



**ARTHUR MAGEAU**

*From France to Sweden*



Project: **Viral infection, vaccination, and flare of autoimmune disease**

Research topic: **Medecine & Health**

Swedish Institution: **Karolinska Institutet Stockholm**

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

Dates of mobility: **14/08/2022 to 30/10/2023**

Program: **SFVE-A**



## PRESENTATION

[Arthur Mageau](#) is a PhD student at the National Institute of Health and Medical Research ([INSERM](#)) at the Laboratory for Infection, Antimicrobials, Modelling, Evolution UMR 1137 ([IAME](#)) and at the Inflammation Research Center UMR 1149 ([IRC](#)). His research focuses on rheumatic diseases such as such as the SARS-CoV-2 infection, especially among inpatients with systemic lupus erythematosus (SLE) in France. Patients with autoimmune diseases and COVID-19-associated organ failure were primarily excluded from SARS-CoV-2 vaccine clinical development, and Mageau aims to understand whether SARS-CoV-2 vaccination can induce flares in SLE patients. He is currently working clinically at the [Bichat-Claude Bernard hospital](#) in Paris alongside his academic research.

## ACTIVITIES IN SWEDEN

Arthur Mageau conducted a year-long research mobility within the framework of a European doctorate. He spent most of his time with the research team of [Prof. Johan Askling](#) at the Division for Clinical Epidemiology ([KEP](#)) at [Karolinska Institutet](#) in Stockholm. He carried out research on the interaction between infectious and autoimmune diseases, by evaluating the efficacy and tolerance of the vaccine anti-SARS-CoV-2 among SLE patients in Sweden for his PhD under the direct supervision of [Dr. Elizabeth Arkema](#). The Swedish medical records system offered a unique insight into data on the Swedish population. The publication of three articles were planned during the mobility.

A close collaboration with the head of the [unit "lupus"](#) of the [Rheumatology Division](#) of the Karolinska hospital, [Adjunct Prof. Elisabeth Svenungsson](#), was carried out. Mageau participated in the annual meeting of a Swedish (and Nordic) network of researchers on lupus in Marstrand 2022. At this occasion, he gave a presentation on his work and initiated collaborations with other researchers, notably [Senior Associate Prof. Christopher Sjöwall](#) from [Linköping University](#).