

# Jenkins Group

We study how macrophage function is regulated to identify pathways that promote resolution of disease.

- Where do macrophages come from and does their **origin** influence their success in combatting infection or initiating repair?
- How does a person's **sex** affect the function of their macrophages and how does this contribute to sex-differences in diseases?

A person's history of infection shapes how they respond to new and unrelated infections.

- Does altered macrophage function drive this **innate memory** and is this due to inherent changes in macrophages (A) or their tissue environment (B)?

## Control of macrophage function in health and disease

