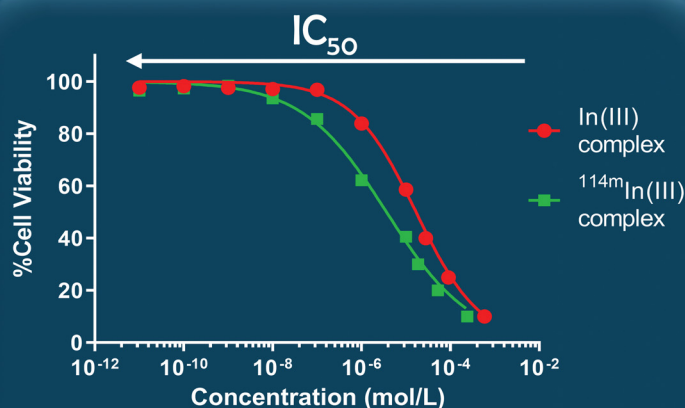


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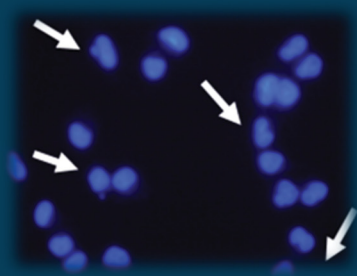
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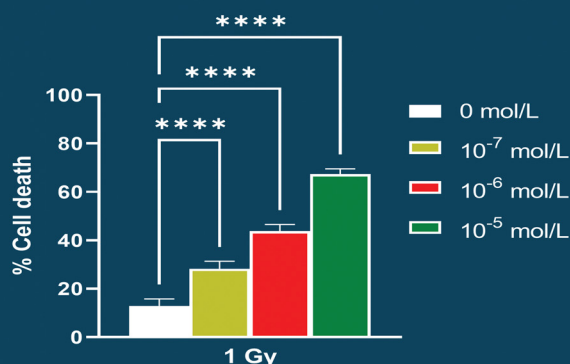
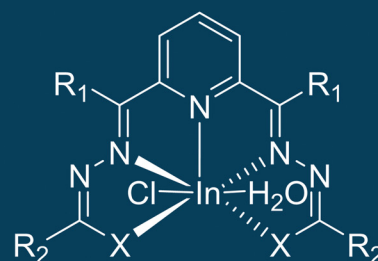


Radiochemotherapeutic potential



MDA-MB-231 cells

In(III) complexes



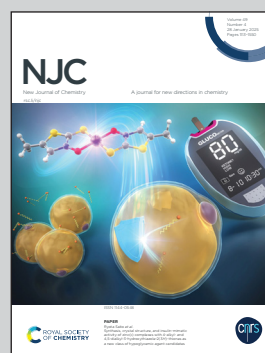
Radiosensitizer potential

Showcasing research from Professor Heloisa Beraldo's laboratory, Chemistry Department, Universidade Federal de Minas Gerais, Brazil

Indium(III) complexes with Schiff base-derived polydentate ligands: chemotherapeutic, radiochemotherapeutic, and radiosensitizer potentials against breast tumor cells

In(III) and ^{114m}In(III) complexes with Schiff base polydentate ligands showed cytotoxic effects against breast tumor cells. Radiotherapy with gamma radiation from a ⁶⁰Co source combined with the treatment with the In(III) complexes improved the efficacy of radiotherapeutic doses used for hypo-fractionated radiotherapy.

As featured in:



See Raquel G. Dos Santos, Heloisa Beraldo *et al.*, *New J. Chem.*, 2025, **49**, 1159.