



**Showcasing research from Professor Regina Palkovits's laboratory, Institute for Technical and Macromolecular Chemistry, RWTH Aachen University, Germany.**

#### Electrochemical depolymerisation of polylactic acid

In this study, we extend the scope of chemical recycling techniques with an electrochemical depolymerisation of bio-based polylactic acid. We show the feasibility of the process not only with lab-made polymers but also with real PLA waste materials. In addition, first mechanistic insights and the effects of reaction conditions are discussed.

#### As featured in:



See Regina Palkovits *et al.*,  
*Green Chem.*, 2024, **26**, 6423.