

Rebecca Buller is a biological chemist and Professor for Organic Chemistry at the University of Bern. Rebecca studied chemistry at the University of Münster (D) and the University of California Santa Barbara (US). After completing her PhD with a focus on enzyme engineering at the ETH in Zurich (CH), Rebecca Buller accepted a position as laboratory head at the flavour and fragrance company DSM-Firmenich (CH). In 2015 she relocated to the Zurich University of Applied Sciences where she founded the Competence Center for Biocatalysis before moving to the University of Bern as full professor in 2025.

Rebecca and her group seek to apply enzymes for drug discovery, medicinal chemistry and chemical manufacture by sourcing and engineering enzymes for synthetic applications using chemical knowledge and bioinformatic tools. Their research program has been recognized with multiple awards, including the 2023 Roche Sustainability Award, the EFMC Prize for a Young Chemical Biologist in Academia 2024, the Green & Sustainable Chemistry Award of the Swiss Chemical Society in 2024 and the European Award for Young Group Leaders of the Chemical Biology Group of the Royal Spanish Society of Chemistry in 2026.

Rebecca acts as an expert on several panels and is an editor for the Journal of the American Chemical Society. She is a founding board member of Swiss Women in Chemistry, a network supporting female students, postdoctoral researchers and scientists in the life sciences. She has also co-organised several scientific conferences, including Biotrans 2025 and the annual SCS Conference on Stereochemistry (Bürgenstock Conference).