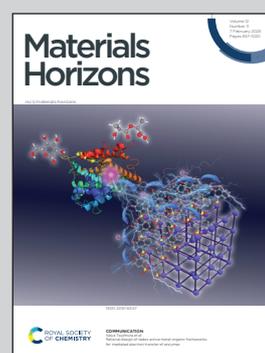


Showcasing research from Professor Seongjun Park's group at the College of Transdisciplinary Innovations and Department of Biomedical Sciences, College of Medicine, Seoul National University, Seoul, Republic of Korea.

Thermally drawn porous sutures for controlled drug release using thermally induced phase separation

Customizable porous sutures were fabricated through a novel combination of thermally induced phase separation (TIPS) and the thermal drawing process (TDP). By engineering tunable pore sizes and complex internal morphologies, these sutures enable precise control over drug release profiles and degradation rates while facilitating seamless material integration.

As featured in:



See Seongjun Park *et al.*,
Mater. Horiz., 2025, 12, 779.