

## **BCH 252 Seminar Series**



**Daniel Dominguez, Assistant Professor,  
Department of Pharmacology,  
University of North Carolina Chapel Hill**

**Seminar Title: “Non-Canonical RNA Binding  
in Normal and Cancer Biology”**

**Abstract:** The Dominguez Lab focuses on understanding RNA binding mechanisms and their downstream regulatory consequences. This seminar will highlight the complex ways in which individual RNA-binding proteins (RBPs) interact with RNA through both intrinsically disordered and well-structured domains. Additionally, it will present insights into how cancer-associated mutations affect RBP-RNA interactions and phenotypes, from biochemical characterization to animal models.

**Tuesday, February 25, 2025 12:00 p.m. - 12:50 p.m. PST**

**In-Person: Genomics Auditorium 1102A**

**Host: Dr. Jernej Murn**