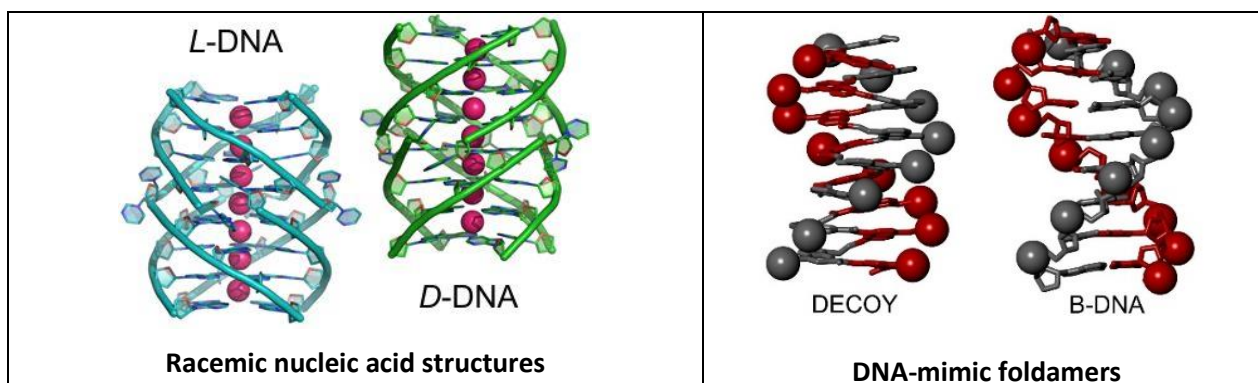


Post-Doc in Nucleic Acid Crystallography

Univ. of Munich – start fall 2023 (flexible)

The post-doc will have a key role in several projects focused on crystalline architectures and assemblies of DNA and DNA-mimic foldamers (illustrations below are crystal structures). The group has frequent access to ESRF and DESY synchrotrons and a brand new home source and recent solved a series of structures at atomic resolution.



References: [Angew. Chem. Int. Ed. 2014, 53, 14424](#); [Nucleic Acids Res. 2016, 44, 1936](#); [ChemBioChem 2016, 17, 1911](#); [Angew. Chem. Int. Ed. 2020, 59, 1606](#); [Nat. Chem. 2018, 10, 511](#); [Nucleic Acids Res. 2019, 47, 5511](#)

Group website: <https://huc.cup.uni-muenchen.de/>

Desired profile:

- **Background:** Experience in small molecular crystallography or biocrystallography. Alternatively, DNA nanotechnologist interested in learning crystallography.
- If possible, experience in crystal growth using hanging/sitting drop methods, crystal handling, data collection and crystallographic structure elucidation
- Additional experience in some of the following would be a plus: measuring on an X-ray home source, nucleic acid-based nanotechnology, biophysics, molecular modelling.
- Creativity, autonomy, team spirit, leadership skills
- Wish to work in a multidisciplinary environment at the chemistry-biology interface.

Applications:

Send a CV and ask reference letters to be sent by e-mail to Prof. Ivan Huc (ivan.huc@cup.lmu.de)