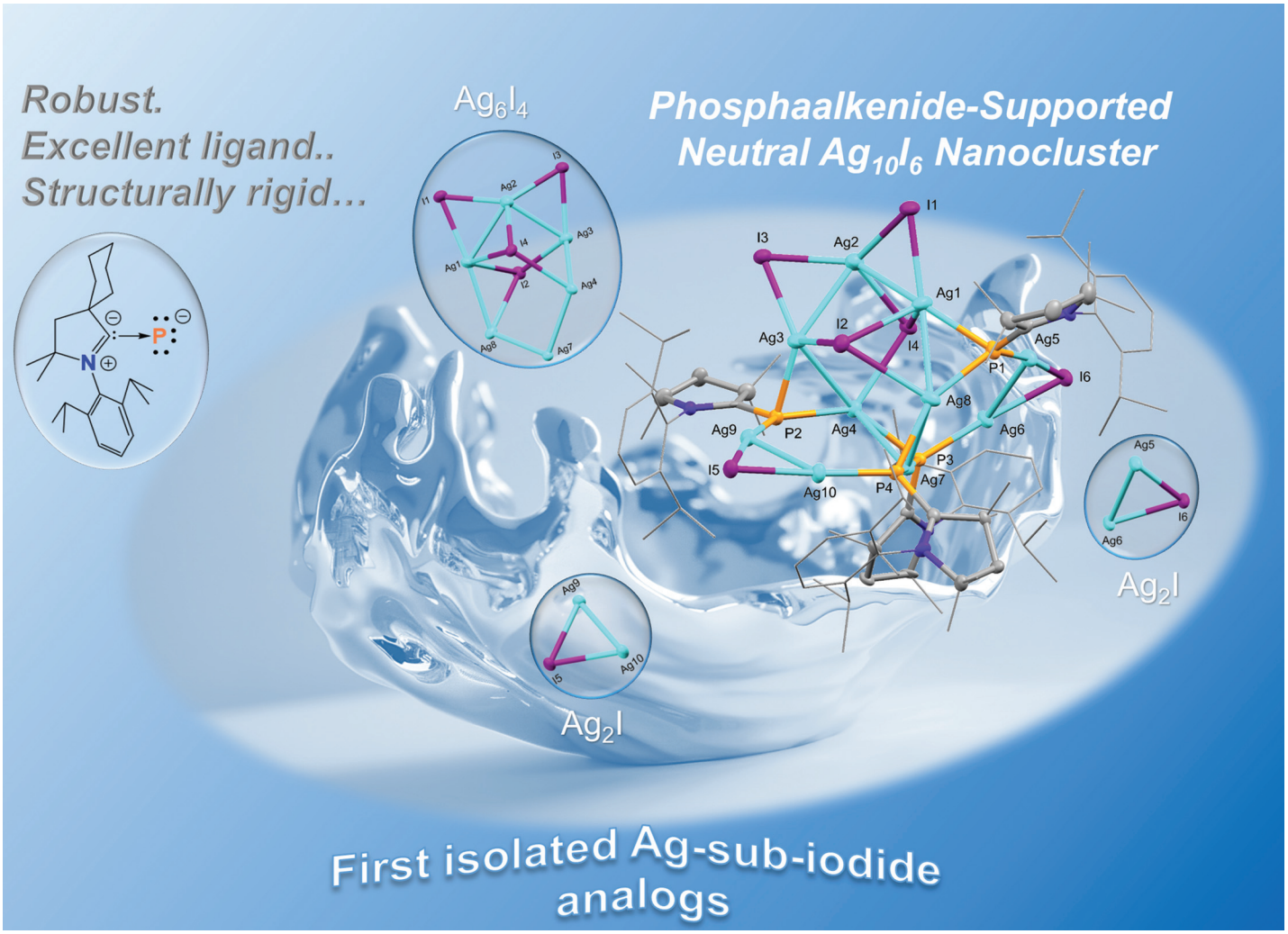

Showcasing research from Professor Sudipta Roy's laboratory, Department of Chemistry, Indian Institute of Science Education and Research (IISER) Tirupati, Andhra Pradesh, India.

Isolation of a carbene-phosphaalkenide-supported neutral Ag_{10} nanocluster featuring elusive silver-sub-iodide analogs, Ag_2I and Ag_6I_4

Cyclic alkyl(amino)carbene (cAAC)-supported phosphaalkenides are successfully employed to stabilize two elusive silver sub-iodide analogs, Ag_2I and Ag_6I_4 within an atomically-precise Ag(I) nanocluster, featuring a butterfly like Ag_6I_4 metallic core.

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As featured in:



See Sudipta Roy *et al.*, *Chem. Commun.*, 2026, **62**, 24051.

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