

NYBCe RESEARCHER PROFILE



BRUCE SACHAIS, MD, PhD

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NYBCe Chief Medical Officer

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BACKGROUND

- **Doctoral Training**
Washington University - MD and PhD (Neuroscience)
- **Postdoctoral Training**
University of Pennsylvania, School of Medicine
Residency in Laboratory Medicine
Fellowship in Transfusion and Apheresis Medicine
 - Postdoctoral Research with Dr. Douglas Cines
 - Certificate in Patient Oriented Research

AREAS OF RESEARCH

- Transfusion Medicine
- Hematology Therapeutics
- Translational Research

NON-EXPIRED AWARDED PATENTS

- PCT/US2021/071635 and PCT/US2022/021370 - Small molecule antagonists of PF4 - Pending

KEY PUBLICATIONS



CONTACT

To contact the lab, email Dr. Sachais at TRDL@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

The Translational Research and Development Laboratory (TRDL) - focused on translating important scientific innovations into products and services to help patients suffering from blood diseases and/or otherwise in need of safe, effective blood transfusions.

INDUSTRY & ACADEMIC PARTNER COLLABORATIONS

- University of Delaware: Affiliated Faculty
- Weill Medical College of Cornell University: Professor, Pathology and Laboratory Medicine
- KaloCyte: Board Observer
- American Society for Apheresis: Past President
- The Americas for the International Society for Apheresis: Vice President
- Delaware Bio Association: Member
- FCCDC and Jefferson Medical College: Collaboration
- Medical Society of Delaware: Member

EXTERNAL COLLABORATIONS OF INTEREST

Ideal partnerships involve others with great science and the need for expertise in work with blood, manufacture of blood products or other aspects of the blood products industry. The TRDL offers development, contract for service, consulting, and wet diligence services.

TRDL Services:

- Blood component preparation
- Analysis of whole blood and blood components (RBCs, platelets, plasma, and white cells)
- Immunohematology
- Plasma and whole blood coagulation
- Other biological analyses

