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Single frame from a super-resolution movie of α-actinin (magenta) bundling actin cytoskeletal filaments (green) into thick fibers at the edges of growing membrane ruffles in a living COS-7 cell. The movie was acquired with a new form of nonlinear structured illumination microscopy that achieves 62-nanometer resolution at subsecond acquisition times for dozens of frames. See page 944 and dx.doi.org/10.1126/science.aab5500. Image: Dong Li and Eric Betzig, Janelia Research Campus/Howard Hughes Medical Institute

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