

Research Program:

RESEARCH QUESTION	Investigating the Relationship between Early Genomic Alterations and Dysregulated Differentiation in Gastrointestinal Premalignancy		
ORGAN SYSTEM	Gastric and Esophageal	Colon and Rectum	
DISEASES MODELS	Inflammation-induced Metaplasia in Gastric and Esophageal Premalignancy	SOX9 Mutations and Aberrant Differentiation in Colorectal Premalignancy	
RESEARCH STRATEGY	Genetically-engineered Mouse Models	Functional Cell Line & and Organoid Studies	Epigenetic, Genetic, and Transcriptional Analyses
LONG-TERM GOAL	<u>Clinical Translation</u> Pairing Therapeutic Agents to Aberrantly Active Transcriptional Programs		