



**INSERM U1259 Morphogenèse & Antigénicité du VIH et des Virus des Hépatites (MAVIVH)**

### **Post-Doctoral researcher position in Virology, University of Tours, France.**

A two-years post-doctoral fellowship is available to work on the identification of novel anti-HIV factors induced by type-I interferons.

The **laboratory** of F Mammano focuses on HIV adaptation to antiviral agents, including drugs and immune responses. The team has recently joined the Unit MAVIVH directed by Ph. Roingeard in Tours (<https://mavivh.univ-tours.fr>). A fully-equipped BSL3 laboratory and state-of-the-art core facilities are available, covering cytometry, genetics, imaging and electron microscopy.

The **project** focuses on the comparison of the antiviral effect of the different IFN-alpha subtypes. It aims the identification of new anti-HIV factors that are differentially induced. To this end, we have conducted a whole-genome transcriptomic analyses of cells exposed to each of the IFN subtypes. This approach has unveiled a limited number of genes whose expression is specifically induced by individual subtypes. Our aim is to identify those responsible for the differential inhibition that we observed on specific steps of the replication cycle (A.Tauzin et al. PMID: 33980591).

The **candidate** should have experience in experimental virology, molecular biology and cell culture. Previous work in a BSL3 laboratory is a plus. We look for highly motivated, team-oriented applicants. Application letters, including the description of previous activities, a CV and contact details of 2 referees, should be sent to: [fabrizio.mammano@inserm.fr](mailto:fabrizio.mammano@inserm.fr)

The **fellowship** is provided by the ANRS-MIE (French national agency for research on AIDS, hepatitis and emerging infectious diseases). The position is available starting in January 2022. Salary will be according to the Inserm salary grids, depending on experience.