

CONTACT

Tech ID: 33854 / UC Case 2024-710-0

OTHER INFORMATION

KEYWORDS

CATEGORIZED AS

- ▶ **Imaging**
 - ▶ Medical
 - ▶ Molecular
- ▶ **Medical**
 - ▶ Diagnostics

RELATED CASES

2024-710-0

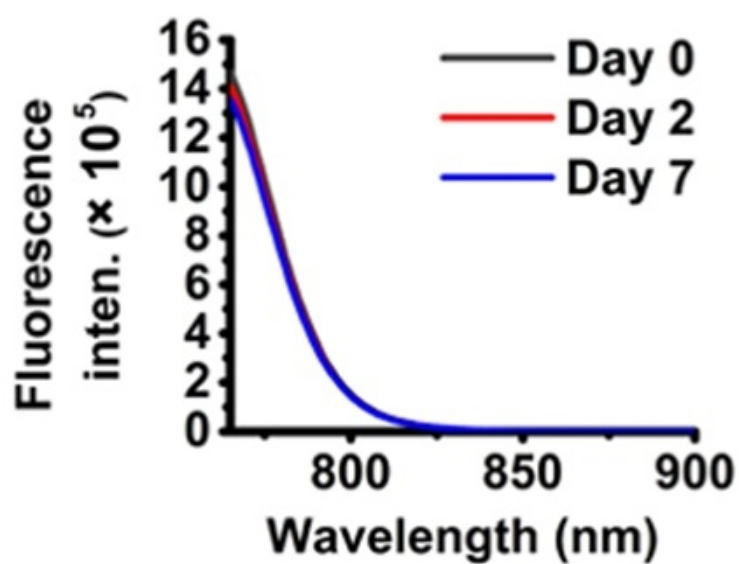


Fig 1: Fluorescence emission spectra of the nanoparticles combining the NIR and MR dyes. These nanoparticles have a 2.6- and 2-fold higher fluorescence emissions, respectively, when compared with the values for the single-mode NIR and MR particles.

- For use in various imaging applications such as deep tissue imaging, tumor staging and mapping, and small tumor nodules visualization for resection.
- For integration into various theranostic treatments like chemotherapy, phototherapy, and dual therapy, as nanovaccines and as theranostic agent.

PATENT STATUS

Patent Pending

RELATED MATERIALS

► Lee, C. H., Zaman, S., Kundra, V., & Anvari, B. (2024). Erythrocyte nano-ghosts with dual optical and magnetic resonance characteristics. *Journal of biomedical optics*, 29(8), 085001 - 08/20/2024

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