

Yao Group

Bioactive lipid mediators and mucosal inflammation

Our aim:

To understand how bioactive lipid mediators modulate mucosal immune responses and control epithelial homeostasis, inflammation, repair, and tumorigenesis.

Our approaches:

- Immunological, pharmacological, and genetic tools.
- Models of immune-related diseases including cancer.
- Systems biology analyses.

Our ultimate goal:

To develop new treatments for immune inflammation-associated mucosal diseases.

