

Environmental Science: Atmospheres

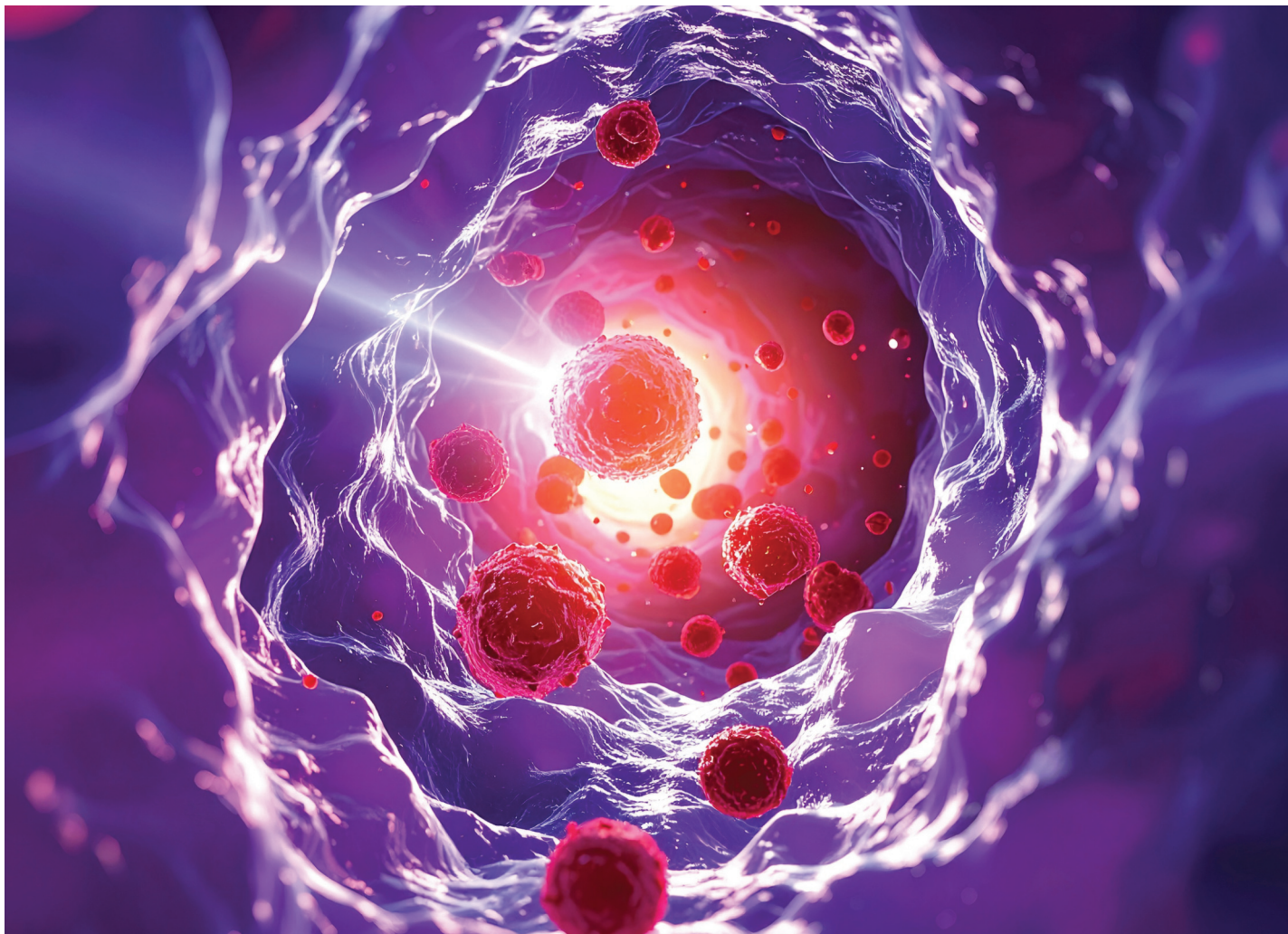
GOLD
OPEN
ACCESS

Connecting communities
and inspiring new ideas

rsc.li/submittoEA

Fundamental questions
Elemental answers





Highlighting a research article from the Laboratory of Nanobiomaterials, NANOBIOTEC (UBA-CONICET), Faculty of Pharmacy and Biochemistry, University of Buenos Aires, Argentina.

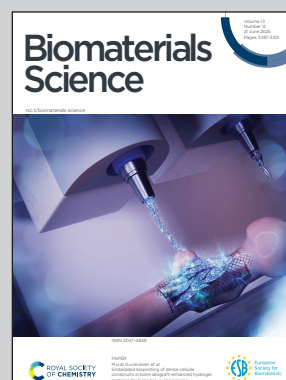
Novel doxycycline gold nanoparticles *via* green synthesis using PEO-PPO block copolymers for enhanced radiosensitization of melanoma

This study introduces a sustainable green synthesis of gold nanoparticles mediated by PEO-PPO triblock copolymers, enhancing their radiosensitization effect against melanoma cells through doxycycline integration, a mitochondrial biogenesis inhibitor with radiosensitizing properties.

The authors would like to acknowledge that the image was generated with AI.

Image reproduced by permission of Agostina Cammarata, Hebe Durán and Romina J. Glisoni from *Biomater. Sci.*, 2025, **13**, 3223.

As featured in:



See Romina J. Glisoni *et al.*, *Biomater. Sci.*, 2025, **13**, 3223.