

**Yale School of Medicine
Pharmacology, Lolis Lab**

Title: Biomedical Research Intern

Internship Hours: Part-time, year-round

Summary of the function of this team:

The research performed focuses on investigating the role of proteins involved in inflammation and cancer. The major techniques include biochemistry, biophysics (e.g., X-ray crystallography) and deleting the gene for specific proteins in mice.

The major duties & responsibilities of the internship will be:

The intern will focus on genetically characterizing mice for specific expression or deletion of genes. This will many involve working with mice, isolating DNA, performing PCR, and submitting the sample for DNA sequencing. Other opportunities are also available as the intern learns these techniques.

Required qualifications of intern/participant are:

The applicant must be comfortable working with mice, and understanding and performing PCR. Marking mice without the desired genetics for euthanasia and looking after the mice in the colony.

Preferred qualifications of intern/participant are:

Knowledge of genetics.