

Reconstruction of active blebbing motion from amoeba extract

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Amoeboid locomotion is one of the typical modes of biological cell migration. We developed a model system in which an actomyosin fraction moves like an amoeba through blebbing motion. Actomyosin cortex of this amoeba model contracts to make a thrust pressure for the blebbing. We will discuss of this motion based on the experimental observations and measurements.

1. Y. Nishigami, et al., (submitted).