



## Seminaris del Parc

# ■ Mechanistic insights into isocyanide chemistry: from old reactions to new multicomponent couplings.

**Day:** July 2<sup>nd</sup>, 2010

**Time:** 15:00h

**Location:** **Aula Fèlix Serratosa**. Parc Científic Barcelona, c/ Baldiri Reixac, 10. Barcelona. Tel. 93 403 71 71

**Host:** **Dr Rodolfo Lavilla. BIOSYNER, Group of peptidomimetics and bioactive heterocycles, Parc Científic Barcelona.**

**Speaker:** **Prof. Laurent El Kaïm**  
École Nationale Supérieure de Techniques Avancées,  
Paris (France).

The conference will deal with the development of new synthetic methodologies based on isocyanide reactions. The analysis of the mechanistic details of fundamental transformations (Ugi, Passerini multicomponent reactions) leads to the design and implementation of reaction variants with enormous impact in the preparation of bioactive compounds. The modular character of this approach makes this methodology especially suitable for medicinal chemistry studies and drug discovery processes.