

Biochemistry

1. Using AI to Predict Drug Response in Cancer

Principal Investigator: Dr Frances Pearl

Description:

vaccine development. This project aims to design and test new antigens and therapeutic approaches for emerging viral infections.

5. Uncovering the Structural and Molecular Mechanisms of Early Vertebrate Development

Principal Investigator: Erika Mancini

Description:

During early vertebrate development, cell fate decisions are tightly regulated by molecular interactions. This project explores the structural mechanisms underlying these processes using advanced imaging and biochemical techniques.