

Maia Kelly, PhD

postdoctoral researcher in Dr. Rebekah Gundry's lab at the University of Nebraska Medical Center

Dr. Kelly earned her PhD at the University of Nebraska - Lincoln under the advisement of Dr. Eric Dodds where she gained expertise in all layers of glycoprotein characterization including: glycan analysis by ion-mobility mass spectrometry, glycopeptide analysis with mass spectrometry and intact glycoprotein analysis with liquid chromatography and ultra-high resolution mass spectrometry. Her current research focuses on utilizing mass spectrometry and bioinformatics tool development for the understanding the role of glycosylation in biological systems, specifically in the areas of islet and β -cell biology.