



**VALÉRIE ALLAMAND**

*From France to Sweden*



Project: **Collagen type VI-related neuromuscular disorders**

Research topic: **Medecine & Health**

Swedish Institution: **Lund University / Karolinska Institutet**

French Institution: **National Institute of Health and Medical Research INSERM**

Dates of mobility: **01/04/2017 to 09/04/2017**

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



## PRESENTATION

[Valérie Allamand](#) is a Researcher and Group leader at the [Research Center of Myology](#) UMRS974 of the National Institute of Health and Medical Research ([INSERM](#)) at [Sorbonne University](#). She conducts research on neuromuscular disorders caused by the deficiency of the protein collagen type VI (COLVI) in the extracellular matrix. She obtained her PhD in 1995 from [University Paris 7](#) in Human Genetics and was habilitated (HDR) in 2013.

## ACTIVITIES IN SWEDEN

During the first part of her mobility, in Lund, Valérie Allamand discovered [Prof. Madeleine Durbeej-Hjalt](#)'s laboratory and [Unit of Muscle Biology](#) (BMC C12) at the [Department of Experimental Medical Science](#) of [Lund University](#) (LU). They envisaged a research project which they also carried out jointly at LU in 2019. She met with students who later realised a research project with Allamand's team at the [Hospital Pitié-Salpêtrière](#). They discussed a genetic therapy for myopathies related to COLVI and tested two plasmid constructions. She held a seminar at the BMC entitled "Collagen VI deficiency in humans and animal models" and took part in fruitful discussions on among others quantification of a fibrose with [Dr. Kinga Gawlik](#), who was invited to Paris to conduct joint experiments, and on muscular cellule metabolism deficiencies and a potential collaboration with [Dr. Cibely Fontes Oliveira](#) (now at [Linköping University](#)). She also visited Stockholm, where she met [Prof. Andrés Simon](#) from [Karolinska Institutet](#), with whom she discussed regeneration in the salamander model and potential research collaboration. Upon her return to Lund, she met [Dr. Sebastian Kalamajski](#), Researcher in the Division of Translational Cancer Research ([TCR](#)) and expert on biochemistry regarding proteins in the extracellular matrix. They deliberated on the development of new protocols that might allow to detect oxidation levels in proteins and collagen cross-linking levels. She also met with [Dr. Suado Abdillahi Mohamed](#) from the [Department of Clinical Sciences](#) at the [Faculty of Medicine](#) and [Dr. Vahid Harandi](#).