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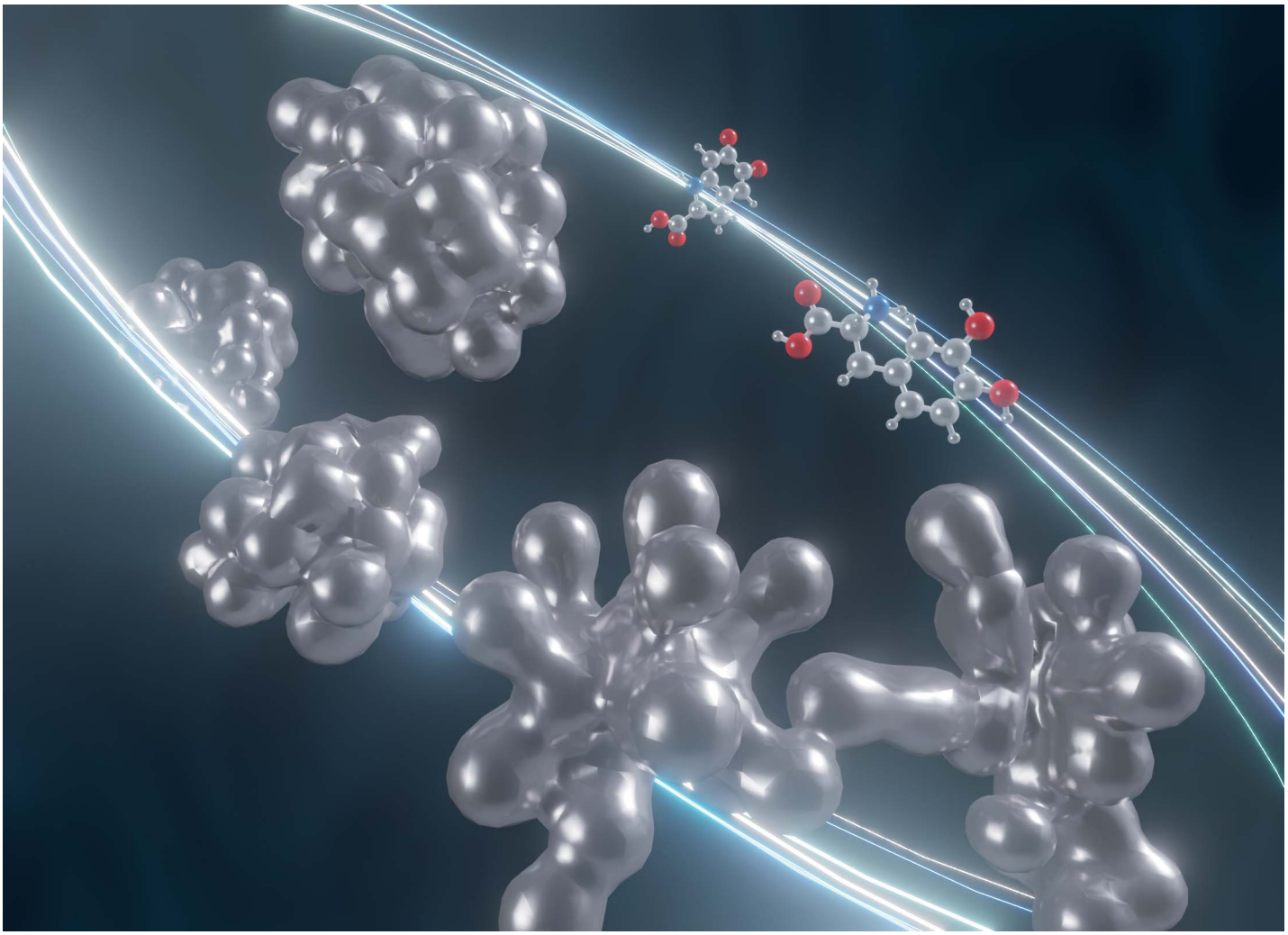

Showcasing research from Professor Lodeiro laboratory, BIOSCOPE Research Group, NOVA School of Science and Technology Chemistry, NOVA University Lisbon, Caparica, Portugal.

Copper(I) as a reducing agent for the synthesis of bimetallic PtCu catalytic nanoparticles

We have investigated the utilization of Cu(I) as a reducing agent for the transformation of the platinum salt K_2PtCl_4, resulting in the production of bimetallic nanoparticles. This approach offers a convenient and accessible methodology to produce stable bimetallic nanostructures. The catalytic properties of these novel nanomaterials have been explored in various applications, including their use as artificial metalloenzymes and in the degradation of dyes.

As featured in:

See A. Fernández-Lodeiro, J. M. Palomo, C. Lodeiro *et al.*, *Nanoscale Adv.*, 2023, **5**, 4415.

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