



Session	Start-ups/SMEs looking for Finance: pre-seed/angel/seed funding
Title	Make chemical manufacturing more efficient with biocatalysis
Company	Enzyan Biocatalysis GmbH
Speaker	Stefan Steinberger (Co-Founder & CCO)
Keywords feedstock (max. 2)	various possible
Keywords technology (max 2)	small molecules
Keywords End-Product (max 2)	biocatalysis, cascades
<b>Abstract:</b>	
<p>Enzyan develops novel manufacturing processes for fine chemicals and pharmaceutical active ingredients based on biocatalytic cascade technology. This approach enables efficient multi-step reactions in fewer reactor operations, reducing waste, energy demand, and reliance on hazardous chemicals. Conventional stepwise synthesis processes are often complex, resource-intensive, and associated with high CO<sub>2</sub> emissions, whereas Enzyan's technology offers safer, more sustainable, and more economical alternatives. As a model project, Enzyan focuses on the production of triptans, a class of tryptamine-based pharmaceuticals with high economic relevance. By advancing this process from proof-of-concept to technology implementation at a licensee's manufacturing site, Enzyan aims to validate its platform and establish robust workflows and expertise that can be extended to other compounds. Through this work, Enzyan positions itself as a pioneer of environmentally friendly process innovation, supporting the long-term resilience and competitiveness of the European chemical and pharmaceutical industry.</p>	