

Motivation and Goals of this Position

Process intensification is of utmost importance for economic optimization of chemical processes. Therefore the conversion of industrial waste streams as well as CO₂ into value added products are important future topics. Our group is reputed to quantitatively develop bioprocesses for this waste to value conversion using extremophile organisms. We are looking for a motivated PhD student for the development of waste to value solutions using extremophile organisms!

Opportunities

We offer a highly interesting, diversified position comprising analytics and bioprocess technology tools in tight cooperation with industrial partners.

Requirements

Master in Bioprocess Technology, Biotechnology, Chemical Engineering, or similar. You should have:

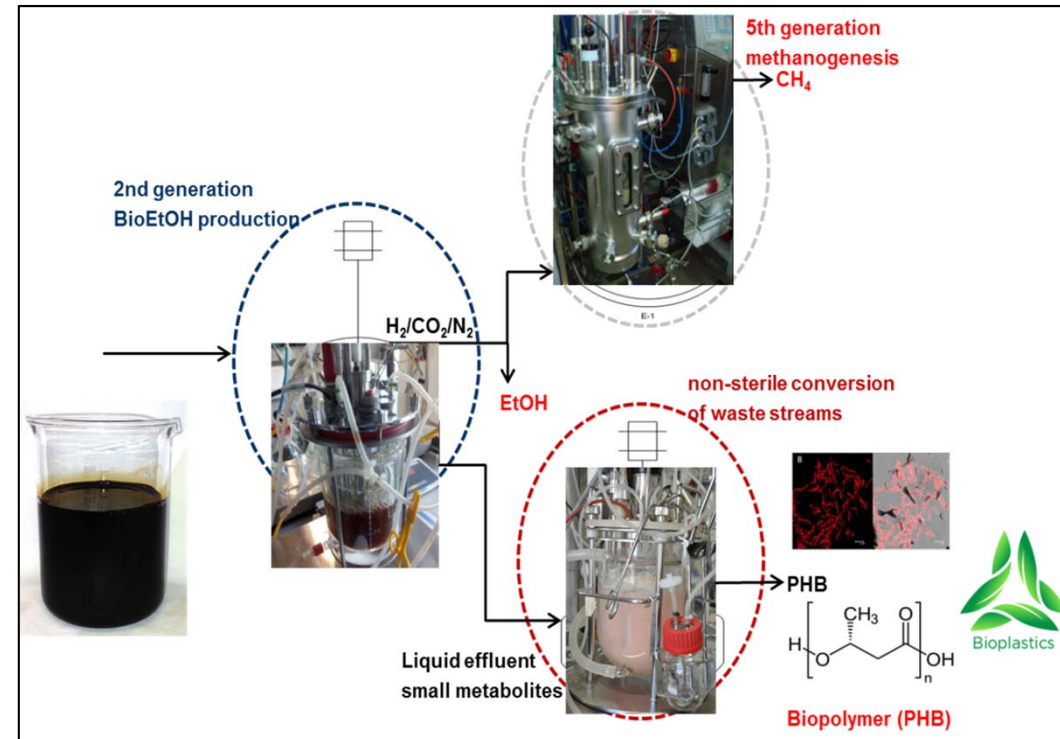
- Experience in fermentation technology and microbiology
- Sensitivity for exploiting new ways of connecting new substrates and organisms with bioprocess solutions
- Interest and affinity in linking bioprocesses and mathematical algorithms

A superior command of English is required. Furthermore, you should be accustomed to networked and critical analytical thinking, scientifically interested and able to work in a team respecting tight project timelines.

The monthly minimum wage is currently € 1'997,- (14x per year), before tax at a 30h/week employment.

Applicants have no claim for reimbursement of travel costs arising from the recording process. The university aims to increase the proportion of women especially in scientific personnel and encourages qualified women to apply.

This PhD position starts on November 1st, 2015 and is scheduled for 3 years.



Please contact:

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