

Séminaire de Biologie des Plantes

Les séminaires ont lieu sur le Campus Montpellier SupAgro/INRA de La Gaillarde
(2, place P. Viala Montpellier)

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Attention : jour et horaire inhabituels

**Vendredi 27 juin 2008
Amphi 206 (Cœur d'Ecole) à 11h00**

Paloma Mas
(CSIC-IRTA (IBMB-CSIC, Barcelone))

A functional role for chromatin remodelling in the Arabidopsis circadian system.

The past decade has seen a remarkable advance in our understanding of the plant circadian system, mostly in *Arabidopsis thaliana*. It is now well established that *Arabidopsis* clock genes and their protein products operate via auto-regulatory feedback loops that promote rhythmic oscillations in cellular, metabolic and physiologic activities. In our studies, we have provided evidence for new mechanisms of clock regulation. The mechanisms include rhythmic changes in chromatin structure that have opened new and exciting avenues for regulation of clock gene expression. All these mechanisms ensure an appropriate synchronization with the environment, which is crucial for successful plant growth and development.

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SEMINAIRE A VENIR :

Jeudi 03 juillet : Catherine Massonnet, contact Christine Granier
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