

CORNET Call for Proposals: International Collective Research

--- Organisation profile ---

Organisation:	University of Münster
Website address:	https://www.uni-muenster.de/Biologie.IMMB.Schmid/
Organisation typology:	<input type="checkbox"/> SME Association <input checked="" type="checkbox"/> University <input type="checkbox"/> Research Centre <input type="checkbox"/> Other (please specify)
Sector:	<input checked="" type="checkbox"/> Materials <input checked="" type="checkbox"/> Process Engineering, Energy Technology and Environment <input type="checkbox"/> Business Management and Organisation <input type="checkbox"/> Construction and Production <input checked="" type="checkbox"/> Chemistry, Textile, Food, Health and Medical <input type="checkbox"/> Measurement and Information
Field of specialisation:	Biopolymers, Genome Editing, in vivo modification of polysaccharides
Expertise offered:	<p>We can produce tailored microbial polysaccharides in large scale for specific applications. Based on the industrial needs we can design and provide the most suitable polysaccharide variant. Based on our biotechnology pilot plant, we can perform polysaccharide production in a bioreactor scale of up to 500 litres. The whole down-stream processing of microbial polysaccharides (and other products) is well established and can be used to produce enough material for intensified application testing. We use wild type strains as well as genetically modified variants to address the needs of industry. We also can perform process optimization in bioreactor scale of 1, 2, 10, 30 and 500 L.</p>
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