

## For Immediate Release



Date May 12, 2017  
Denise Eilers, President  
Home Dialyzors United (HDU)

HDU is proud to announce a partnership with The Kidney Project. This international research and development effort is led by Shuvo Roy, PhD, and William H. Fissell, MD, from University of California San Francisco (UCSF) and Vanderbilt University, respectively. Dr. Roy serves as the Technical Director of The Kidney Project and is a faculty member in the Department of Bioengineering and Therapeutic Sciences, Schools of Pharmacy and Medicine at UCSF. Dr. Fissell serves as the Medical Director and is an Associate Professor of Medicine in Nephrology and Hypertension at Vanderbilt University Medical Center. Their combined expertise embodies all that HDU believes is possible for the future treatment of end stage renal disease (ESRD).

The Kidney Project is bringing together researchers from around the world in an unprecedented collaboration to create an implantable bioartificial kidney that will change the lives of ESRD patients. The bioartificial kidney will offer a new treatment option beyond the short-term solution of renal dialysis and the longer-term solution of a kidney transplant for which donor organs are severely limited.

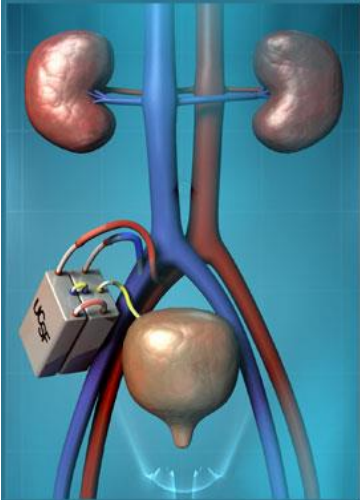
The team is developing a surgically implanted, free-standing bioartificial kidney to perform the vast majority of the filtration, balancing, and other biological functions of the natural kidney. The two-part device leverages recent developments in silicon nanotechnology, membrane filtration, and cell science. It is powered by the body's own blood pressure without the need for external tubes and tethers or immunosuppressant drugs.


The Kidney Project was selected by the [U.S. Food and Drug Administration \(FDA\)](#) to participate in a new regulatory approval program called Expedited Access Pathway (EAP). The special program intended to bring breakthrough medical device technologies to patients faster and more efficiently.

“Our goal is to eliminate the burdens of dialysis by providing an implantable device that provides both the clearance and biological functions of a kidney,” explains Dr. Roy. “With HDU as a partner, I am confident that we will achieve this goal sooner than later.”


HDU will coordinate with the Kidney Project to engage patients in this valuable research providing education and support to patients about this breakthrough technology and seeking feedback from them on patient preferences.


“We are proud to be working with Shuvo and his amazing team of researchers, to assist them in any way possible to bring this technology to the dialysis community!” says HDU President, Denise Eilers, RN, BSN. HDU Vice President and home dialyzer, Nieltje Gedney is quoted as saying “This is a game changer”.




 **THE KIDNEY PROJECT**

Creating an Implantable Bioartificial Kidney as a permanent solution to end stage renal disease.  
*Now proudly partnered with Home Dialyzors United.*

  
VANDERBILT UNIVERSITY

  
University of California  
San Francisco

  
HDU  
Home Dialyzors United