



Opening Position for a Masters student at the Department of Plant Sciences at UT Institute of Agriculture (UTIA)

Supervisor: Dr. Alessandro Occhialini

Job description: We are looking for a highly motivated Masters student to work in a project focused on a novel technology to engineer higher plant chloroplasts (small synthetic genomes “mini-synplastomes”) recently developed by the Pls’ research team. In particular, the student candidate will use cutting-edge synthetic biology tools to perform fundamental research aimed to decipher the roles of transgene bioconfinement and plant-to-bacterium transgene flow associated to the use of this novel technology in agriculture.

Qualifications: we are looking for a highly motivated student with a strong passion for biological sciences and willing to learn cutting-edge research tools. We are also looking for an individual that really enjoys working with plants both in tissue culture and on soil.

Expectation: we expect that a Masters student will be able to publish one peer-reviewed article at the end of the path.

When: Summer 2023

If you are interested to learn more about this opportunity, please contact:

Dr. Alessandro Occhialini (aocchial@utk.edu)