

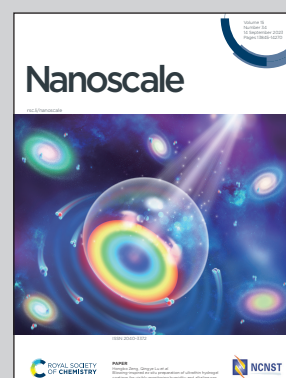


Showcasing research from Prof. Yuanyuan Wang's group at School and Hospital of Stomatology, Peking University and Prof. Zhiqiang Lin's group at School of Basic Medical Sciences, Peking University, Beijing, China.

Engineering core-shell chromium nanozymes with inflammation-suppressing, ROS-scavenging and antibacterial properties for pulpitis treatment

Chromium nanozymes (NanoCr), selected from dozens of metallic nanoparticles with core-shell structures, have demonstrated excellent biocompatibility and multienzyme activity. NanoCr has shown effective inhibition against various common pathogens causing oral infections and has the ability to suppress inflammation reactions. This balance between biocompatibility, anti-inflammatory capacity, and antibacterial performance makes NanoCr a promising therapeutic strategy for clinical pulpitis.

As featured in:



See Zhiqiang Lin, Yuanyuan Wang *et al.*, *Nanoscale*, 2023, **15**, 13971.