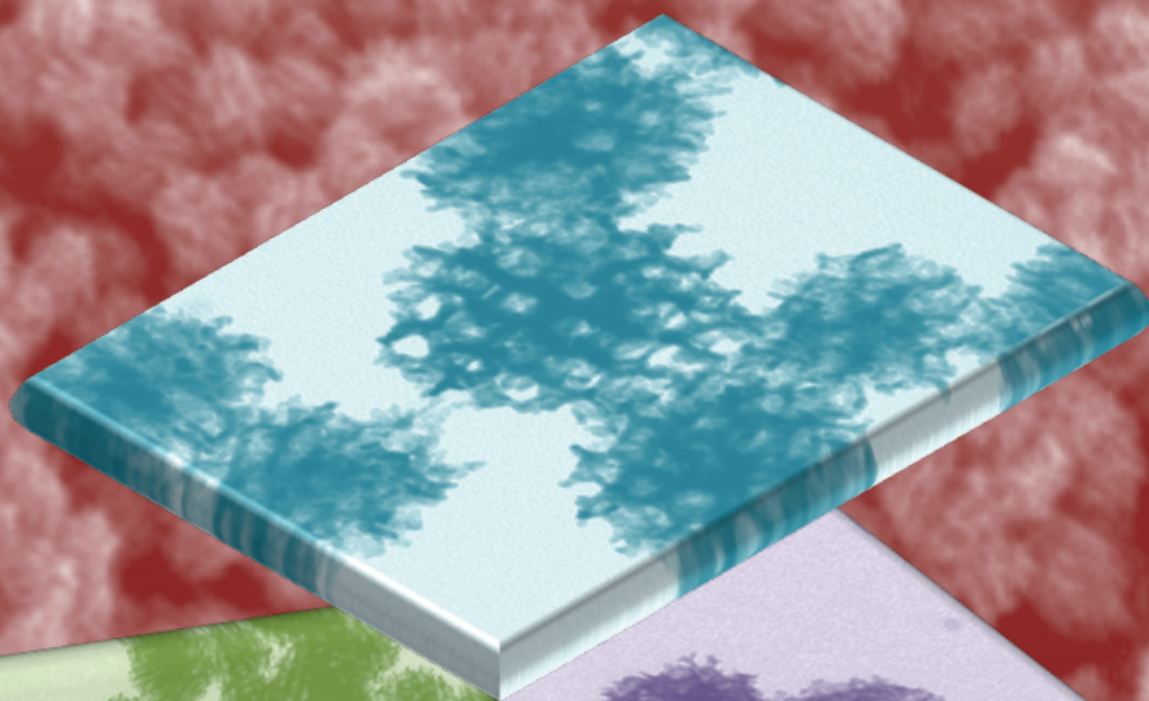


ADVANCED FUNCTIONAL MATERIALS



METALLIC NANOPARTICLES

Hexagonal mesophases composed of oil-swollen surfactant-stabilized tubes arranged on a lattice in water and doped with metallic salts are used as soft templates for the synthesis of porous bimetallic nanostructures of controlled porosity and composition. As reported by Hynd Remita and co-workers on page 4900, the pore size can be varied from 10 to 55 nm and control over such a large range the porosity of nanomaterials is a premiere. Image courtesy of Eve Ranvier.