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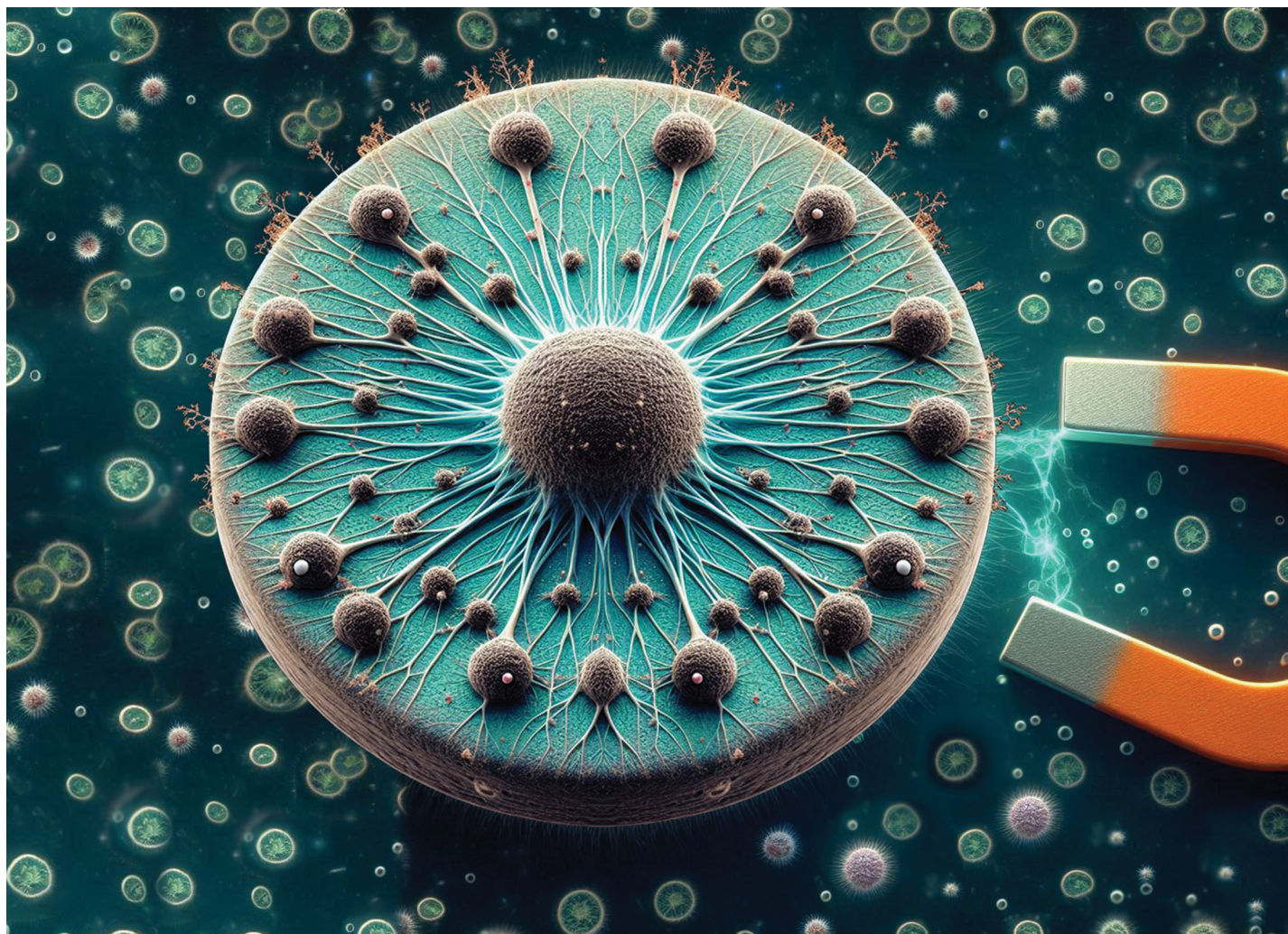
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Showcasing research from Professor Gianluca Maria Farinola,
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Magnetic diatom shells: nature's blueprint for cellular
transport

In this work chemically functionalized diatom shells were used to carry and magnetically move human neurons, after their spontaneous adhesion onto these natural surfaces. The aim is to produce micro-manufactured materials starting from bioinspired sources, for a convincing and envisaging integration into biomedical devices (Acknowledgements: Fondo per la Qualità e l'Internazionalizzazione della Ricerca).

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As featured in:



See Gianluca M. Farinola,
Michele Bianchi *et al.*,
J. Mater. Chem. B, 2025, **13**, 7024.