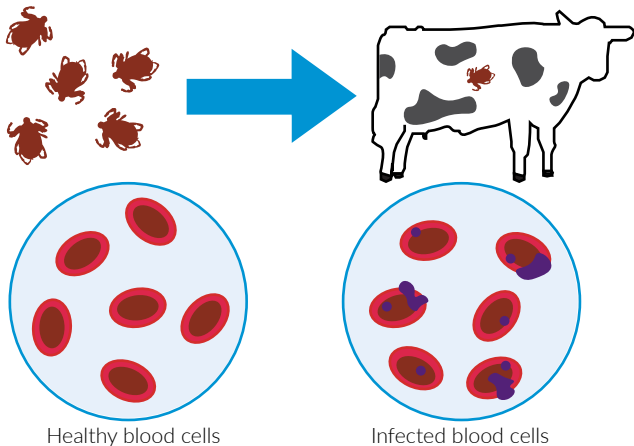


How bovine anaplasmosis affects red blood cells

Bovine anaplasmosis, most commonly spread by dermacentor ticks, infects the red blood cells of cattle and causes fatigue, anemia, fever, weight loss and pregnancy complications. The MU College of Veterinary Medicine is developing a vaccine that modifies ***Anaplasma marginale***, the pathogen that causes the disease, and injects it into the animals to protect them.



Healthy blood cells

Infected blood cells

Sources: MU College of Veterinary Medicine, USDA

NAOMI M. KLEIN/Missourian