



I Plant cell wall research

- Genetic transformations enhancing growth and biomass in **Eucalyptus**, **Grasses** and **Arabidopsis**
- Understanding **plant cell wall** functions via biosynthesis process and **cell wall engineering**

II Biofuel from microalgae

- Genetic transformation in **microalgae** for biodiesel production

III Genome editing

- CRISPR genome editing tools for plants and microalgae