

Genetics

Genetics research includes the following areas.

- Organisation and behaviour of chromosomes in plant meiosis ([Dr Sue Armstrong \(/staff/profiles/biosciences/armstrong-sue.aspx\)](/staff/profiles/biosciences/armstrong-sue.aspx))
- Natural genetic variation in plant populations and agricultural genetic resources: adaptation in natural populations, landraces and crop wild relatives ([Dr Brian Ford-Lloyd \(/staff/profiles/biosciences/ford-lloyd-brian.aspx\)](/staff/profiles/biosciences/ford-lloyd-brian.aspx))
- The dynamics of chromosome pairing, synapsis and recombination during meiosis ([Professor Chris Franklin \(/staff/profiles/biosciences/franklin-chris.aspx\)](/staff/profiles/biosciences/franklin-chris.aspx))
- Developmental Neuro-Plasticity ([Dr Alicia Hidalgo \(/staff/profiles/biosciences/hidalgo-alicia.aspx\)](/staff/profiles/biosciences/hidalgo-alicia.aspx))
- Statistical Genetics ([Prof Zewei Luo \(/staff/profiles/biosciences/luo-zewei.aspx\)](/staff/profiles/biosciences/luo-zewei.aspx))
- Quantitative genetics and breeding of crop plants (Dr Harpal Pooni)
- Chromatin ([Dr Eugenio Sanchez-Moran \(/staff/profiles/biosciences/sanchez-moran-eugenio.aspx\)](/staff/profiles/biosciences/sanchez-moran-eugenio.aspx))
- Post-transcriptionally controlled gene networks in neuronal development and function ([Dr Matthias Soller \(/staff/profiles/biosciences/soller-matthias.aspx\)](/staff/profiles/biosciences/soller-matthias.aspx))

