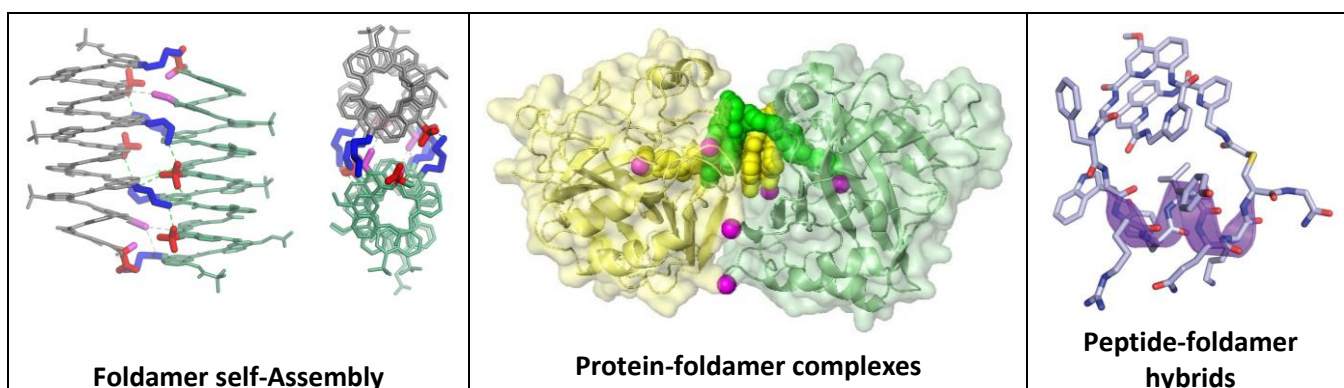


## PhD in peptide-foldamer synthesis

Univ. of Munich – start asap in 2022

The PhD thesis concerns the design, production and characterization of large synthetic molecules consisting of helically folded aromatic oligoamide and peptide segments able to interact with defined protein targets or to self-assemble into protein-sized architectures. The research is multidisciplinary with a strong emphasis on chemical synthesis.



References: [Nat. Chem. 2020, 12, 1180](#); [Angew. Chem. Int. Ed. 2020, 59, 1606](#); [Nat. Chem. 2018, 10, 511](#); [Nat. Chem. 2018, 10, 405](#); [Nat. Chem. 2018, 10, 51](#)

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

### Desired profile:

- **Background:** MSc in organic chemistry, medicinal chemistry, pharmaceutical sciences or chemical biology
- **Experience and knowledge** in solution phase or solid phase synthesis
- Creativity, autonomy, team spirit, leadership skills
- Wish to work in a multidisciplinary environment at the chemistry-biology interface.

### Applications:

Send a CV and motivation letter by e-mail to Prof. Ivan Huc ([ivan.huc@cup.lmu.de](mailto:ivan.huc@cup.lmu.de))