



A postdoctoral position in Immunology is available in the team “Vulnerability and Ageing of the Immune System” within the ImmunoConcept Laboratory of the **Bordeaux University, France** under the supervision of Victor Appay. (<https://www.immuconcept.org/ageing/>)

Start and Duration of the appointment: During the course of 2022 for 2 to 3 years, with the possibility for longer or tenure-track position.

Research context and project: Growing evidence indicates that disease in the elderly is related to changes of the immune system competence with ageing, characterized by quantitative and qualitative alterations of immune cells, and a hyper-inflammatory status, referred to as **immunosenescence and inflammaging**, respectively.

Our research tackle immunological questions pertaining to the induction of effective **human T-cell responses** in older humans, and individuals with **cancer** or infected by viruses (e.g **HIV, CMV or SARS-CoV-2**). The project will aim at uncovering impairments of antigen specific $\alpha\beta$ and $\gamma\delta$ **T-cells** with old age or aging associated pathologies, and develop strategies to improve **T-cell priming and vaccine** efficacy in settings of ‘compromised’ immunity.

The successful candidate will benefit from an excellent scientific environment and state-of-the-art research facilities within the ImmunoConcept Laboratory. This project will require a wide variety of techniques including multi-parametric flow cytometry, microculture approaches, single cell molecular profile analyses and T-cell receptor repertoire analyses applied to the study of human cohorts.

Candidate qualification and selection criteria: We seek highly motivated and enthusiastic postdoctoral fellows, able to work independently with excellent communication skills. Applicants should have a Ph.D. with at least one first-author publication and a strong background in immunology. Knowledge of RNAseq analysis is an asset.

Criteria to evaluate candidates will include academic achievements, past research experience, interest in working in a multidisciplinary research environment, enthusiasm and communication skills

Application: Candidates should send their application including CV, a brief description of research accomplishments, list of publications, cover letter and contact for at least two referees into a single PDF file to Victor Appay (victor.appay@immuconcept.org). Selected candidates will be contacted for an on-site or video interview. Please submit your application by May 1st 2022. Late applications will be considered until the position is filled.