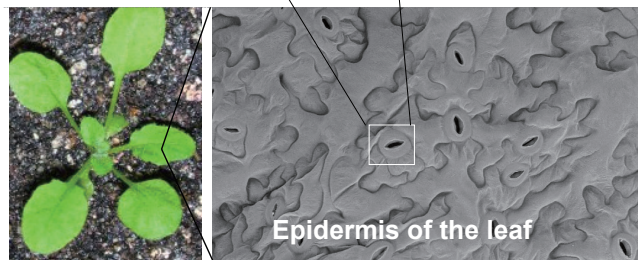
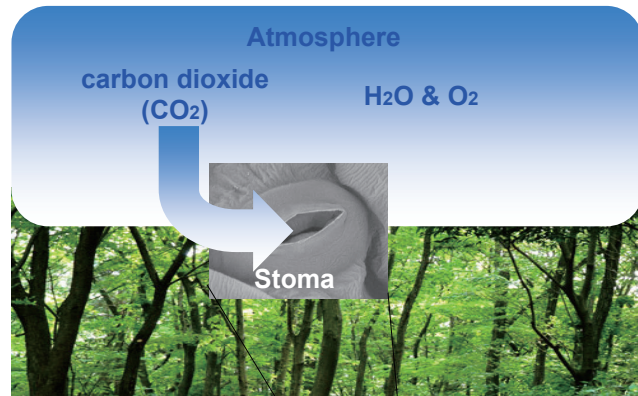


# Stomagen increases the stomatal density on leaves

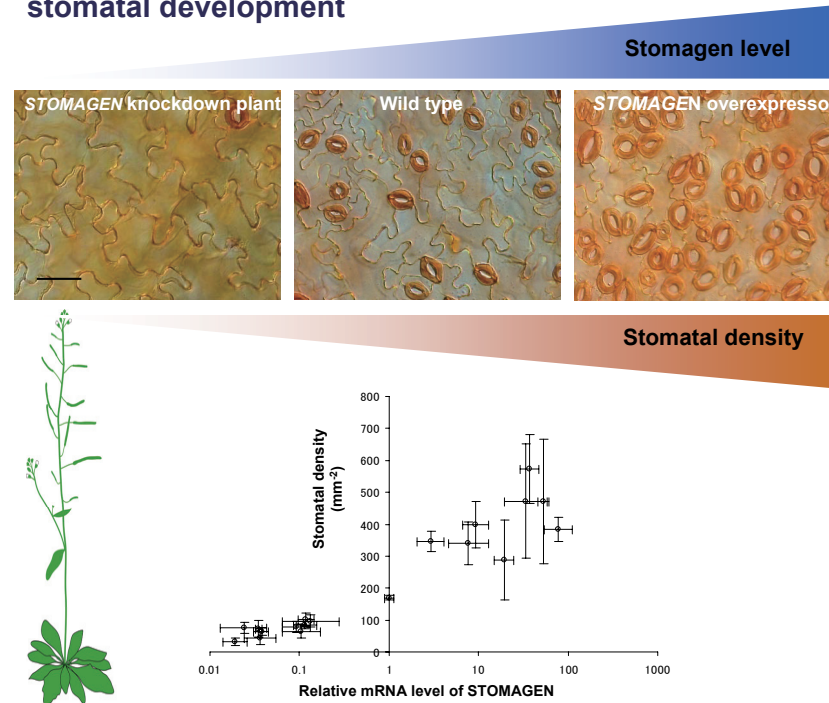
Ikuko HARA-NISHIMURA



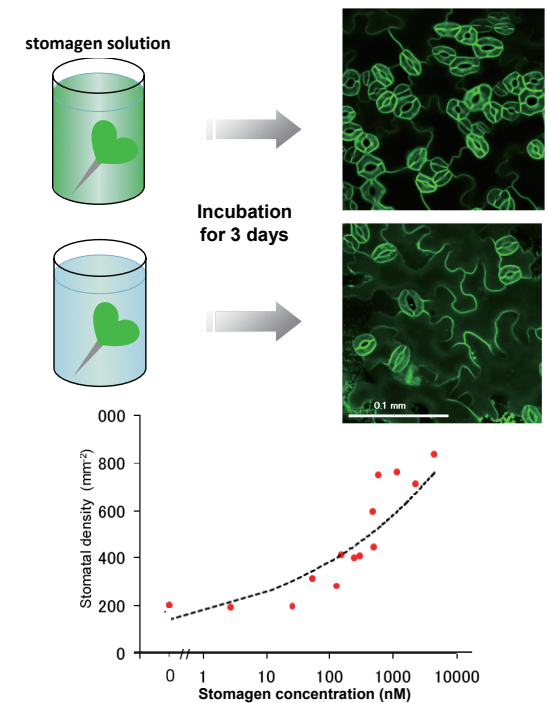
## Global gas exchange cycle through stomata



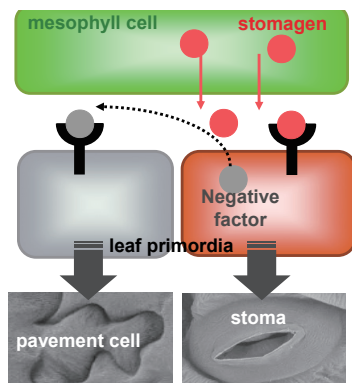
## STOMAGEN gene positively regulates stomatal development



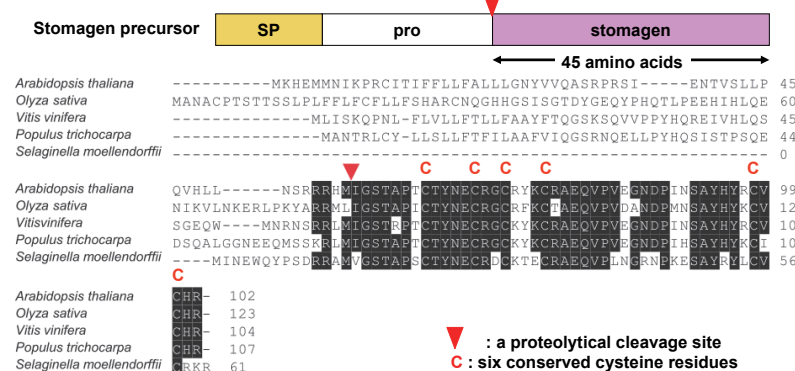
## Stomagen peptide has a stoma-inducing activity



## Mesophyll-derived stomagen positively regulates the differentiation of stomata in the epidermis



## Stomagen is a 45-amino-acid, cysteine-rich peptide that is conserved among vascular plants



## Future perspective of stomatal technology

