

Bartley Griffith & Muhammad Mohiuddin

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Clinical Director, Scientific/Program Director of Cardiac Xenotransplantation Program University of Maryland Medical System

Dr. Bartley Griffith and Dr. Muhammad Mohiuddin are trailblazers in the field of xenotransplantation, having achieved global recognition for performing the world's first pig-to-human heart transplants at the University of Maryland Medical Center. Addressing a



critical shortage in available donor organs, their groundbreaking work offers new hope for patients who are ineligible for human organ transplants.

Griffith, the Thomas E. and Alice Marie Hales Distinguished Professor and vice chair for innovation at the University of Maryland School of Medicine, is a pioneer in heart and lung transplantation. Throughout his distinguished career, he has made significant contributions to the development of artificial organs, including the Breethe artificial lung. His collaboration in the first-ever pig heart transplant in 2022 marked a milestone in medical history and he continues to push the boundaries of surgical innovation.

Mohiuddin, professor of surgery and director of the Cardiac Xenotransplantation Program at UMMC, has devoted over three decades to the field of xenotransplantation. His extensive research on genetically modified pig hearts has been instrumental in reducing the risk of organ rejection, making these transplants a viable option for human patients. As the current president of the International Xenotransplantation Association, Mohiuddin's work is not only saving lives but also reshaping the future of organ transplantation.

Together, Griffith and Mohiuddin exemplify the power of collaboration and innovation in medicine. Their shared vision and relentless pursuit of excellence have brought closer to a future where xenotransplantation could become a standard treatment, potentially saving millions of lives worldwide.