

## **UM1 TR004927-01 VILAIN; COOPER**

**Recently issued patents from funded Pilot awards provided by the CTSA U01 award (TR001414).**

### **Patent 1**

Henry Klassen, and Jing Yang, Compositions And Methods For Treating Retinal Diseases, U.S. Patent #11739294, filed August 6, 2020, and issued on August 29, 2023.

### **Patent 2**

Joseph B. Rinehart, and Maxime Cannesson, System And Method For Closed-Loop Patient-Adaptive Hemodynamic Management, U.S. Patent #11684717, filed September 12, 2019, and issued on June 27, 2023.

### **Patent 3**

Arash Kheradvar, and Gregory S. Kelley, Percutaneous Heart Valve Delivery And Implantation System Enabling Fracture Of A Previously Present Valve, U.S. Patent #11730593, filed August 10, 2020, and issued on August 22, 2023.

### **Patent 4**

Young Jik Kwon, and Jessica Kemp, Prodrug For Therapeutic Applications, U.S. Patent #11696904, filed January 9, 2021, and issued on July 11, 2023.