



Dr. Rebecca Hollenbach



Biocatalysis Specialist



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● About Rebecca Hollenbach

Rebecca Hollenbach is a specialist in biocatalysis at Technikum Laubholz. She studied Food Chemistry at the Karlsruhe Institute of Technology (KIT) and completed her master's thesis at the Max Rubner Institute, where she focused on novel foods. From 2017 to 2021, she completed her PhD at KIT in the field of biotechnology, focusing on the sustainable, biocatalytic production of surfactants. She subsequently worked as a postdoctoral researcher on the InSeL research project (Innovative Foam Structures for Efficient Lightweight Construction).

Since June 2022, she has been developing and optimizing sustainable processes for the production of biosurfactants and fine chemicals from renewable raw materials at Technikum Laubholz. In addition, she characterizes the products obtained and contributes to the development of innovative, bio-based value chains.

● About Technikum Laubholz

Technikum Laubholz (TLH) was founded in 2020 on the initiative of the Ministry of Food, Rural Affairs, and Consumer Protection of Baden-Württemberg. Since then, we have been driving the transition to sustainable, future-oriented solutions as a partner to the industry. Our focus is on unlocking the potential of hardwood and transforming it into market-ready applications.

At TLH, interdisciplinary teams work to bring research into practice—quickly, innovatively, and effectively. Our key areas include sustainable materials, biotechnology, plant polymers, as well as the integration of AI and automation. In this way, we create new opportunities and establish wood as a key raw material for the industry of the future.