

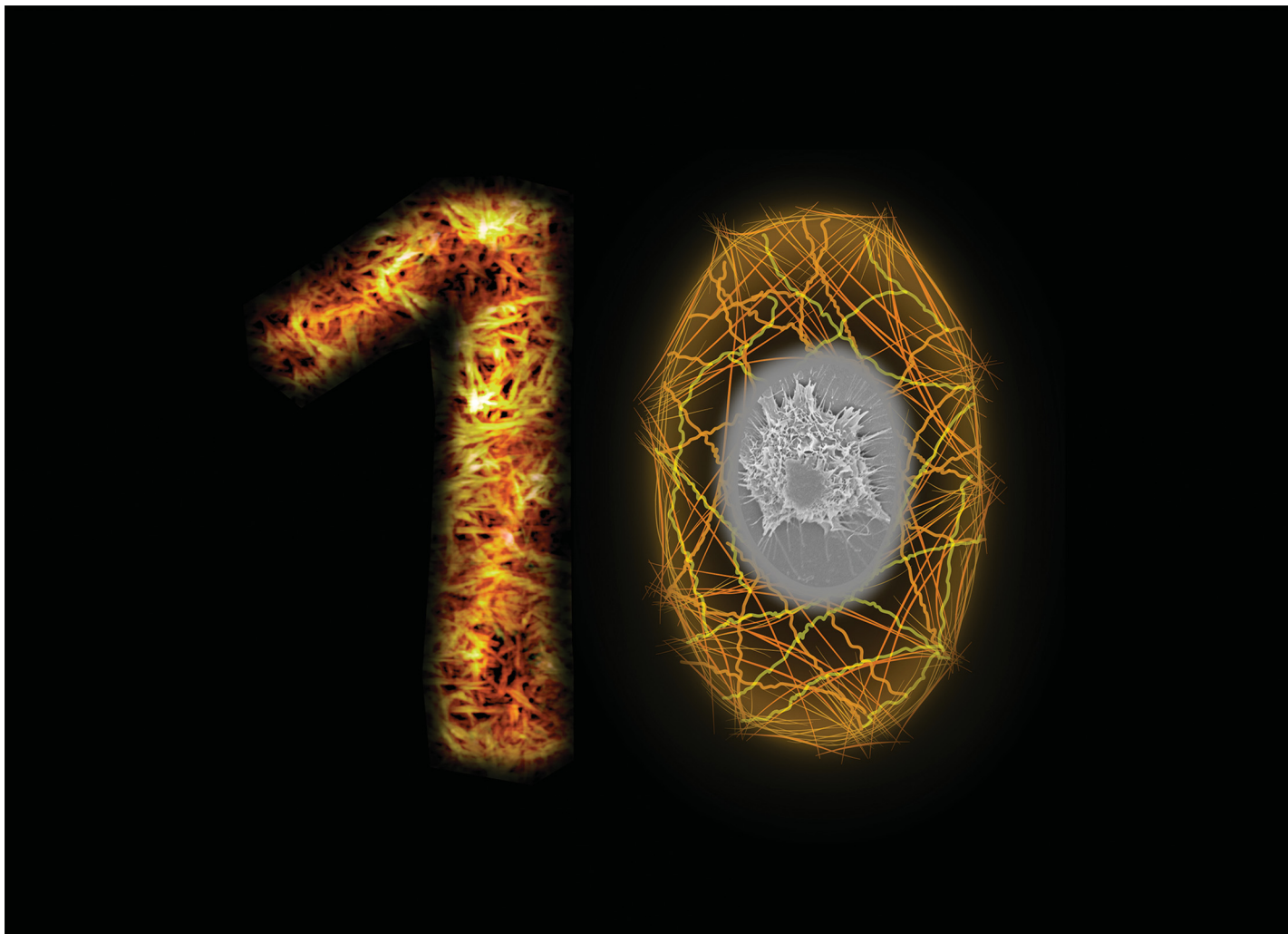
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Elemental answers**

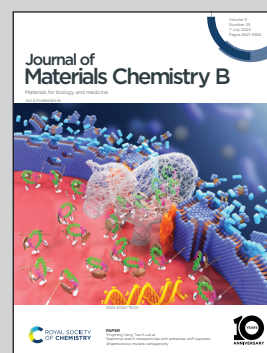


Showcasing research from MANTA - Marine Materials group in the Institute of Analytical Sciences and Physico-Chemistry for Environment and Materials (IPREM) at University of Pau and Adour Countries (UPPA), France.

The role of nanochitin in biologically-active matrices for tissue engineering-where do we stand?

Chitin, throughout its history has served as a source of chitosan - its main derivative - and, lately, also as a precursor of nanoscale forms: nanocrystals and nanofibers. These chitin nanoforms have been widely used as functional and reinforcing agents in composites. In the last two decades, its use within biologically-active matrices namely polysaccharides and proteins for use in biomedical applications, with special interest in the field of Tissue Engineering, has grown considerably.

As featured in:



See Susana C. M. Fernandes *et al.*,
J. Mater. Chem. B, 2023, **11**, 5630.