

### 1-Step Purification of Serum Proteins using Peptide-Columns (Pharmacy)

The aim of this project is the purification of serum proteins using differently prepared affinity columns. The purification of serum proteins is technically challenging, time consuming and costly. By developing advanced columns, the purification process can be streamlined.

The students will receive training in several methods including:

- Solid-Phase Peptide Synthesis (SPPS)
- Column preparation
- Click-Chemistry
- Biological Analysis Methods (SDS-PAGE, Western Blot, MST)

We are looking for a highly motivated, self-driven student to support the project.

Applications can be sent directly to Jannes Felsch ([jannes.felsch@unibas.ch](mailto:jannes.felsch@unibas.ch)).