



## SASKATCHEWAN THERAPEUTIC ANTIBODY RESOURCE (STAR)

### NEW CANINE SYNTHETIC ANTIBODY LIBRARY

#### Opportunity

Researchers at the University of Saskatchewan have designed a new canine synthetic antibody library.

We are looking for industry or academic partners who have specific targets for high-affinity canine antibodies.

#### Applications

Therapeutics: cancer, inflammation  
Diagnostics: PET-CT imaging: targeted delivery of isotopes

#### Antibody library features

- Species specific antibodies
- Stable antibody production
- High throughput platform which uses next generation sequencer

#### Background

The antibody library, uniquely designed for dogs, was synthesized in an antibody phage –display system.

**Inventor: Ron Geyer, STAR founder**

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