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**Cover picture:** Mutual arrangement of myosin II and actin in fibroblast lamella as revealed at light (*top*) and electron microscopic (*bottom*) levels. In light microscopic image (shown in Fig. 7 a of Verkhovsky et al., in this issue), myosin (*red*) is revealed by indirect immunofluorescence and actin (*blue*) by staining with fluorescent phalloidin. Near the active edge of the cell (*right*), small distinct myosin spots are associated with disorganized actin suggesting that myosin aggregation may precede the formation of actin filament bundles. With distance from the edge, myosin spots become larger, assume asymmetric ribbonlike shape, and align in periodic musclelike banding pattern. This is paralleled by development of actin filament bundles. In the electron microscopic image, a zig-zag like assembly of myosin II minifilaments is revealed by immunogold staining among loosely aligned actin filaments. Gold particles are digitally highlighted in yellow. See related article in this issue by Verkhovsky et al., 989–1002.

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