



CLAIRE GAVERIAUX-RUFF

From France to Sweden



Project: **Opioid receptors expressed by glial cells in chronic pain control and analgesia tolerance**

Research topic: **Medecine & Health**

Swedish Institution: **Karolinska Institutet**

French Institution: **University of Strasbourg**

Dates of mobility: **24/02/2016 to 27/02/2016**

Program: **SFVE-A (ex-TOR)**



PRESENTATION

[Claire Gavériaux-Ruff](#) is Professor at the Institut de Génétique et de Biologie Moléculaire et Cellulaire (IGBMC) and Research leader of the subgroup “[Pathophysiology of rare diseases affecting nociception](#)” at the [University of Strasbourg](#). She obtained her PhD in Immunology 1988, was habilitated in 1998 and obtained full professorship in 2007 at the [University Institute of Technology Louis Pasteur](#) in Strasbourg. Her research is on opiates such as morphine and their potency in analgesics for chronic pain treatment.

ACTIVITIES IN SWEDEN

Claire Gavériaux-Ruff’s visit to [Karolinska Institutet](#) in Stockholm started by meeting [Prof. Camilla Svensson](#) and her team. They discussed chronic pain, analgesia and tolerance to analgesia. Their respective teams both use preclinical models to study the role of toll-like receptors on the one hand, and the role of opioid receptors on the other hand. The aim of the trip was to familiarize mutually with the respective tools and results, and coordinate future experiments performed by both teams. She met with [Teresa Fernandez Zafra](#) and [Dr. Jungo Kato](#) ([Keio University](#)) and discussed primary glial cell culture with them. Genetic preclinical models were addressed with [Dr. Katarzyna Rogoz](#). Furthermore, she exchanged views on astrocyte cultures with [Dr. Sally Abdelmoaty](#) and [Postdoc Nilesh Agalave](#) ([Uppsala University](#)), on cold nociception with [Su Jie](#), Dr. Kato and [Dr. Katalin Sandor](#), and primary sensory neuronal cultures with Alex Bersellini Farinotti.

Following the discussions, the collaboration between the teams was coordinated, and a research visit by Dr. Sandor to the IGBMC was planned.