

# RSC Applied Polymers

**The application of polymers,  
both natural and synthetic**

**Interdisciplinary and open access**

**[rsc.li/RSCApplPolym](https://rsc.li/RSCApplPolym)**

**Fundamental questions  
Elemental answers**



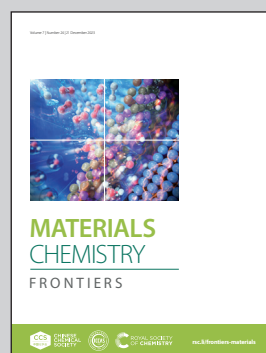


**Showcasing research from Professor Tanner's laboratory,  
Department of Chemistry and Biochemistry,  
University of Mississippi, MS, USA.**

Good's buffer based highly biocompatible ionic liquid  
modified PLGA nanoparticles for the selective uptake  
in cancer cells

When coated with a Good's buffer-based ionic liquid,  
PLGA nanoparticles show preferential uptake into  
triple-negative breast cancer cells compared to  
healthy human mammary cells.

### As featured in:



See Eden E. L. Tanner *et al.*,  
*Mater. Chem. Front.*, 2023, 7, 6213.

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**CHINESE  
CHEMICAL  
SOCIETY**



**ROYAL SOCIETY  
OF CHEMISTRY**

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