

The background of the entire page is a close-up photograph of numerous white, oval-shaped silk hydrogels. These hydrogels have a textured, porous surface. A medical syringe is positioned vertically in the center of the frame, containing a red liquid. The syringe's needle is pointing downwards, and its plunger is visible near the top. The syringe is partially obscured by the large title text.

ADVANCED FUNCTIONAL MATERIALS

SILK HYDROGELS

Although silk is an ancient material, it is highly versatile and can be processed into various material formats to accommodate new and emerging applications. On page 58, David L. Kaplan and co-workers demonstrate that self-assembling silk hydrogels can serve as a valuable local delivery platform for cancer research.