

**Nebraska Cancer and Smoking Disease  
Research Program**



**Fiscal Year 2023-24 Competitively Awarded Research Projects**

<b>PRINCIPAL INVESTIGATOR</b>	<b>CAMPUS</b>	<b>PROJECT TITLE</b>
Pi-Wan Cheng, PhD	UNMC	Interleukin-6 induces sialyl-Tn mucin O-glycan to promote cancer progression
Dalia ElGamal, PhD	UNMC	Unraveling Immunosuppressive Mechanisms in Chronic Lymphocytic Leukemia
Kurt Fisher, MD, PhD	UNMC	Targeting Rab 14-dependent signaling for anti-cancer therapy
Sarah Hostein, MD, PhD	UNMC	Novel approaches to targeting metabolic pathways in osteosarcoma
Ying Huang, PhD	UNMC	MUC 1 Regulates Extracellular Vesicle Biogenesis and EVs-Capsuled Protein Sorting
R. Katherine Hyde, PhD	UNMC	Evaluation of Novel Polymeric Compounds with Anti-leukemic Activity
Adam Karpf, PhD	UNMC	Novel FOXM1 Inhibitors for Ovarian Cancer
Robert Lewis, PhD	UNMC	Exploiting Vulnerabilities in NeuroD1-Subtype Small-Cell Lung Cancer
Justin Mott, MD, PhD	UNMC	Bile flow suppression of FGFR4 cancer signaling
A. Angie Rizzino, PhD	UNMC	SOX2 Regulation of Tumor Cell Growth by Transcriptional Interference