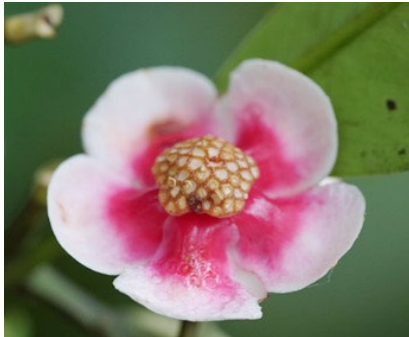


Open master thesis, with financial support

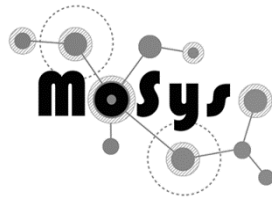
Research on CAM photosynthesis in Costa Rica and Vienna



We are looking for a master student doing system-level investigation of CAM photosynthesis both in the Costa Rica rainforest and in our high-end metabolomics lab in Vienna.

Due to global climate change the different plant photosynthesis types C3, C4 and CAM will be of utmost importance in balancing net primary as well as global food production with all its subsequent consequences on the human society. The only so far known tree showing CAM-type photosynthesis is restricted to *Clusia* species. Knowledge here is very limited, especially the system-level understanding of this highly plastic plant able to switch from C3 to CAM. The student will work on different *Clusia* species in the field ([research field station La Gamba](#)) and with a large collection of different ecotypes in the lab.

For more information, please, contact wolfram.weckwerth@univie.ac.at



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