

INSTITUTO CAVANILLES DE DIVERSIDAD Y BIOLOGIA EVOLUTIVA

CONFERÈNCIA DEL DR. ADRIAN SAMBADE

DIVENDRES 30 de Març a les 12:30 en la Sala Seminari del ICBiBe

Studies on emergent functions of plant microtubules

In addition to support cell division, microtubules (MTs) are involved in a multitude of cellular processes. Low range order interactions between factors supporting the self assembly of MTs affect from organelles organization up to cell and tissue development. Cytoskeleton is continuously rebuilding and has the ability to read mechanical signals from the micro-environment and potentially some of its structures can act as epigenetic determinants. In this seminar I will show some recent advances on emergent MTs functions potentially involved in anisotropic cell growth and cell-to-cell communication in plants.

(Organiza: Grup de recerca Neurobiología Comparada: Jose Manuel Verdugo- ICBiBE)