

**BIOZENTRUM**

Universität Basel  
The Center for  
Molecular Life Sciences



## **PhD and post-doc position in Structural Biology**

Research positions are open to examine the molecular mechanisms underlying:

- (1) Bacterial signalling mediated by the second messenger c-di-GMP**
- (2) AMP transfer onto target proteins mediated by Fic proteins**

Background to the research project can be found in

Palanivelu, D. V., A. Goepfert, M. Meury, P. Guye, C. Dehio, and T. Schirmer. (2011). Fic domain catalyzed adenylation: Insight provided by the structural analysis of the type IV secretion system effector BepA. *Protein Sci.* 20, 492.

Schirmer, T., and U. Jenal. (2009). Structural and mechanistic determinants of c-di-GMP signalling. *Nat. Rev. Microbiol.* 7, 724.

and on the web-site.

An integrated experimental approach comprising genetic, biochemical, biophysical and structural techniques, in particular X-ray crystallography will be encouraged. Our core program is equipped with state-of-the-art biophysical and crystallographic instrumentation.

Highly motivated, structure oriented candidates with experience in molecular biology and protein chemistry are encouraged to apply. Experience in biophysical methods and protein crystallography would be of advantage.

Please, send your CV and the names of two references to:

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