



Postdoctoral Position in Biomolecular Small-Angle X-ray Scattering

Centre de Biologie Structurale – CBS (Montpellier-France)

A 2-year post-doctoral position funded by the French National Research Agency (ANR) is available at the “*Highly Flexible Proteins*” group lead by Pau Bernadó at the *Centre de Biologie Structurale* (CBS) in Montpellier (France).

Project: The project aims at developing of experimental and analytical tools for the interpretation of Small-Angle X-ray Scattering (SAXS) data measured on disordered proteins, biomolecular condensates and functionalized proteins. With a multidisciplinary focus, the candidate will collaborate with computational biologists and bioinorganic chemists to derive new structural information from complex and heterogeneous biomolecular systems.

Candidate: The successful candidate should have a PhD in chemistry, biology or physics and a solid background in biomolecular Small-Angle Scattering (SAS). The candidate should have experience in computational methods and/or protein production.

Environment: The CBS is a dynamic research institute with an outstanding infrastructure covering all techniques for structural biology and biophysics including NMR, X-ray crystallography, cryo-electron microscopy, advanced fluorescence and super-resolution microscopes, single-molecule manipulation, molecular and cell biology, and high-performance computation.

Montpellier is a major biology area with a focus on basic research, biomedicine, plant biology and environmental science. Its science drive, the beauty of the region, its high quality of life, and the short commute to other major regional research areas (Paris, Barcelona, Toulouse, Marseille) make it an ideal destination for scientists from all over the world.

Application: Applications and informal queries about the project and the lab should be addressed to Pau Bernadó (pau.bernado@cbs.cnrs.fr). Interested candidates should send their CV, a cover letter describing their research interests and motivation, and the names of people willing to write a recommendation letter.

Recent Publications of the Group:

González-Foutel NS, et al. *NSMB*, 2022, 29, 781-790.

Bertorele F, et al. *Chemistry* 2022, 28, e202200570.

Sagar A, et al. *Structure*, 2021, 29, 1074-1090.

Sagar A, et al. *J Chem Theory Comput* 2021, 17, 2014-2021.