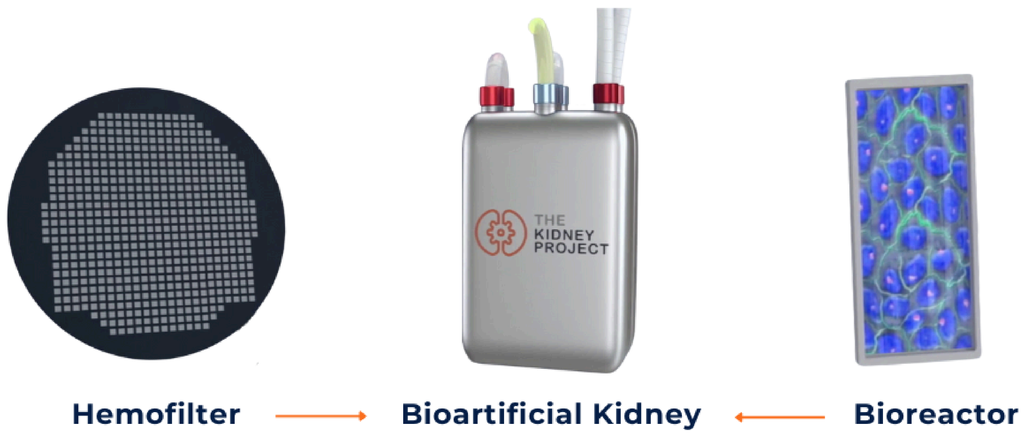
THE KIDNEY PROJECT

THE WORLD'S FIRST IMPLANTABLE BIOARTIFICIAL KIDNEY

Hemofilter:
separates toxins, salts, and excess water from blood and operates under blood pressure along without batteries or external connections



Hemofilter → Bioartificial Kidney ← Bioreactor

Bioreactor:
contains kidney cells that balance electrolytes without anti-rejection drugs and sends the concentrated toxins to the bladder

Did you know?

- **37 million Americans** are dealing with chronic kidney disease, and there is no cure.
- The Medicare program spends **more than $130 billion**—more than 24 percent of total spending—on patients with kidney disease. This could bankrupt Medicare.

The completion of the implantable bioartificial kidney could save **over $30 billion annually**.

IMPACT Science for the Real World

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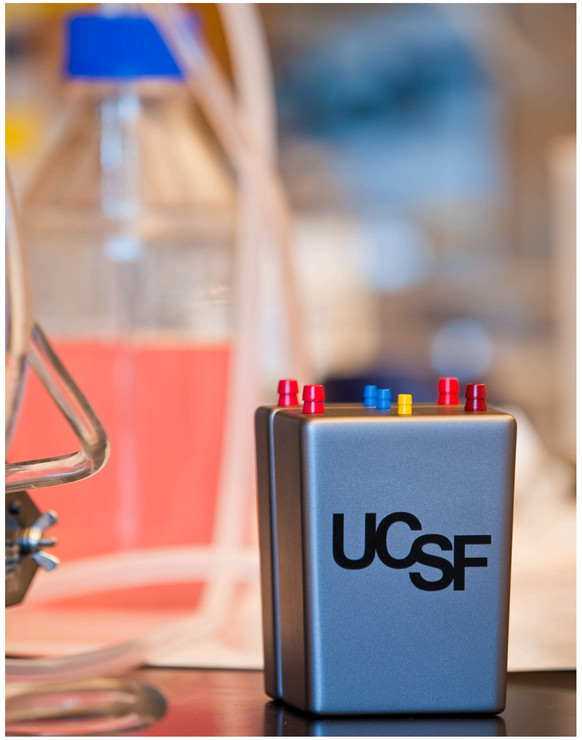

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About KidneyX:

KidneyX is a public-private partnership between US Department of Health and Human Services (HHS) and the American Society of Nephrology (ASN) to accelerate innovation in the treatment of kidney diseases.

The Kidney Project is a **4-time winner** of KidneyX prizes, including Redesign Dialysis and Artificial Kidney.

The Kidney Project is a **2-time awardee** of NIH/NIBIB Quantum Program.

NIH NIBIB

KIDNEY X INNOVATION ACCELERATOR