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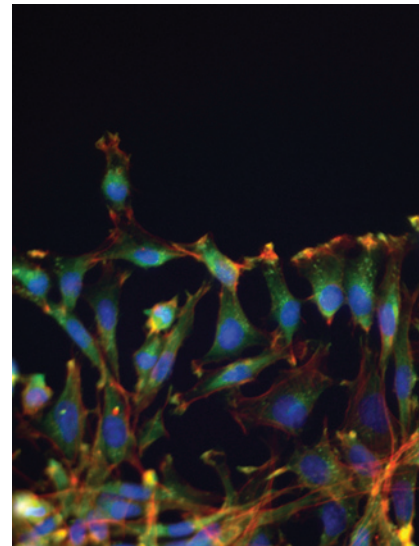
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ABOUT THE COVER

The migratory potential of cells depends on the reorganization of the cell cytoskeleton. In this study, the effects of the acetylenic tricyclic bis-(cyano enone), TBE-31, on actin polymerization and cell migration of normal and tumor cells were investigated. The cover micrograph shows immunofluorescence staining of polarized Rat2 fibroblasts. Confluent monolayers of cells were scratched and incubated at 37°C for six hours to allow them to polarize. The cells were then fixed, permeabilized, and immunostained with anti-Arp3 antibodies (to visualize actin-related protein 3; green), AlexaFluor 555 phalloidin (to visualize filamentous actin; red), and DAPI (to visualize nuclei; blue). Note that the Arp3 and polymerized branched actin co-localize at the leading edge of migrating cells (yellow stain). See the article by Chan and colleagues (beginning on page 727) for more information.



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