal of hematology*
  Bianchi, P., Fermo, E., Lezon-Geyda, K., van Beers, E., Morton, D. H., Barcellini, W., Glader, B., Chonat, S., Ravindranath, Y., Newburger, P., Kollmar, N., Despotovic, J., Verhovsek, et al
  2020

- **The pyruvate kinase (PK) to hexokinase enzyme activity ratio and erythrocyte PK protein level in the diagnosis and phenotype of PK deficiency.** *British journal of haematology*
  Al-Samkari, H. n., Addonizio, K. n., Glader, B. n., Morton, D. H., Chonat, S. n., Thompson, A. A., Kuo, K. H., Ravindranath, Y. n., Wang, H. n., Rothman, J. A., Kwiatkowski, J. L., Kung, C. n., Kosinski, et al
  2020

- **The variable manifestations of disease in pyruvate kinase deficiency and their management.** *Haematologica*
  Al-Samkari, H. n., Van Beers, E. J., Kuo, K. H., Barcellini, W. n., Bianchi, P. n., Glenthøj, A. n., Del Mar Mañú Pereira, M. n., Van Wijk, R. n., Glader, B. n., Grace, R. F.
  2020; 105 (9): 2229–39

- **Comorbidities and complications in adults with pyruvate kinase deficiency.** *European journal of haematology*
  Boscoe, A. N., Yan, Y. n., Hedgeman, E. n., van Beers, E. J., Al-Samkari, H. n., Barcellini, W. n., Eber, S. W., Glader, B. n., Yaish, H. M., Chonat, S. n., Sharma, M. n., Kuo, K. H., Neufeld, et al
  2020

- **Characterization of the Severe Phenotype of Pyruvate Kinase Deficiency.** *American journal of hematology*
  Al-Samkari, H. n., van Beers, E. J., Morton, D. H., Barcellini, W. n., Eber, S. W., Glader, B. n., Yaish, H. M., Chonat, S. n., Kuo, K. H., Kollmar, N. n., Despotovic, J. M., Pospíšilová, D. n., Knoll, et al
  2020

- **L-leucine improves anemia and growth in patients with transfusion-dependent Diamond-Blackfan anemia: Results from a multicenter pilot phase I/II study from the Diamond-Blackfan Anemia Registry.** *Pediatric blood & cancer*
  Vlachos, A. n., Atsidaftos, E. n., Lababidi, M. L., Muir, E. n., Rogers, Z. R., Alhushki, W. n., Bernstein, J. n., Glader, B. n., Gruner, B. n., Hartung, H. n., Knoll, C. n., Loew, T. n., Nalepa, et al
  2020: e28748

- **Pharmacological Inhibition of Nemo-like Kinase Rescues mTOR-Mediated Translation and Primes Progenitors for Leucine-Stimulated Erythroid Expansion in Pre-Clinical Models of Diamond Blackfan Anemia**
  Wilkes, M. C., Mercado, J. D., Saxena, M., Chen, J., Siva, K., Chae, H., Youn, M., Wentworth, E., Jung, K., Sathianathen, R., Patel, H., Glader, B., Narla, et al
  AMER SOC HEMATOLOGY.2019

- **Long-Term Safety and Efficacy of Mitapivat (AG-348), a Pyruvate Kinase Activator, in Patients with Pyruvate Kinase Deficiency: The DRIVE PK Study**
  Grace, R. F., Layton, D., Galacteros, F., Barcellini, W., van Beers, E. J., Yaish, H. M., Ravindranath, Y., Kuo, K. M., Sheth, S., Kwiatkowski, J. L., Hua, L., Hawkins, P. F., Mix, et al
  AMER SOC HEMATOLOGY.2019

- **An Ongoing Global, Longitudinal, Observational Study of Patients with Pyruvate Kinase Deficiency: The PEAK Registry**
  Grace, R. F., Bianchi, P., Glader, B., Glenthoj, A., Jones, B., Kanno, H., Kuo, K. M., Layton, D., van Beers, E. J., Corrons, J., Xu, T.
  AMER SOC HEMATOLOGY.2019

- **Pyruvate Kinase (PK) Protein and Enzyme Levels in the Diagnosis and Clinical Phenotype of PK Deficiency**
  Addonizio, K., Al-Samkari, H., Glader, B., Morton, D., Chonat, S., Thompson, A. A., Kuo, K. M., Ravindranath, Y., Wang, H., Rothman, J. A., Kwiatkowski, J. L., Kung, C., Kosinski, et al
  AMER SOC HEMATOLOGY.2019

- **Comorbidities and Complications in Adults with Pyruvate Kinase Deficiency**
  Boscoe, A. N., Yan, Y., Hedgeman, E., van Beers, E. J., Al-Samkari, H., Barcellini, W., Eber, S. W., Glader, B., Yaish, H. M., Chonat, S., Rothman, J. A., Sharma, M., Kollmar, et al
  AMER SOC HEMATOLOGY.2019

- **Characterization of the Severe Phenotype of Pyruvate Kinase Deficiency**
  Al-Samkari, H., Van Beers, E. J., Morton, D., Barcellini, W., Eber, S. W., Glader, B., Yaish, H. M., Chonat, S., Kuo, K. M., Kollmar, N., Despotovic, J. M., Pospisilova, D., Knoll, et al

AMER SOC HEMATOLOGY.2019

- **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; 104 (10): 1974–83

- **MMP9 inhibition increases erythropoiesis in RPS14-deficient del(5q) MDS models through suppression of TGF-beta pathways.** *Blood advances*
  Youn, M., Huang, H., Chen, C., Kam, S., Wilkes, M. C., Chae, H., Sridhar, K. J., Greenberg, P. L., Glader, B., Narla, A., Lin, S., Sakamoto, K. M.
  2019; 3 (18): 2751–63

- **INHIBITION OF NEMO-LIKE KINASE IMPROVES ERYTHROPOIESIS IN MODELS OF DIAMOND BLACKFAN ANEMIA**
  Takasaki, K., Wilkes, M., Chen, J., Siva, K., Varetti, G., Dever, D., Youn, M., Chae, H., Mercado, J., Saxena, M., Narla, A., Glader, B., Porteus, et al
  WILEY.2019

- **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. n., Layton, D. M., Galactéros, F. n., Barcellini, W. n., Morton, D. H., van Beers, E. J., Yaish, H. n., Ravindranath, Y. n., Kuo, K. H., Sheth, S. n., 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

- **Anemia in Children** *ANEMIA: PATHOPHYSIOLOGY, DIAGNOSIS, AND MANAGEMENT*

  Wong, W., Glader, B., Benz, E. J., Berliner, N., Schiffman, F. J.

  2018: 34-38

- **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. n., Gikas, A. n., Glader, B. n., Andrews, J. n.
  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. n., Leonard, S. n., Reiter, A. n., Thornburg, C. n., Brindle, M. n., Wright, N. n., Heeney, M. M., Jason Smithers, C. n., Brown, R. L., Kalfa, T. n., 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. n., Neufeld, E. J., Morton, D. H., Eber, S. n., Yaish, H. n., Glader, B. n.
  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

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