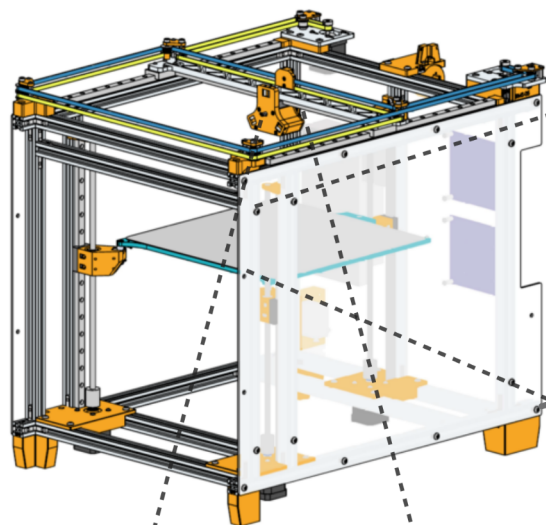
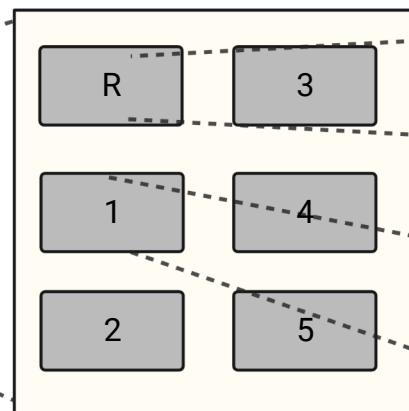


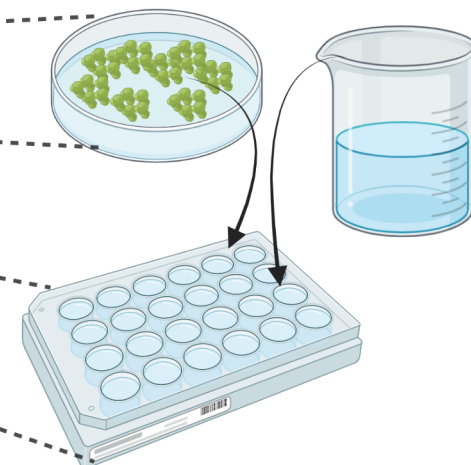
**A** Jubilee: Fabricatable tool-changing multi-motion platform



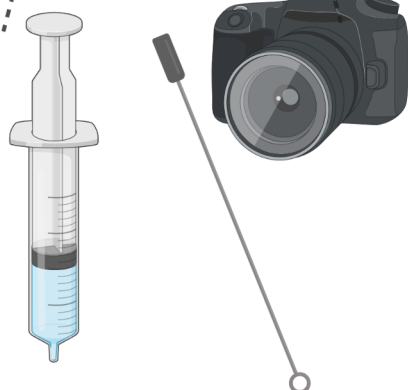
**B** Bedplate for handling reservoirs and 24 well plates



**C** Experiments set up to test combinations of duckweed genotype and media composition

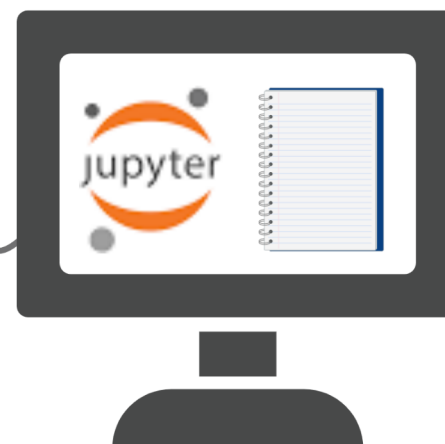


**D**



Tools for material handling and data collection

**E**



Jupyter notebooks guide machine operation, data collection and analysis