



Inspired by nature, this cover showcases innovative hybrid nanoparticles for advanced drug delivery, combining unique biomimetic materials with promising nasal release properties developed at National and Kapodistrian University of Athens and the National Hellenic Research Foundation, Greece.

PEO-*b*-PCL/Tween 80/cyclodextrin systems: from bioinspired fabrication to possible nasal administration of ropinirole hydrochloride

Innovative biomimetic drug delivery systems using poly(ethylene-oxide)-*b*-poly(ϵ -caprolactone) block copolymers of varying molecular weights and compositions, non-ionic surfactants, and cyclodextrins were self-assembled into hybrid structures with ideal properties for nasal administration of antiparkinsonian drugs.

As featured in:



See Natassa Pippa, Stergios Pispas *et al.*, *J. Mater. Chem. B*, 2024, **12**, 6587.