

NYBCe RESEARCHER PROFILE



KARINA YAZDANBAKHSH, PhD

Vice President and Director
Research Development, LFKRI
Head, Laboratory of Complement Biology

BACKGROUND

- **Doctoral Training**
PhD, Molecular Biology, National Institute for Medical Research (MRC), Mill Hill, London, UK
- **Postdoctoral Training**
Columbia University
Rockefeller University

AREAS OF RESEARCH

- Transfusion Immunology
- Immunological response to hemolysis
- Platelet autoimmunity

KEY PUBLICATIONS



CONTACT

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

To learn more about NYBCe patents and licensing, visit our webpage: <https://www.nybce.org/our-research/nybce-technology-discoveries/>.

NYBCe LAB DESCRIPTION

- Laboratory of Complement Biology works to:
- Understand immune pathobiology of blood disorders including sickle cell disease and platelet disorders
 - Study the consequences of transfusions and response to medication in hematological disorders.

INDUSTRY & ACADEMIC PARTNER COLLABORATIONS

- Key committees: Member of the ASH Scientific Affairs Committee; Member of ASH Task Force on PhD Careers, Member of AABB Annual Meeting Scientific Program Task Force
- Editorial Board of Transfusion
- Section Editor for Current Opinion for Hematology-Immunohematology and Transfusion Medicine

EXTERNAL COLLABORATIONS OF INTEREST

- Immune pathogenesis of autoimmune diseases
- Immunological consequences of transfusion, transplantation, and gene therapies

RECENT ACCOMPLISHMENTS

Dr. Yazdanbakhsh received the prestigious Outstanding Investigator Award from the National Heart Lung and Blood Institute (NHLBI) and is the Program Director of an NHLBI-funded Program Project Grant on the role of hemolysis and transfusion complications in sickle cell disease and thalassemia.

