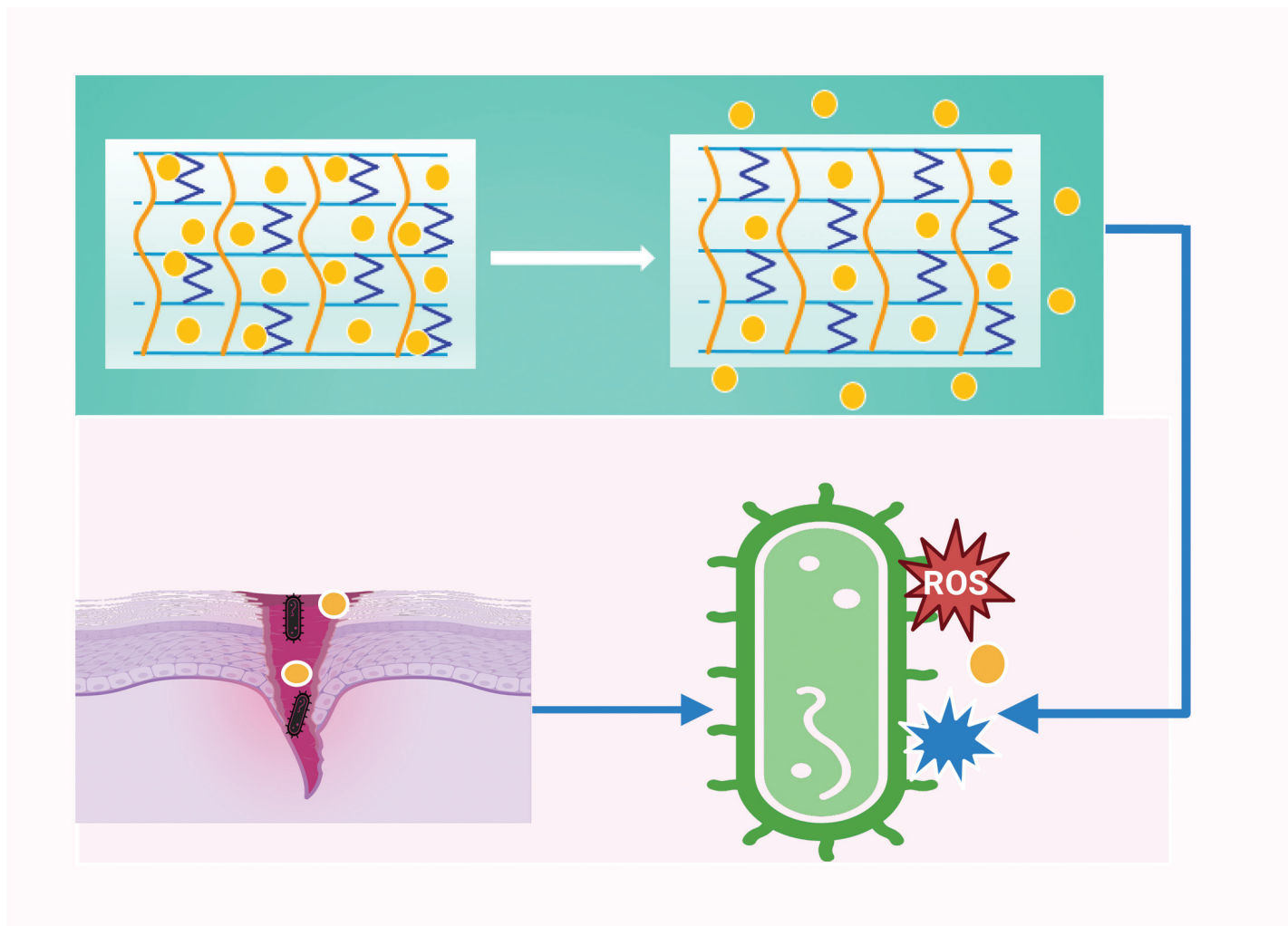


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Highlighting a research article from Prof. Dr. Md. Ibrahim H. Mondal's Polymer & Textile Research Laboratory, Dept. of Applied Chemistry & Chemical Engineering, University of Rajshahi, Bangladesh.

Enhanced wound healing with biogenic zinc oxide nanoparticle-incorporated carboxymethyl cellulose/polyvinylpyrrolidone nanocomposite hydrogels

Wounds of albino mice were treated with CMC/PVP and CMC/PVP/nZnO (6%) nanocomposite hydrogels and healed as demonstrated by the wound healing assay and histological staining. In vitro and in vivo studies revealed that the novel nanocomposite hydrogels have improved cell viability and wound healing features.

As featured in:



See Ibrahim H. Mondal, Md. Monirul Islam and Firoz Ahmed, *Biomater. Sci.*, 2025, **13**, 193.