

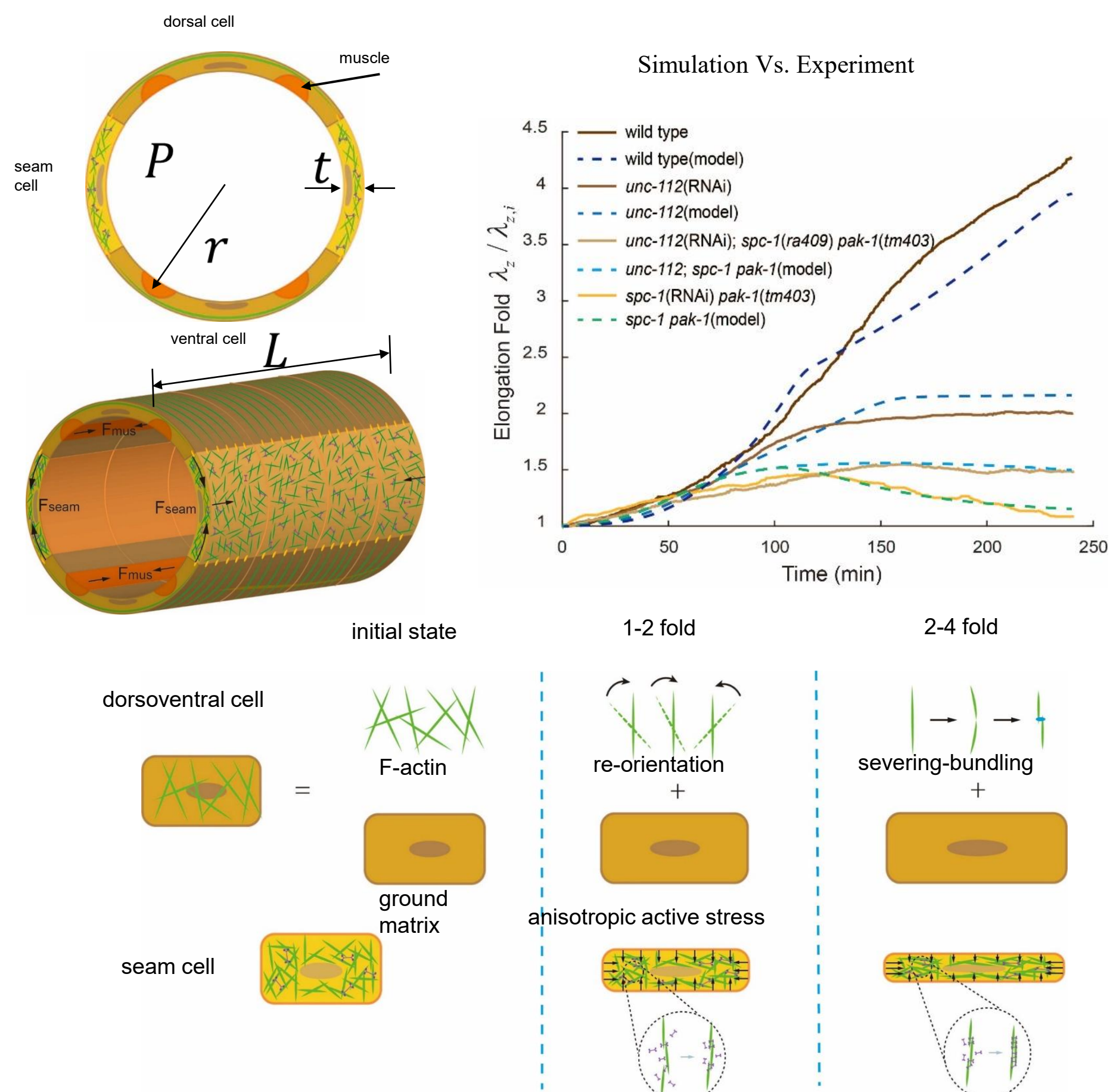


Cell and Tissue Mechanics

Prof. Yuan Lin, Dr. F. Sun, Dr. C. Fang, Dr. X. Shao, Z. Hao

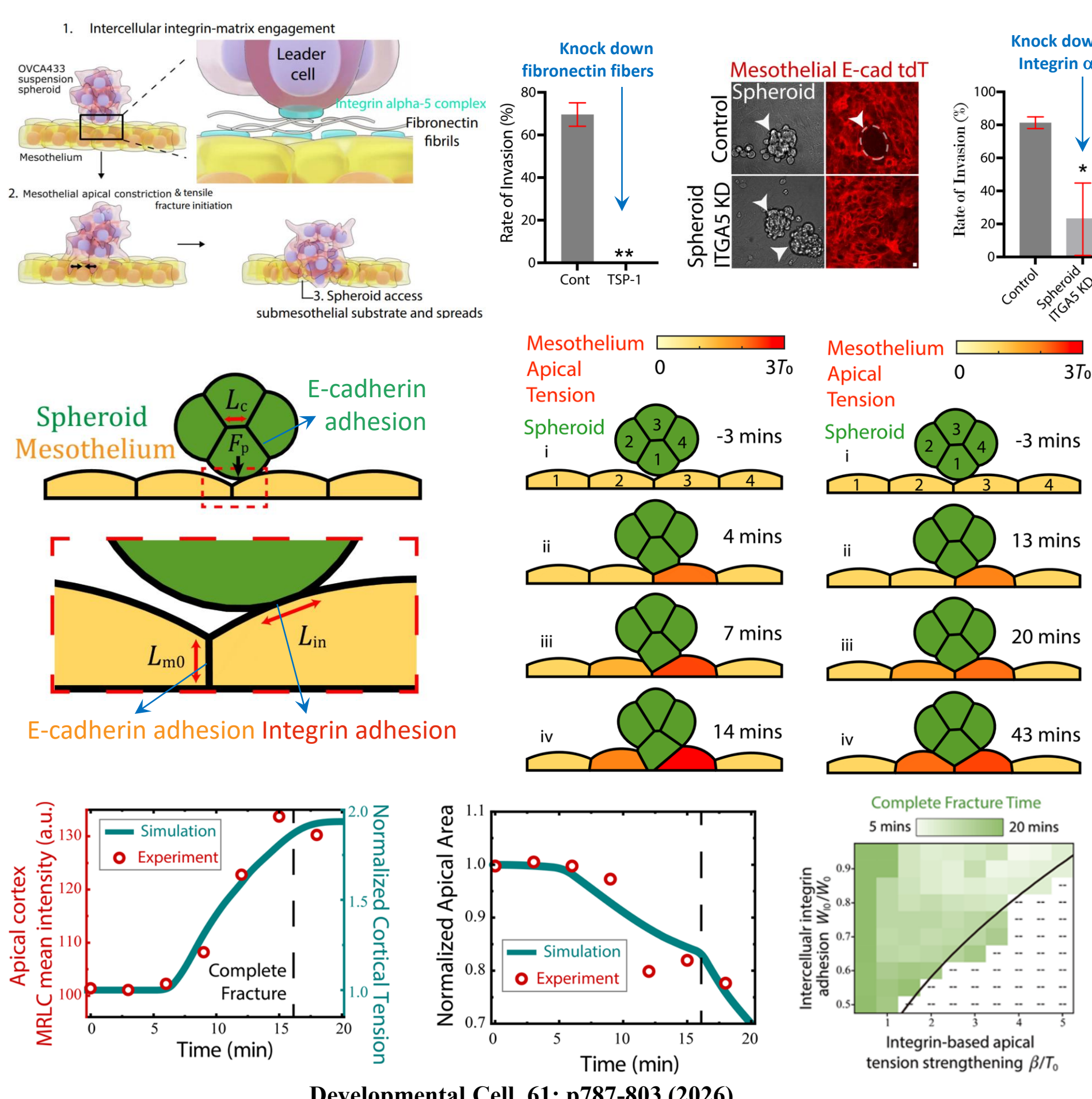
Department of Mechanical Engineering

Embryo Development Driven by Cellular Anisotropy and Contractility



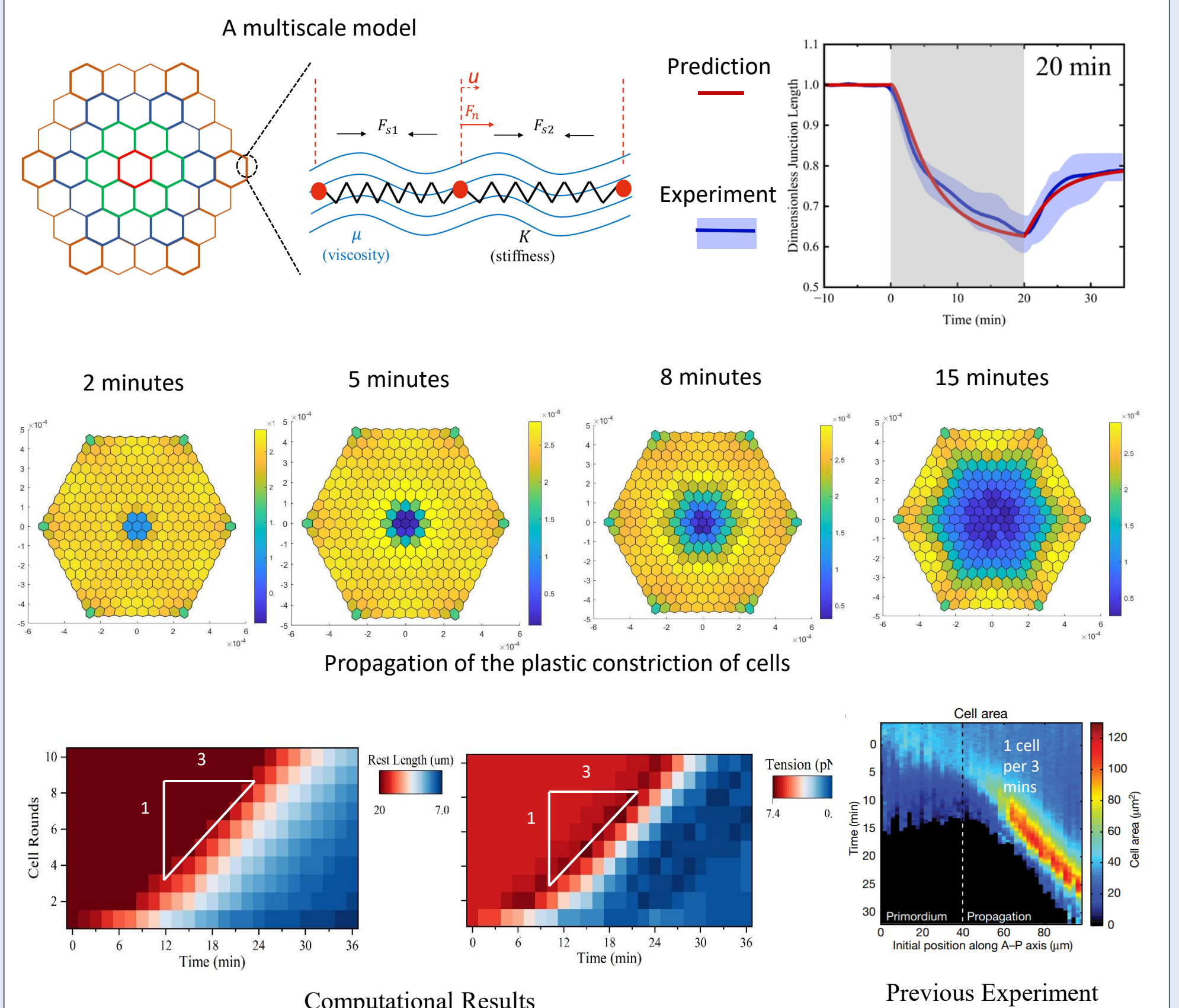
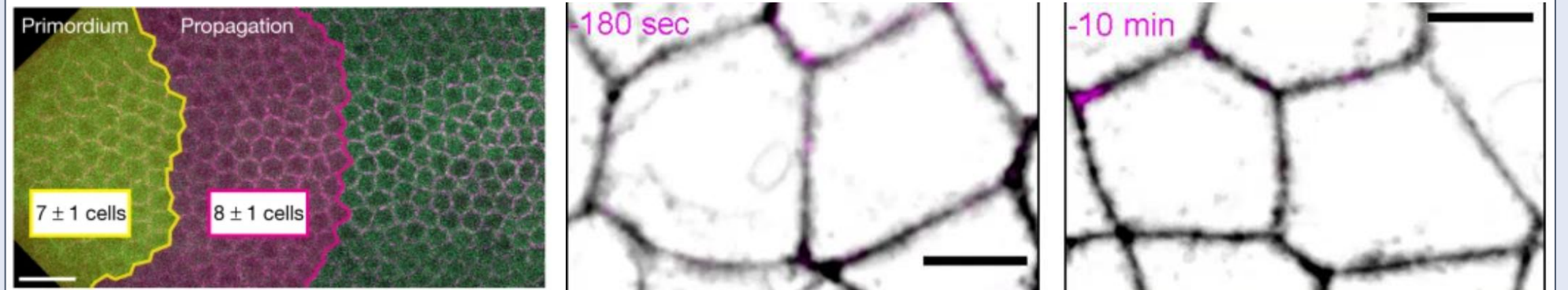
Science Advances. 7: eabg3264 (2021)

Tumor Invasion



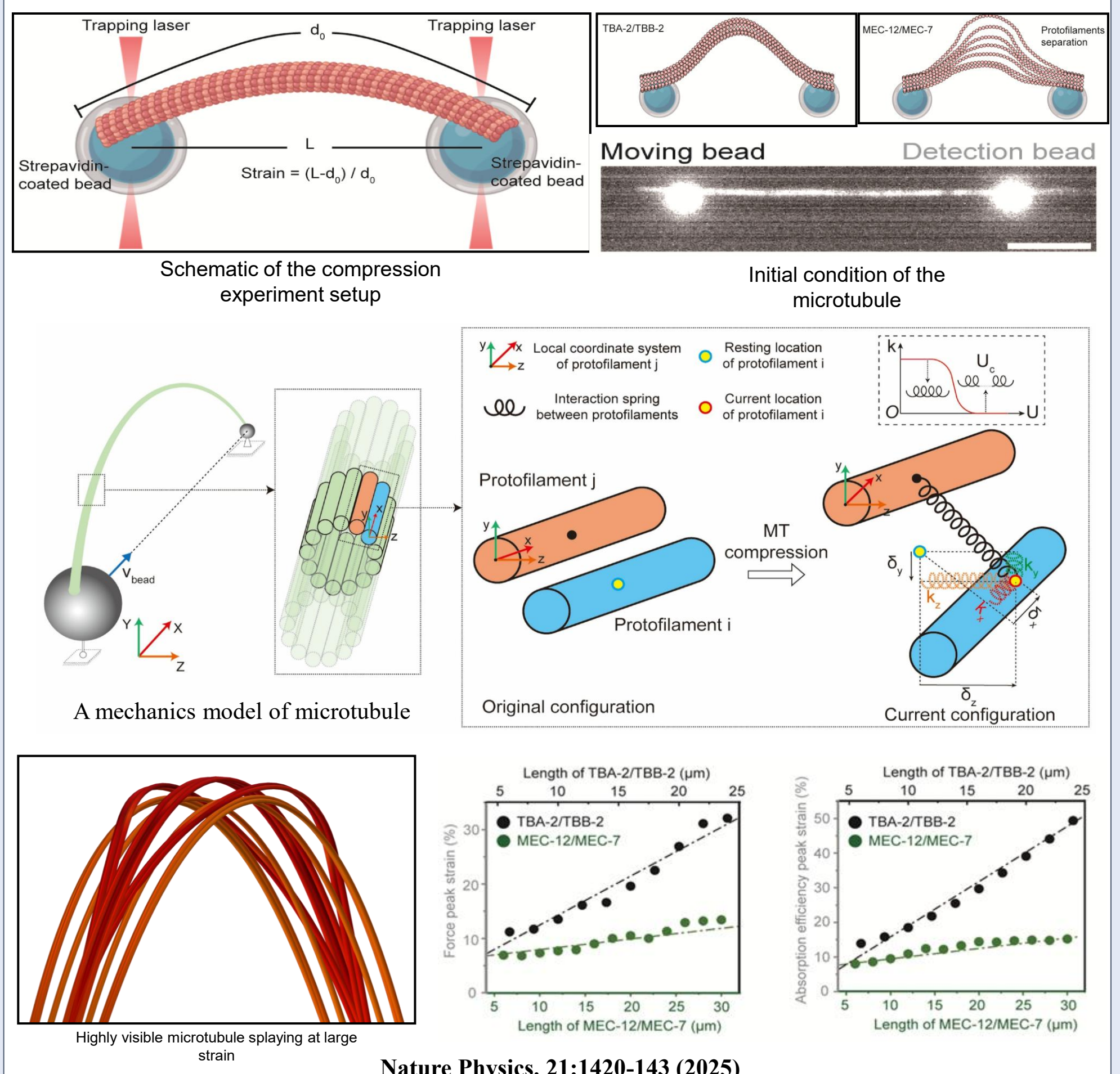
Developmental Cell. 61: p787-803 (2026)

Tissue Morphogenesis Regulated by the Development and Propagation of Cell Plasticity



PNAS. 120: e2305375120 (2023)

Mechanosensitive Microtubules



Nature Physics. 21:1420-143 (2025)