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Artist’s impression of how a monolayer of aligned microtubule filaments is assembled on the inner leaflet of a lipid bilayer. Powered by molecular motors, liquid crystalline microtubules generate dynamic states that include sustained oscillations of topological defects and shape-changing materials with streaming filopodia-like protrusions. See page 1135.

Image: Christoph Hohmann, Nanosystems Initiative Munich

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