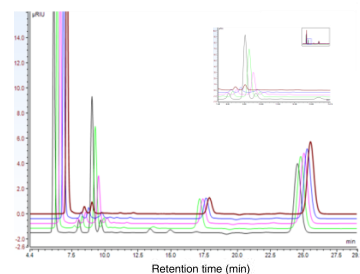


# MASTER THESIS

## „Purification of archaeal tetraether lipids“



### The Goal



- Archaeal lipids are extremely resilient towards harsh environmental conditions
- These lipids are in high demand for pharmaceutical applications in drug delivery
- For quality control it is essential to have highly pure lipid fractions that serve as analytical standards
- By combining selective pretreatment methods with preparative chromatography, pure lipid fractions are to be generated, quantified and prepared as standards for the use in Mass spectrometry

### We Want You!



- Organic chemistry, Analytics, Biotechnology or similar background
- Interest in developing a purification process for lipids in preparative scale
- Interest in analytics (Mass spectrometry)
- Motivated Master student
- Independent and structured person
- Team player

**Master thesis for  
6 months starting  
in AUGUST 2021**

### We Offer



- Be part of one of the world's leading groups working with lipids and work on a highly applied project (no basic science)
- New state-of-the-art equipment as used in industry
- Try out your own ideas
- Get an insight in lipid production processes
- Work in an interdisciplinary team at the interface of bioprocess engineering, organic chemistry, analytics and pharmaceutical chemistry
- Present your results at meetings or conferences
- Granted Scholarship



NovoArc

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Apply here

