



Research

- > focus on peptides as tools for study of biological and (patho-)physiological processes at molecular level
- > e.g., heme-protein interactions in the context of the development of hemolysis-associated coagulation disorders



Methods

- > organic synthesis of oligo- and polypeptides up to miniproteins by solid-phase peptide synthesis
- > peptide and protein purification (e.g., HPLC, SEC)
- > analytical characterization of peptides and proteins (e.g., HPLC, MS, TLC)
- > protein-ligand interaction studies (e.g., UV/Vis spectroscopy)
- > analysis of structure-function relationships (e.g., clinical assay systems)

Are you interested in learning more about peptide and protein chemistry?

Please get in contact with Jun.-Prof. Dr. Hopp (mhopp@uni-koblenz.de) and join our lab for a practical, research project, and/or thesis.