Our work is principally focused on events central to infection and immunity. Specifically we work on deducing the structural arrangement of Killer-Cell Immunoglobulin-like Receptors (KIR) and their ligands and detail the molecular mode of interaction generating their complexes. This has important implications in disease and transplant outcomes. We also investigate immune reactions to specific drugs. This work is intended to lead to the better design and screening of new therapeutics.

Research Projects

1. Structural and functional investigation of KIR receptors
2. What causes drug hypersensitivity?

Selected significant publications:


