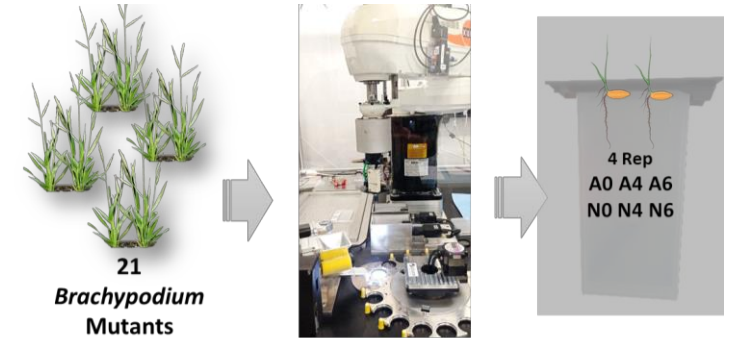


Using high-throughput imaging and anatomical analysis to screen crop root system in response to different nitrogen sources and concentrations

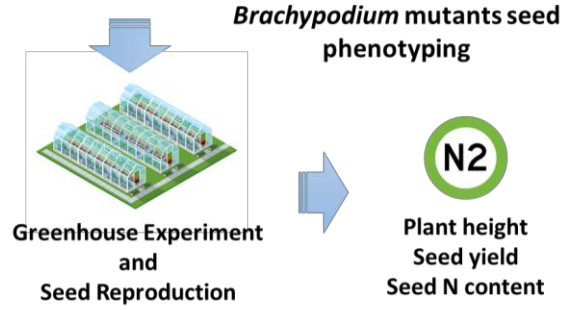
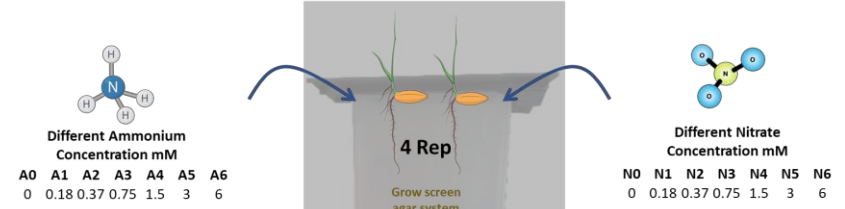
Hamid Rouina
Root dynamic group



N uptake indicators

Unique root phenotype independent from plant species for N uptake

Analyzing root phenotypic variation to show their role in N uptake



Explore and Identify the root phenotype's function as well as develop specific molecular markers

