



Evolution of Strigolactone perception in land plants and parasitic plants

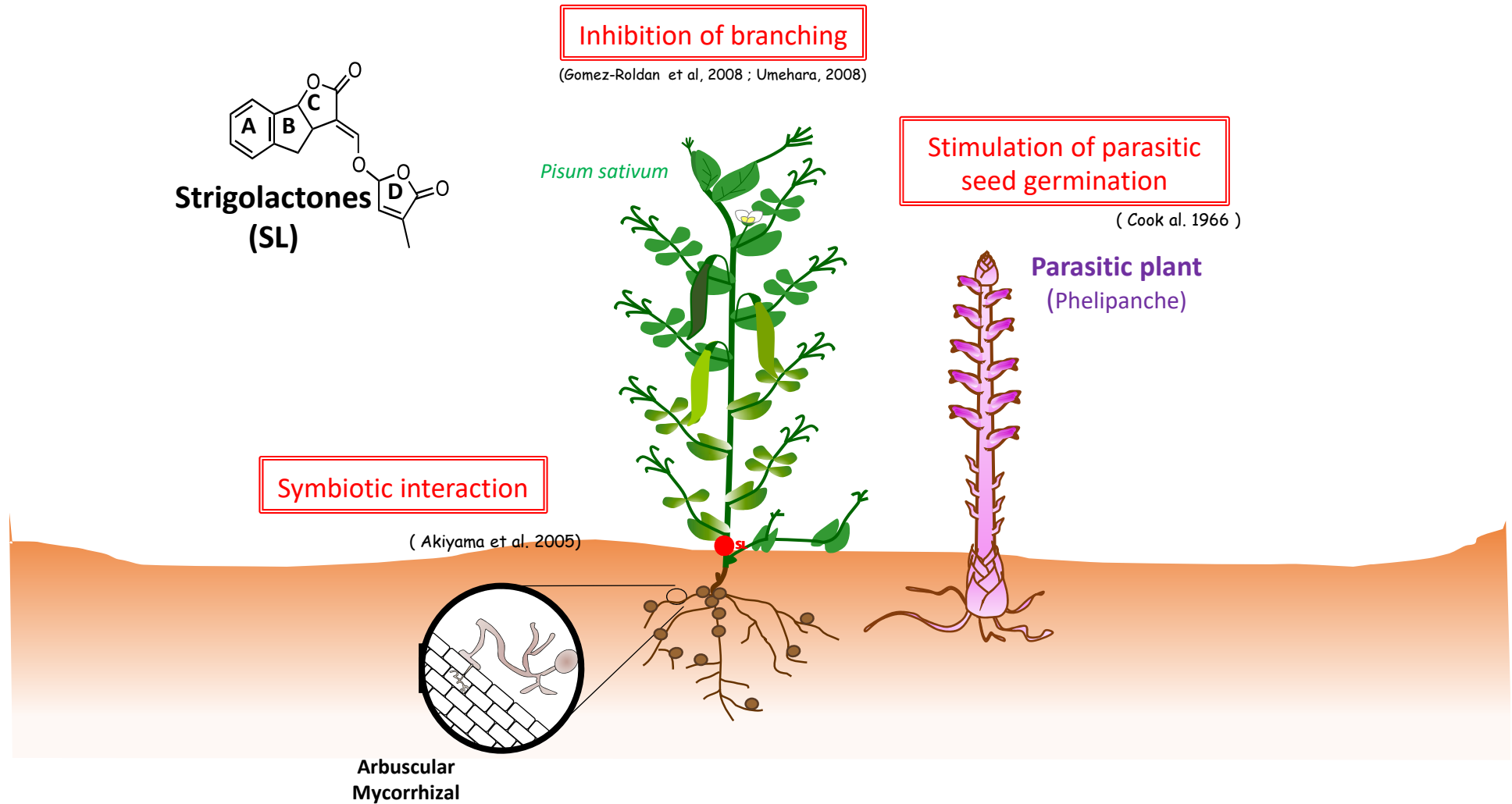
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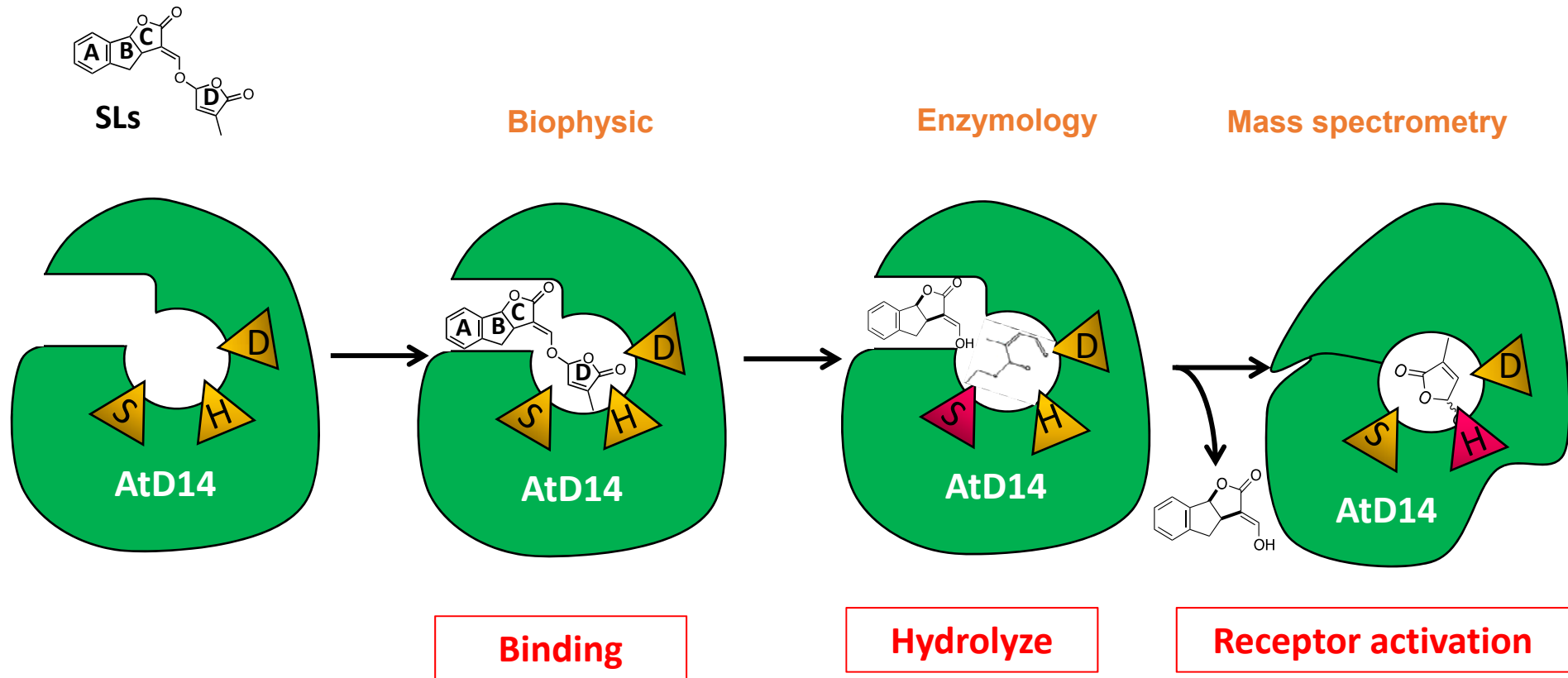
Strigolactone : Plant hormone and allelopathic signal



Thesis : Strigolactone signaling in vascular plants

Strigolactone perception mechanism in vascular plants

Post-doctorant SALK INSTITUTE (2013-

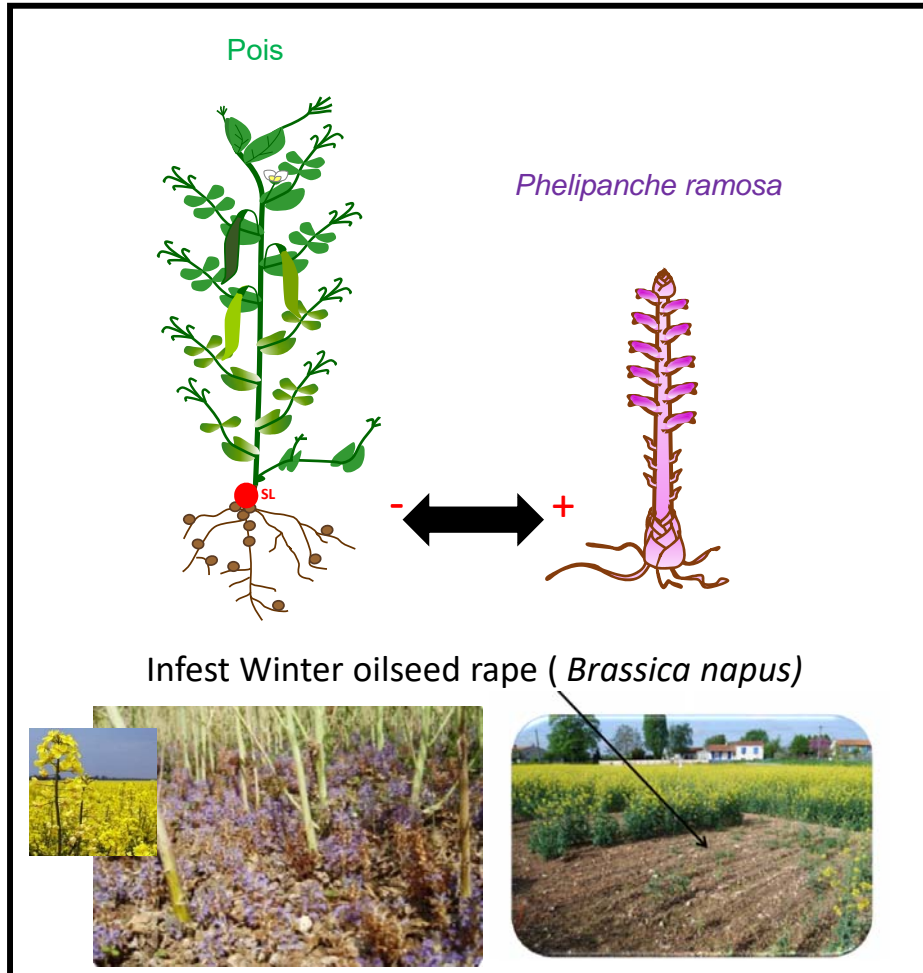


de Saint Germain et al. 2016

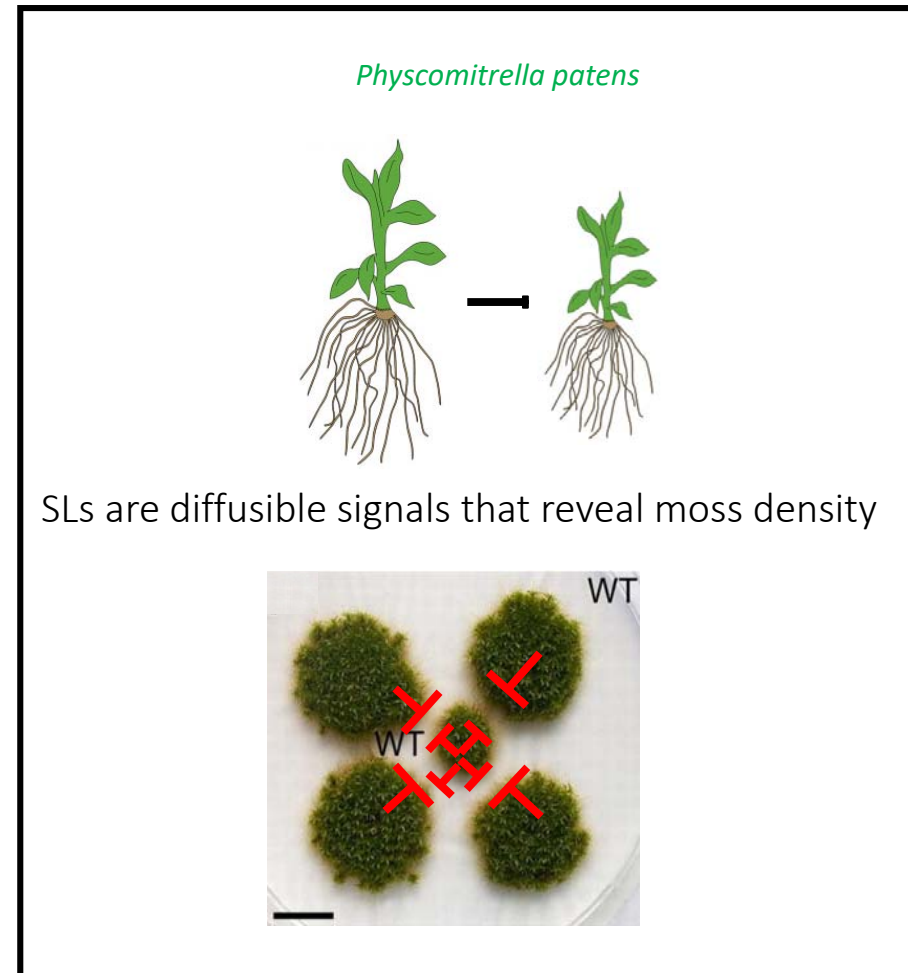
New paradigm in hormone perception : Receptor-Enzyme

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Parasitism



Competition



How do these plants perceive the rhizosphere signals ?

Perspectives : Find new molecules to control weeds ?

