



## **HYDROGELS**

As reported by Lara A. Estroff and co-workers on page 2891, the porous networks formed by hydrogel matrices (freeze-dried silica gel in the background) provide a versatile medium for crystal growth of a wide range of calcium carbonate structures. Shown from top to bottom are single-crystal equilibrium morphologies, non-equilibrium "hopper crystals", polycrystalline aggregates, and spherulites. In addition, the crystalline products can incorporate the hydrogel matrix forming crystalline composites.

