



DANIEL ANDERSSON

From Sweden to France



Project: **Cellular mechanisms of contractility in heart and skeletal muscle**

Research topic: **Medecine & Health**

Swedish Institution: **Karolinska Institutet**

French Institution: **University of Montpellier**

Dates of mobility: **06/09/2015 to 11/09/2015**

Program: **SFVE-A (ex-FRÖ)**



PRESENTATION

[Daniel C Andersson](#) is Assc. Prof. in Physiology and consultant cardiologist at [Karolinska Institutet](#) (KI). He is specialized in heart failure cardiology and studies heart and skeletal muscle dysfunction following inflammatory diseases. He obtained his MD degree in 2005 and his PHD in Physiology in 2009 from KI.

ACTIVITIES IN FRANCE

Andersson travelled to the 9214-1046 [PhyMedExp laboratory](#) (Physiologie et Médecine Expérimentale du Coeur et des Muscles) at the [University of Montpellier](#) and the Hospital [CHU Arnaud de Villeneuve](#), co-governed by the French National Center of Scientific Research ([CNRS](#)) and the National Institute of Health and Medical Research ([INSERM](#)). He was hosted by [Dr. Jérémy Fauconnier](#) and [Dr. Alain Lacampagne](#), who is the laboratory director. Both hosts were subject to future collaboration plans on the role of redox signalling from β -adrenergic receptor activation of cardiac cells. Andersson had the chance to visit various units at the laboratory, observing among others experiments on ion channels in cardiomyocytes using a patch clamp technique. He also visited a facility for the measurement of myofibrillar function of isolated cardiac cells. Finally, he held a talk in front of the lab entitled "Inflammation and nitrosative modulation of contractility".