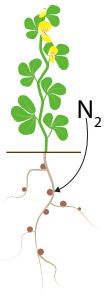
Receptor-mediated signaling

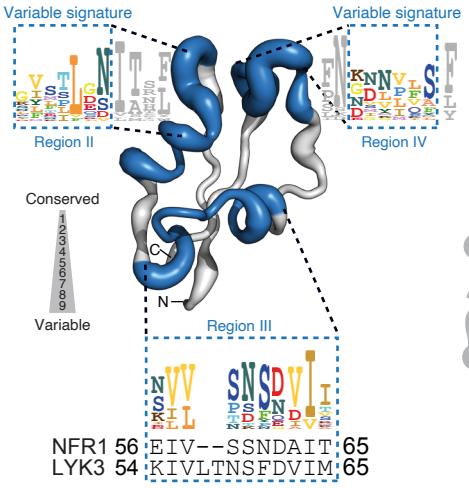
- how pattern recognition receptors control plant-microbe interactions



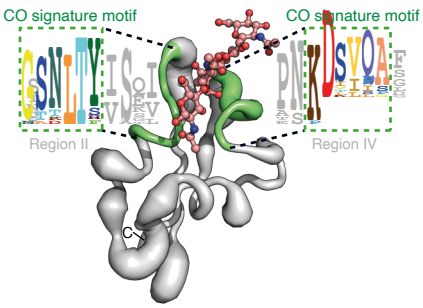
Our group

Our mission

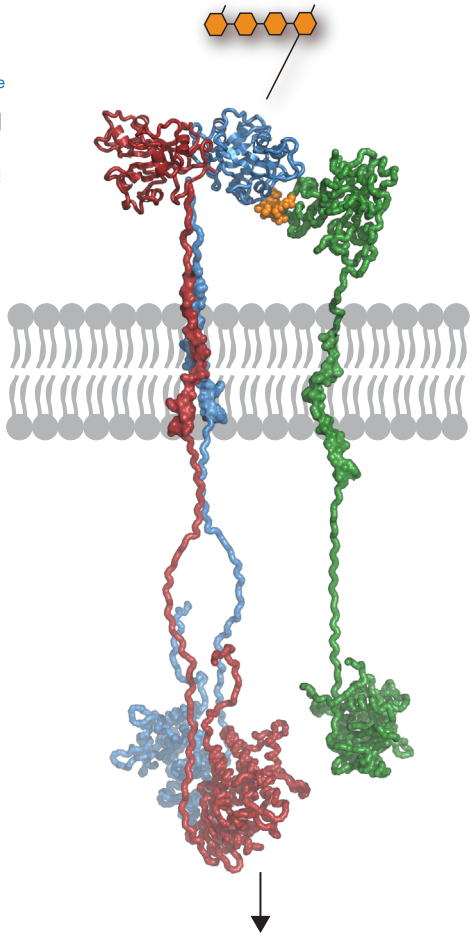
NFR1 receptors



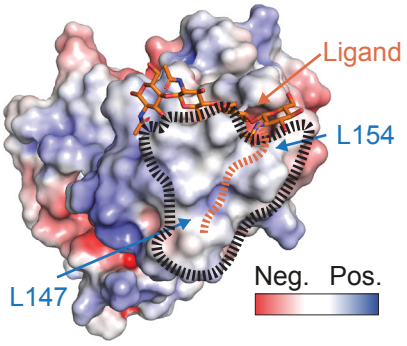
CERK6 receptors

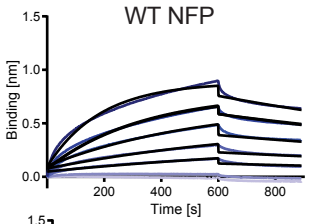


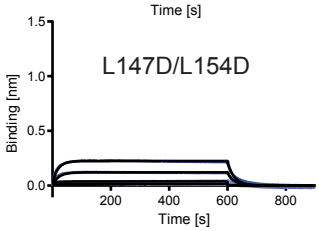
Carbohydrate signaling



NFR5 receptors







Symbiotic signaling (NFR1-NFR5 receptors)
Immunity signaling (CERK6-CERK13 receptors)
Surveillance signaling (EPR3 receptors)

Our methods

Protein biochemistry (bacteria/insect/plant expression systems), Structural biology (crystallography, cryo-EM/ET, SAXS, NMR), Biophysics (BLI, ITC, DSF, Mass photometry), Pathway discovery (mass-spectrometry, genetics, proximity-labelling, nanobodies)

Join us

Come work with us and have some fun!

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