

Partner Name	Partner Type	Supervisor	Country	Project Role Description – PhD 5
Corbion	Industry	Harald Ruijssenaars	NL	<p>Production of lactic acid by a yeast-like fungus</p> <p>This project will explore a yeast-like fungus, as a novel host for production of lactic acid. The first phase of the project will focus on implementing lactic acid production in the strain of interest and perform systems-level optimization of the resulting strain to achieve high-yield, high-titer and high-productivity lactic acid production at low pH. The second phase of the project will focus on development of a fermentation process for production of lactic acid from a variety of streams containing waste sugars, such as lignocellulosic feedstocks or food waste. At proven potential, the process may be scaled up to pilot scale. The production host and fermentation process resulting from this research can contribute to the industrial utilization of waste sugars and bring a circular carbon-economy one step closer. The use of waste sugars would increase the attractiveness of Europe as a production location and could further reduce the eco-footprint of (P)LA as the whole value chain may be brought closer to the end user. The PhD student will be hosted at Corbion R&D in Gorinchem, NL.</p>
RWTH - Aachen	Academic	Lars Blank	Germany	

Any queries on this post please contact Talent4BBI@biorbic.com

ESR's Recruitment Timeline Process										
M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13
Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22
Recruitment Call Open and Applications Assessed					Interviews	ESR's hired, move to hosts. Fellowships commence				
Month 13 - Month 60 - Fellowship Implementation										

