Master Project announcement

Laboratory of Molecular Neurobiology and Neuroproteomics
Laboratory of Protein Design and Immunoengineering

Fall 2021

A joint master student’s project is available between the Laboratory of Molecular Neurobiology and Neuroproteomics and the Laboratory of Protein Design and Immunoengineering at the Swiss Federal Institute of Technology in Lausanne (EPFL), Switzerland (www.epfl.ch). The selected candidate will work on an interdisciplinary project aimed to design peptide binders against protein fibrils involved in the pathogenesis of Parkinson’s disease. To achieve this goal, the applicant will learn and apply a number of computational methods for protein design, protein-protein docking and drug discovery.

The project’s nature will allow the qualified candidate to experience working at the interface of chemistry and computational biology. Moreover, the candidate will interact with members of multidisciplinary groups in a highly collaborative and stimulating environment with access to state-of-the-art laboratories and core-facilities.

Highly motivated applicants with background in biochemistry as well as coding in bash and python are welcomed to apply by submitting a letter of interest and curriculum vitae to: ahmed.sadek@epfl.ch

For more information about the involved labs, please visit their official EPFL websites:

Laboratory of Molecular Neurobiology and Neuroproteomics:
https://www.epfl.ch/labs/lashuel-lab/

Laboratory of Protein Design and Immunoengineering:
https://www.epfl.ch/labs/lpdi/

Relevant publications:
