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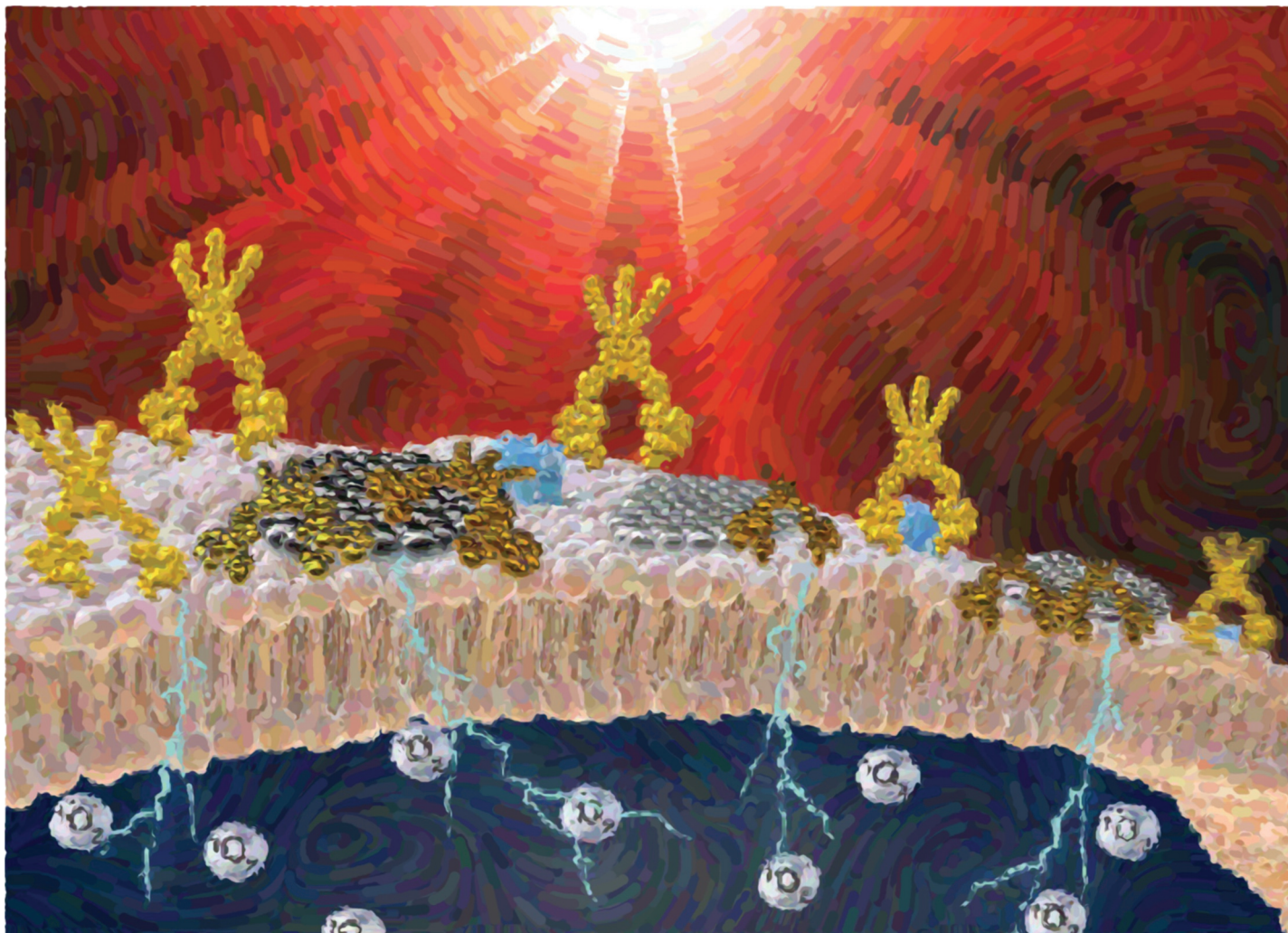
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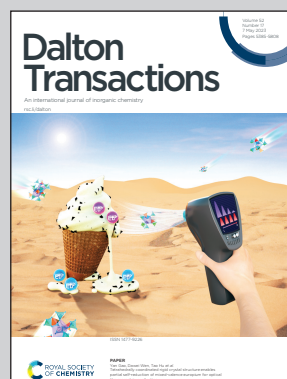
**Showcasing research from Professor Elif OKUTAN's laboratory, Department of Chemistry, Gebze Technical University, Kocaeli, Türkiye.**

BODIPY-GO nanocomposites decorated with a biocompatible branched ethylene glycol moiety for targeted PDT

Development of tailor-made GO-based photoactive systems and investigation of the cytotoxic efficiencies of such systems against tumour cells are widely studied and new possibilities of BODIPY-GO nanocarriers have attracted much attention. Three multifunctional BODIPYs decorated with targeting and branched ethylene glycol moieties and their GO nanocarriers were fabricated to investigate the singlet oxygen production and PDT efficiency. This study may provide insight to new design strategies for triplet photosensitizers for targeted PDT.

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**As featured in:**



See Elif Okutan *et al.*, *Dalton Trans.*, 2023, **52**, 5466.