



## 2017 IGBMC Summer Internship

### **High-resolution cryo-EM structural analysis of the complexes involved in gene expression regulation.**

Laboratory of Dr Bruno Klaholz

The internship is focused on the three-dimensional analysis of large macromolecular complexes involved in gene expression regulation (transcription, translation) of our team <http://igbmc.fr/Klaholz>. The project will involve latest technologies in advanced single particle cryo-EM and image processing & 3D structure determination to high-resolution (3 Å range). This includes sample preparation, data collection and structural analysis of ribosome complexes or nuclear receptor complexes.