

NYBCe RESEARCHER PROFILE



PATRICIA SHI, MD

Medical Director and Head, Clinical Research
in Sickle Cell Disease

BACKGROUND

Degree Institutions

- Duke University, MD

Postdoctoral Institutions

- Fellowship in Hematology; Hematology Branch, NHLBI, NIH
- Fellowship in Transfusion Medicine; Johns Hopkins

AREAS OF RESEARCH

- Sickle Cell Disease
- Cell Therapy
- Stem Cell Collections

KEY PUBLICATIONS



CONTACT

To contact the lab, email Dr. Shi at PShi@nybc.org
or the Office of Sponsored Programs at
researchadmin@nybc.org.

To learn more about NYBCe patents and licensing, visit
our webpage: nybce.org/patents.

NYBCe LAB DESCRIPTION

Laboratory of Clinical Research in Sickle Cell Disease: the team is interested in translational research in sickle cell disease, with the goal of helping to develop new therapies for sickle cell disease.

The lab initiated and completed phase I trials of intravenous gammaglobulin for pain crisis and plerixafor mobilization of hematopoietic stem cells for gene therapy. The lab has studied ways to improve hematopoietic progenitor cell collections in SCD, the use of therapeutic plasma exchange in SCD, red cell exchange practices in SCD.

INDUSTRY & ACADEMIC PARTNER COLLABORATIONS

- Northwell Health: Associate Professor
- Albert Einstein: Associate Professor
- AABB: Editorial Board for Transfusion Journal
- ASH: Committee Member
- Foundation for the Accreditation of Cellular Therapy: Committee Member
- American Society of Apheresis: Chair, Sickle Cell Disease Research Committee
- NIH Cure Sickle Cell Initiative: Member
- Parenteral Drug Association: Committee Member
- Terumo: Study Collaborator
- Global Blood Therapeutics (GBT): Past Study Collaborator

COLLABORATIONS OF INTEREST

- Companies or academics interested in developing new therapies for sickle cell disease and/or in improving techniques and processes for collection of cellular therapy products.

