

Julius Hillenbrand



Julius Hillenbrand is the leader of Digital Process Chemistry within the CMC department at Bayer Pharmaceuticals. He studied Chemistry at Ludwig-Maximilians-University of Munich and conducted research at RWTH Aachen University, UC Berkeley, and the Max Planck Institute for Coal Research in Mülheim. During his doctoral studies, Julius developed a groundbreaking class of catalysts for alkyne metathesis, which earned him prestigious awards, including the Thiel Award and the Otto Hahn Medal for outstanding scientific achievement from the Max Planck Institute and the Max Planck Society.

Since joining Bayer in March 2021, Julius has been at the forefront of a team of highly skilled lab scientists in process chemistry at the Wuppertal site. He is dedicated to driving initiatives that focus on the automation, digitization, and acceleration of chemical process optimization through innovative technologies and advanced data science tools. Throughout his career, Julius has co-authored 14 publications and 5 patents. Additionally, he contributes as a writer for Thieme's Synfacts in the "Innovative Drugs Discovery and Development" section.