

2024 MIPS Seminar Program

 05 Feb 2024  11:00 am to 12:00 pm  LT3

LEVERAGING PEDIATRIC BRAIN TUMOR MOUSE MODELS FOR GENETIC AND PRECLINICAL DISCOVERY

Associate Professor Tim Phoenix, University of Cincinnati



Tim Phoenix is an Associate Professor at the University of Cincinnati College of Pharmacy. He did his graduate training in developmental neuroscience with Sally Temple in Albany NY, and then transitioned to investigate how brain tumor genetic influence brain tumor microenvironment interactions during his postdoc work with Richard Gilbertson at St. Jude Children's Research Hospital. In 2016 he set up his lab in Cincinnati, which centers around understanding the drivers of pediatric brain tumors and finding new therapeutic strategies to improve outcomes. To do this the Phoenix lab uses a

novel brain tumor mouse modeling system. With these models the lab examines the function of genetic mutations on tumor formation, interactions with cells in the microenvironment, and new therapies.