## Developments in Chemo-Enzymatic Alkaloid Synthesis via Biocatalytic Transformations

## Biocatalysts are a valuable tool for alkaloid synthesis





**Alkaloid synthesis** 



**Medicinal use** 

Integration of biocatalysts for chemo-enzymatic alkaloid synthesis could solve large-scale production challenges

Shorter chemo-enzymatic syntheses are an economically viable option

**Collaborative efforts are essential to exploiting** the new chemo-enzymatic approaches to alkaloid synthesis

The role of biocatalysis in the asymmetric synthesis of alkaloids – an update Schrittwieser et al. (2021) | RSC Advances | DOI: 10.1039/D1RA04181A



## alkaloid synthesis





