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Interface is a new international journal publishing papers from the interface between the physical sciences, including mathematics, and the life sciences. It provides a high-quality forum to publish rapidly and interact across this important boundary in two main ways: Interface publishes research exploring chemistry, engineering, materials science, mathematics and physics to the biological and medical sciences; it also highlights discoveries in the life sciences that advance our understanding of the physical sciences. Both sides of the interface are considered equally.

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Cover image: Ice crystal formation in solutions of ice-binding proteins. Some of the shapes were formed during growth while others were remelting. The clear difference in the ice-shaping mechanisms of moderate and hypertrophic antifreeze proteins has implications both for the understanding of antifreeze protein interactions with ice and for their potential use. (See pages 3248-3259; image courtesy of Maya Bar-Dolev.)