

Role of membrane lipids in powdery mildew infection of cucumber

LÖSEL D. M. ; MEILLEUR E. T. ; ABOOD J. K., Journal of plant physiology, 1994, vol. 143, n° 4-5, pp. 575-577

Abstract

Since altered partitioning of photosynthate into lipids of cucumber leaf tissue, particularly increased synthesis of PI, during infection by *Sphaerotheca fuliginea* and the reversal of such changes in the presence of lithium chloride, pointed to the possible stimulation of the inositol phosphatide cycle in the host-pathogen interaction, further evidence was sought in this limited study of myo-[2-³H]-inositol incorporation by healthy and infected leaves. Compared with healthy tissue, infected leaf tissue showed increased labelling of inositol phosphatides IP₁₋₃, during a 36h chase period