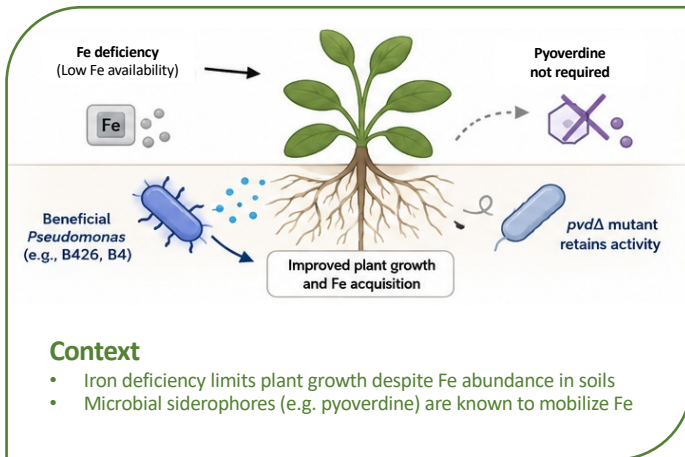


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How do beneficial *Pseudomonas* bacteria enhance plant tolerance to iron deficiency?

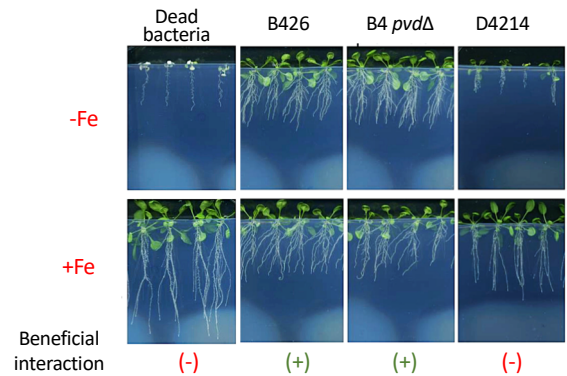
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Preliminary data

- Several *Pseudomonas* strains promote Arabidopsis growth under Fe deficiency
- This effect is independent of pyoverdine as *pvdΔ* mutant retains beneficial activity



Objectives:

- Determine whether the interaction is mutualistic
- Determine whether bacteria colonize root tissues as endophytes
- Assess Fe entry into the root under Fe-deficient conditions

