

# CARE Research, LLC to Conduct Groundbreaking PreClinical Kidney Transplant Study

Fort Collins, CO – June 17, 2014 – CARE Research LLC, a preclinical research laboratory (CRO), will be conducting a novel procedure involving transplantation of pig kidneys. This research experiment could help thousands of patients with kidney failure in the future.

Rajan Bawa, Ph.D, the Chief Executive Officer and Chief Scientific Officer at CARE Research, LLC recently described the procedure, “We will harvest two kidneys from a donor pig, wash the kidneys of all of their cells, a process called decellularization, and then populate them with the two recipient pigs’ stem cells, harvested each from their own bone marrow. The implanted kidneys are expected to function normally and start producing urine within a few days. Histopathological evaluation on the kidney tissue is expected to further confirm normal function of the implanted kidneys. We will then monitor the animals’ recovery and progress for 10 days. What differentiates this experimental process from routine kidney transplants is that use of the recipient’s own cells, eliminates the need for use of immunosuppressive drugs and consequently their side effects.”

Immunosuppressive drugs are normally required to be administered over the recipient’s lifetime to prevent rejection of transplanted organs.

According to Bawa, there are only a few facilities around the country with the capability and expertise to conduct this type of research. CARE Research, LLC has a 22 acre farm facility with a fullyequipped surgical suite. The experienced personnel work with a widevariety of species and provide the best possible environment for the animals.

This research is crucial and gives hope to the more than 106,000 people in the United States awaiting kidney transplants, according to data from the Organ Procurement and Transplantation Network.

## About CARE Research, LLC

**CARE Research, LLC** is a preclinical contract research organization (CRO) serving the biomedical research, pharmaceutical, device and drug development industries. For more information visit [www.careresearchllc.com](http://www.careresearchllc.com).

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