

**Seth J. Karp, M.D.**

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Seth Karp, M.D., is the Surgeon-in-Chief at Vanderbilt University Medical Center in Nashville, TN. Concurrently, Dr. Karp serves as the Director of the Vanderbilt Transplant Center and as Chair of the Section of Surgical Sciences and Professor of Surgery and Anesthesiology at the Vanderbilt University School of Medicine. He attained his A.B. in physics and astrophysics and his A.M. in astrophysics at Harvard and an M.D. in the joint Harvard/Massachusetts Institute of Technology Program in Health Sciences and Technology. He completed his residency at Brigham and Women's Hospital in Boston and fellowship at Johns Hopkins Hospital in Baltimore.

Dr. Karp is an active transplant surgeon specializing in liver transplantation. Throughout his career, Dr. Karp has been active in the transplant community at the national level. He served in numerous national leadership positions in the American Society of Transplant Surgeons (ASTS) and the Organ Procurement and Transplantation Network (OPTN)/United Network for Organ Sharing (UNOS). Dr. Karp served as a Member of the OPTN/UNOS Membership and Professional Standards Committee and currently serves as Councillor for UNOS Region 11, and in this role, on the UNOS Board of Directors. He Chaired the American Transplant Congress, is deputy editor of the *American Journal of Transplantation*, and is on the editorial board of *Cellular and Molecular Gastroenterology and Hepatology*, a basic and translational science journal. He is a recipient of the ASTS Vanguard Prize and is a fellow of the American Surgical Association.

Dr. Karp's clinical research interests include increasing the number of organs available for transplantation, optimizing the use of all organs, and understanding and improving disparities in access to care for rural and underserved populations. Dr. Karp also maintains a basic research laboratory investigating the mechanisms of liver regeneration. In particular, he is interested in molecules and mechanisms necessary for liver regeneration, as well as how liver cells interact and pattern the surrounding extracellular matrix. These clinical and basic research efforts have included support from NIH grants. Dr. Karp has published extensively in peer-reviewed journals related to organ transplantation and donation. He has given presentations nationally and in China, Japan, and Europe on clinical and research issues in transplantation.