



Proposal Title	Researchers		Campus

UNIVERSITY OF  
**Nebraska.**  
System



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# Collaboration Initiative

## Team Seed Grants

July 1, 2022

Proposal Title	Researchers		Campus
Palmitoleate Protects Against Zika Virus Infection in Trophoblasts by Activating Innate Immunity	Sathish Kumar Natarajan Ann Anderson Berry Murali Ganesan Corri Hanson	PI	UNL UNMC UNMC UNMC
Quark: An Intelligent Adaptive Education Platform for Quantum Cybersecurity	Abhishek Parakh Mahadevar Subramaniam Sherri Weitzl Harms	PI	UNO UNO UNK
Synthetic Biomimetic Environment (BEASTS) Investigate the Role of Stiffness in Altered Redox Signaling and Inflammation in Placenta during HDP	Ann Anderson Berry Corri Hanson Srivatsar Kidambi Sathish Kumar Natarajan Melissa Thoene	PI	UNMC UNMC UNL UNL UNMC
Synthetic Biomimetic Environment (BEASTS) Investigate the Role of Stiffness in Altered Redox Signaling and Inflammation in Placenta during HDP	Paras Kumar Mishra Song Young Park	PI	UNMC UNO
Wearable Device for Continuous and Noninvasive Measurement of Pulse Wave Velocity	Eric Markvicka Kate Cooper Ran Dai Brian Lowes Stephen Rennard	PI	UNL UNO UNMC UNMC UNMC