



# Fighting ever fighting for a cure



Dr. Raelene Wouda and others in the College of Veterinary Medicine recently established the Center of Excellence in Translational and Comparative Oncology Research to expedite the development, production and licensure of drugs, immunotherapeutics, medical devices and technologies for diagnosis, management and treatment of both human and animal cancers.

## The K-State family helps University advance to next level in cancer research

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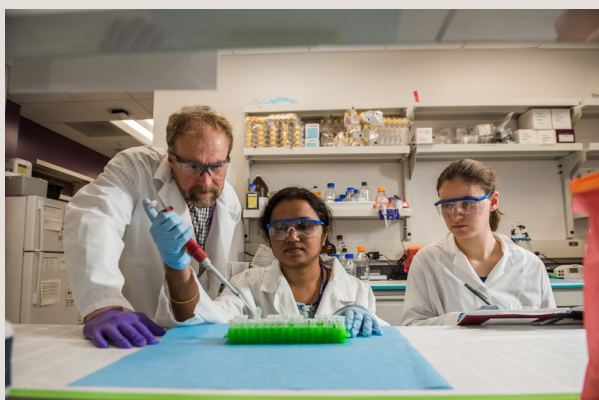
### The Scientists

One hundred Kansas State University research teams are fighting cancer from many different angles. The Johnson Cancer Research Center in the College of Arts and Sciences supports faculty and students in 20 departments of five colleges as they investigate how cancer starts, spreads and recurs; discover strategies to prevent it through diet, exercise and vaccines; and develop methods to detect it earlier and treat it more successfully. Faculty also train the next generation of researchers who will carry on the fight.

K-State researchers collaborate well across departments and colleges. Physiologists work with chemists, biomedical engineers with biologists, toxicologists with biomaterials scientists, kinesiologists with pathologists. Several laboratories are currently forming Centers of Excellence in Cancer Research to take advantage of their different strengths and attack cancer as multidisciplinary teams. Several K-State cancer research projects are spotlighted each year in *Conquest* magazine, available at [cancer.k-state.edu](http://cancer.k-state.edu).

### The Vision

The Centers of Excellence will improve the Johnson Cancer Research Center's bidding to become a National Cancer Institute Basic Laboratory Cancer Center. However, the center must first hire a permanent director—a visionary leader and outstanding administrator and scientist who can achieve this vision. This effort requires more resources than are currently available. Support is needed now to endow the directorship so that K-State can advance to the next level in cancer research.



Dr. Robert DeLong and team in anatomy and physiology are exploring whether modified RNA can be delivered with nanoparticles to cancer cells to shut them down.



The 7th annual Pink and Purple Polyester Party April 6 raised \$12,000. Party-goers enjoyed live disco music, a costume contest, a bra art contest and show, a fun photo booth and delicious treats and drinks all night.



The 3rd annual Walk Kansas 5K for the Fight and Fun Walk May 5 raised \$2,550. Participants came from all over Kansas.

### The Community

The K-State family has shown that it appreciates being able to support both cancer research and its favorite university with gifts to the Johnson Cancer Research Center. Donations to the center support innovative faculty research, student research training and crucial laboratory upgrades. Thanks to fundraiser events, funeral memorials and other direct gifts, the center has been able to provide about half a million dollars per year to advance K-State's most promising cancer research projects and foster excellent student scientists. Many of the center's faculty seed grants get leveraged into much larger, extramural funding, and many of the students go on to have prolific careers in science, education and healthcare, citing their cancer research experience as critical to their success. All of this is made possible by charitable giving to the center.

### The Shirt

Show your pride in K-State's fight against cancer with the new Bill Snyder commemorative Fighting for a Cure shirt. Wear it to the home football game or anywhere Oct. 13, 2018, for the university's 5th Annual Fighting for a Cure Day in honor of the K-State family's cancer survivors and researchers. Proceeds support the university's cancer research. Older versions of the shirt are also available. For information, visit [cancer.k-state.edu](http://cancer.k-state.edu) or call the Johnson Cancer Research Center at 785-532-6705.

