



1. eRNAs interact with chromatin regulators to modulate function
2. eRNAs are enhancer-specific regulators

**Hypothesis: eRNA structure determines function**

**Gene Expression ?**

## A new framework to characterise eRNA function

Characterise functional  
eRNA domains



**My Research**



Structural basis for  
eRNA function



Genome wide basis  
for eRNA function

## Importance

- **Non-coding mutations at enhancers are common in disease**
- **ncRNA binding very common among chromatin regulatory proteins**



## Future

- **Molecular basis for non-coding disease**
- **Therapeutic targeting of specific enzyme populations**