

# Chemical Engineering of Ultrasound Contrast Agents

Exciting Research Opportunity for ETH Master's Students!

Are you passionate about chemistry, chemical biology, and biomedical innovation? Join our multidisciplinary team as a semester or master's student to develop cutting-edge, responsive probes for ultrasound-based disease biomarker detection!

Gain hands-on experience with advanced techniques, including:

- Organic chemistry & peptide modification
- Microbubble & liposome synthesis
- Acoustic measurements for biomedical imaging

If you're interested in a semester project or master's thesis in our lab, reach out to Pascal Poc at: [pascal.poc@hest.ethz.ch](mailto:pascal.poc@hest.ethz.ch)

We look forward to hearing from you!

