

# Prost Group

- Clinical biopsies contain spatial information critical for understanding diseases, including cell interactions, which pathologists utilise
- Identification of new markers can help interpreting biopsy for better diagnosis, prognosis & management of diseases

## What we do

- Work with clinicians & pathologists to identify relevant questions
- Gene expression analysis identifies markers
- In situ multiplex IF staining reintroduces the spatial information, allows identification of rare phenotypes and cell-cell interaction
- Correlation with clinical outcome & validation in patient cohorts feeds back to pathologists & clinicians

## What we study

- Immune environment, including macrophages' complex phenotypes
- Other relevant markers

## What diseases

- Inflammatory, auto & allo-immune conditions & cancers

# Identification of markers for disease management

