

3. **OBJECTIVES**

1. Generation of disruption and silencing constructs of the target gene(s), *MoALR2* and *MoMNR2*, and genetic transformation of *M. oryzae* using various genes constructs
2. Phenotypic and molecular characterisation of the fungal transformants
3. Functional characterisation of CorA Mg^{2+} transporters, MoAlr2 and MoMnr2