

# Bird Group

- Liver cancer is common and difficult to treat
- Cancer is a genetic disease and based on genomic profiling we have developed a suite of **subtype specific preclinical models of liver cancer** (hepatocellular carcinoma)
- With comparison to **human tissue and cell lines** we want to understand **unique therapeutic vulnerabilities of cancer subtypes**.
- The **tumour microenvironment** is variable between subtypes. **Treatment options** will be influenced by the understanding of these tumour: environment interactions.
- Tumours **evolve** during their development and in response to treatment. Insights into both may lead to **novel treatment targets**

## Translational research using preclinical models for precision medicine in liver cancer

