

Sébastien GRANIER, Ph.D., has a broad background in G protein-coupled receptors (GPCRs) biochemistry and structural biology. He has studied these proteins since the beginning of his career applying a wide variety of biophysical approaches to address important questions regarding GPCRs function. As a postdoctoral fellow at Stanford in the laboratory of Pr. Brian Kobilka, he started to study opioid receptors which are one of the most studied GPCR representing an ideal target to treat pain and neurological dysfunctions. At that time he has developed tools to express and purify ORs to enable structural studies. After his post-doc, he obtained a tenure track position in France where he has developed biophysical approaches to study vasopressin V2 and glutamate receptors. After 3 years, he decided to go back to Stanford in the Kobilka Lab as a visiting scientist during two years expanding his research to high-resolution structural studies of OR and V2R using X-ray crystallography. He is now a group leader in Montpellier University and is pursuing his work on deciphering the activation mechanisms of GPCR and other membrane proteins.

