

IRN France-Japan Frontiers in Plant Biology

IRN-FJFPB

Webinar Japanese Young Researchers in France

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Origin of the plant fatty acid omega-hydroxylases and their role for adaptation to land.

Abstract:

Plant synthesize a lot of lipophilic compounds. The formation of lipophilic barriers was one of the most critical acquisitions during plant terrestrialization. However, the evolutionary mechanisms that led to the emergence of land plant biopolymers remain to be elucidated. We investigate the origin and role of the biosynthesis enzyme that shapes plant apoplastic barriers using bryophytes and charophytes. In this webinar, I would like to talk about my science background and current project introduction.



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