LIMNA
Lausanne Integrative Metabolism & Nutrition Alliance

SEMINAR

LAUSANNE INTEGRATIVE METABOLISM AND NUTRITION ALLIANCE (LIMNA)

Tuesday April 21, 2015 10.30am
Conference Room: AI 1153 (*) EPFL – Lausanne

Hadrien DEMAGNY
Howard Hughes Medical Institute, University of California, Los Angeles, USA (Pr. De Robertis) and Université Pierre et Marie Curie, Paris (France)

"Convergence of the Wnt, FGF and TGF-β signaling pathways at the Levels of the Transcription Factors Smad1 and Smad4"

Hosts: Kristina Schoonjans and Johan Auwerx

Abstract
"My research project aimed to understand how cells receive and integrate multiple signals from the extracellular milieu. I focused on Smad proteins and my talk will be divided into two parts. In the first part, I will describe a new molecular mechanism by which the phosphorylation state of the drosophila transcription factor Mad determines its ability to transduce either BMP or Wingless (Wg) signals. In the second part of my talk, I will describe how Smad4 activity and stability are directly regulated by the Wnt and FGF signaling pathways through novel MAPK and GSK3 phosphorylation sites located in its linker region."

(*) IMPORTANT NOTICE: All external participants have to pass through SV Reception/Welcome Desk to be able to access to AI 1153.
Contact person to call at arrival at SV Reception Desk: Johan Auwerx 30951/Administrative Assistant: 39522.

Centre hospitalier universitaire vaudois
ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE
UNIL | Université de Lausanne

www.limna.ch