

Séminaire



CONFÉRENCIER INVITÉ

Vendredi 30 Mars 2018 à 11h

Salle des séminaires

Institut de biologie structurale - 71 avenue des Martyrs CS 10090 38044 Grenoble Cedex 9 - T.+33 (0)4 57 42 85 00

www.ibs.fr

par **Sébastien Granier**

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Montpellier

Structural studies of transmembrane proteins

During this presentation, I will present our efforts to analyze the mechanisms of seven transmembrane proteins function (G protein-coupled receptor and ceramidases) using structural biology approaches including solution NMR and fluorescence spectroscopy as well as cryoelectron microscopy and LCP crystallography.

In particular, I will highlight the conformational changes associated with opioid receptor activation and the structural basis for receptor-G protein coupling.

I will also present our recent discovery revealing the adiponectin receptors as novel types of intra-membrane enzymes able to hydrolyse the bioactive lipid ceramide and our recent analyses of the conformational changes occurring during this process.

Hôte : Paul Schanda (IBS/Groupe RMN)

L'accès au campus EPN nécessite un avis de rendez-vous
Contactez O. Cavoret (au moins 48h à l'avance) - T. 04 57 42 87 04 - email : ibs.seminaires@ibs.fr