

**University of Maryland School of Medicine
46th Annual Medical Student Research Day**

Keynote Speaker Short Bio

Jonathan S. Bromberg, MD, PhD

Dr. Bromberg attended Harvard College, graduating Phi Beta Kappa and summa cum laude. He then received an MD and PhD in Immunology from Harvard Medical School, where he worked with Drs. Baruj Benacerraf and Mark Greene researching regulatory T cells. He completed his general surgery residency at the University of Washington before completing a fellowship in transplantation at the Hospital of the University of Pennsylvania. He has received numerous academic awards including the American Society of Transplant Surgeons' Sandoz Fellowship Award (1988-1990), the Mary Jane Kugel Award from the Juvenile Diabetes Foundation (2000), and the American Society of Transplantation's Basic Science Investigator Award (2013), in addition to recently being named the distinguished Charles Reid Edwards, MD Professorship in Surgery at the University of Maryland School of Medicine (2022).

In addition to maintaining an active clinical practice in transplant surgery, Dr. Bromberg has been a world-renowned researcher in T cell immunology. His primary area of research involves understanding the underlying mechanisms of tolerance in solid organ transplantation, specifically the migration and trafficking of innate and adaptive immune cells, secondary lymphoid organ structure and function, the role of the gut microbiota on transplant outcomes, and the induction and activity of regulatory T cells. He is the principal investigator of multiple NIH and other national society grants for basic science, translational, and clinical research in transplantation. Throughout his career, Dr. Bromberg has been heavily involved in medical education, mentoring and precepting dozens of medical and PhD students, residents, and post-docs. His mentorship achievements in education as the Vice Chair for Research and the Director of Research in the Division of Transplantation at the University of Maryland have complemented his administrative services for the university and department of surgery. Dr. Bromberg has been invited to give lectures and grand rounds presentations around the world, and he has been recognized in *New York*, *Washington*, and *Baltimore* magazines' "Best Doctors".