



**Andrew Shepherd, PhD**

**Assistant Professor**

**Symptom Research**

*A Mouse Model of Paraneoplastic Neuropathy Driven by  
Colorectal Cancer*

Dr. Shepherd received his Bachelors in Molecular Cell Biology and his PhD in Neuroimmunomodulation from the University of Manchester in the UK. I Joined DP Mohapatra's lab in the Department of Pharmacology at the University of Iowa in 2008, where he researched GPCR modulation of ion channel activity in pain and neurodegeneration. In 2015, he joined the Department of Anesthesiology at Washington University in St. Louis as an Instructor, before starting his lab at MD Anderson Cancer Center in 2018 as an Assistant Professor in the Department of Symptom Research.

The research in his lab focuses on chronic pain mechanisms and therapeutic development, with a particular emphasis on neuro-immune interactions in neuropathy. His research is funded by NINDS and the Department of Defense, and he became a Rita Allen Foundation Pain Scholar in 2020.