

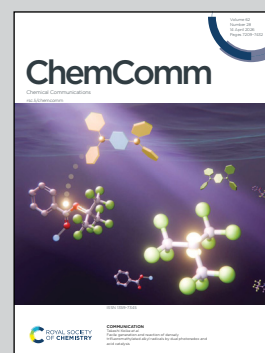
Showcasing research from Professor Biswarup Jash's laboratory, Department of Chemistry, Indian Institute of Technology Kharagpur, West Bengal, India.

A possible non-enzymatic pathway for metabolite oxidation under early Earth conditions

Our metal-based non-enzymatic system can drive oxidation and concomitant breakdown of metabolites under plausible early Earth scenario. This finding may suggest a pathway for building the primordial chemical network by harnessing the energy dissipated through the degradation of molecules.

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See Nirmal Pal and Biswarup Jash, *Chem. Commun.*, 2026, **62**, 7324.