

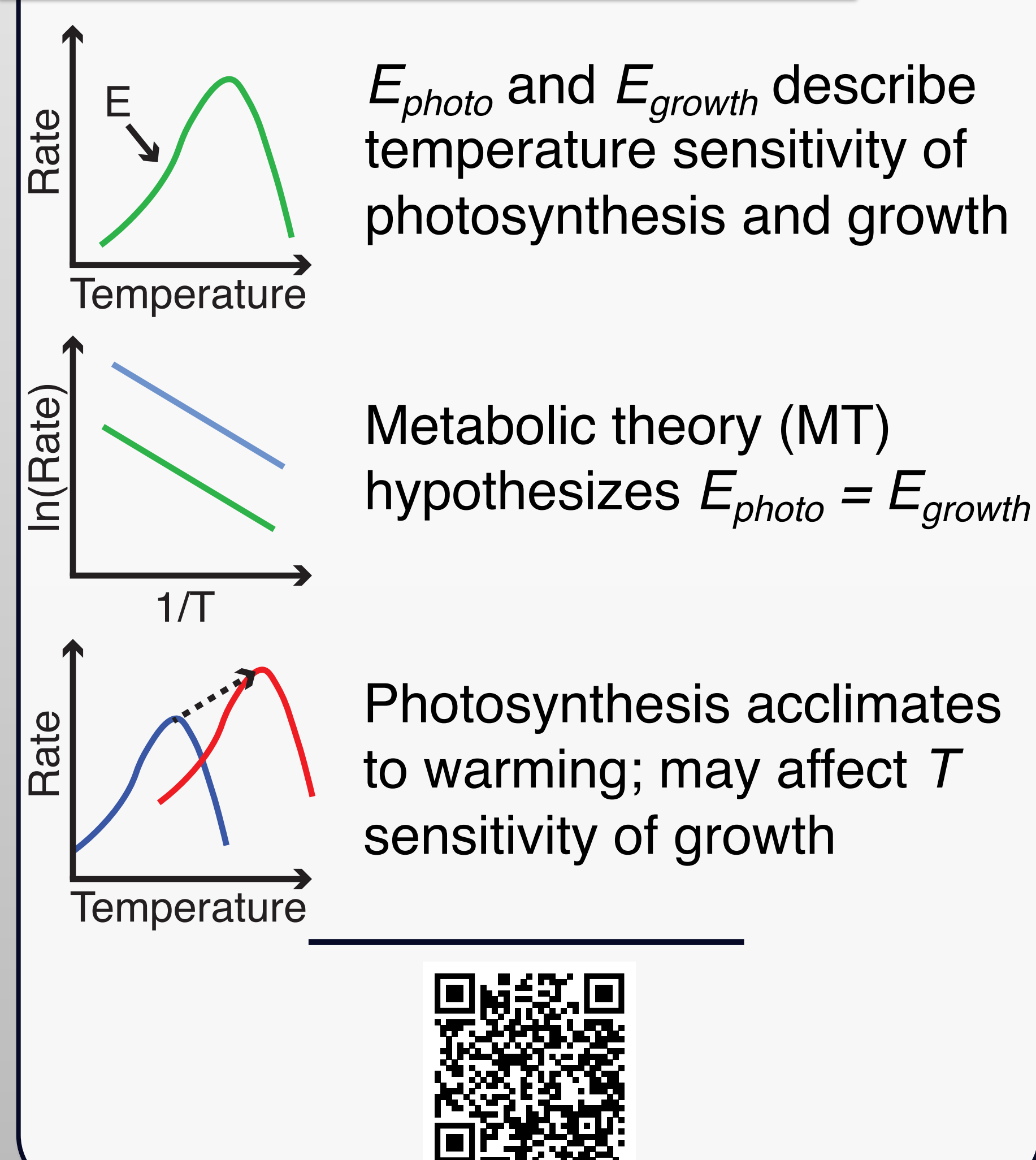
Acclimation mediates scaling of photosynthesis to higher-level plant processes

Josef Garen^{1*} and Sean Michaletz¹

¹Dept. of Botany and Biodiversity Research Centre, University of British Columbia; *josef.garen@botany.ubc.ca.



Background

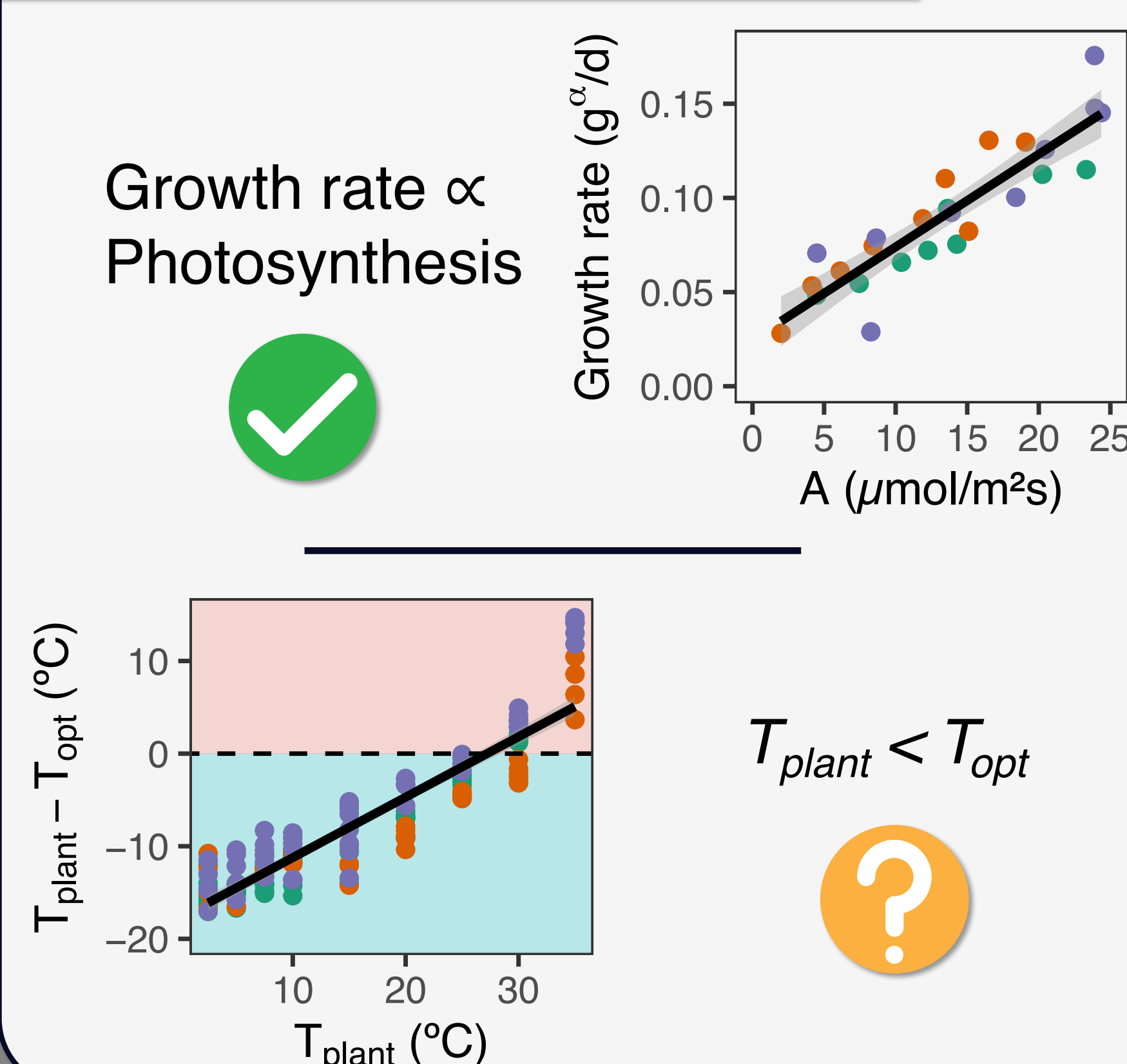


Objectives

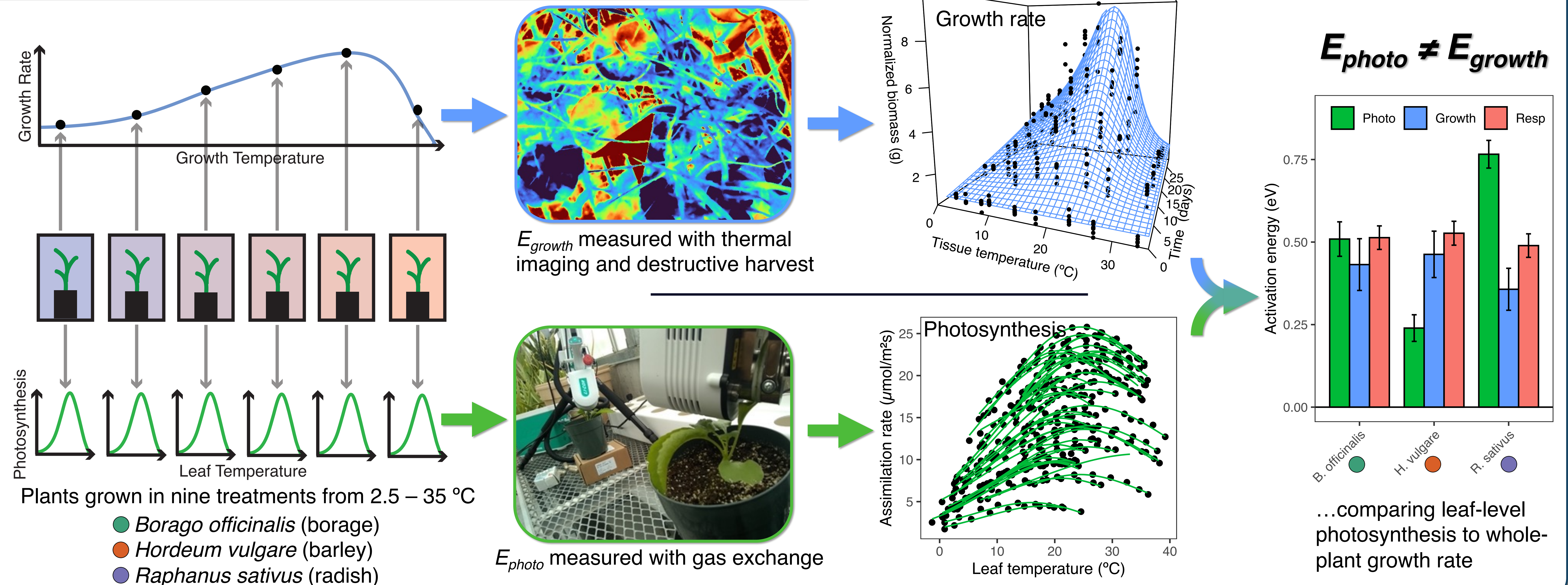
Test if $E_{photo} = E_{growth}$ in temperature-controlled conditions

Determine whether thermal acclimation affects the scaling of photosynthesis

Are MT assumptions met?



Comparing E_{photo} and E_{growth} in a temperature-controlled experiment



Accounting for thermal acclimation of photosynthesis

