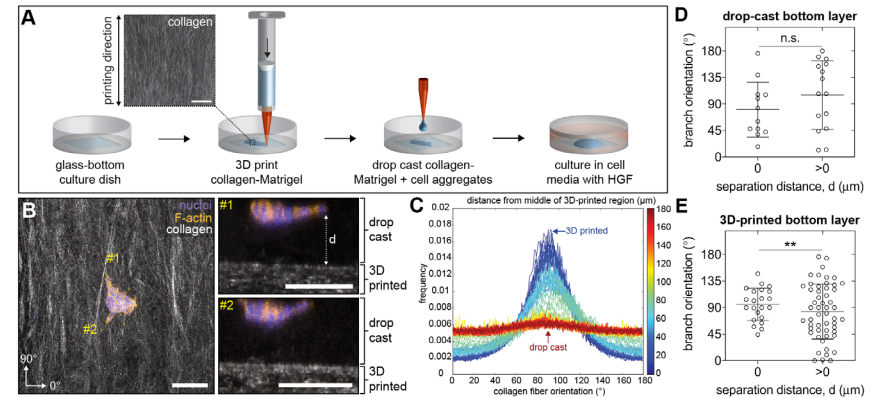
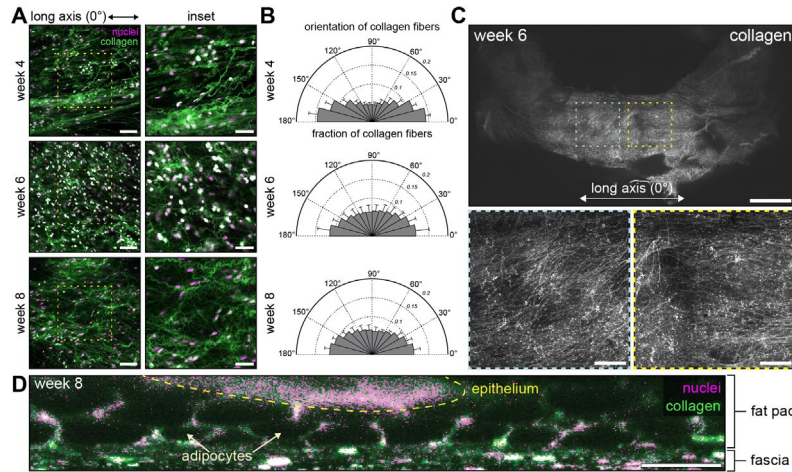


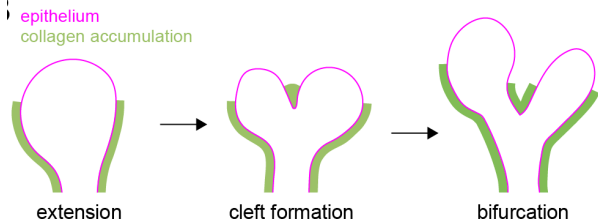
Materials Research Science and Engineering Centers

Disproving paradigms: the rules of morphogenesis (“Rules of Life”)

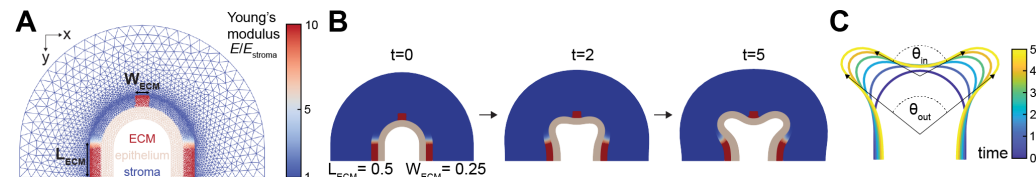
1. Aligned collagen fibers surround the mammary gland
2. 3D-printing aligned collagen reveals that this scaffold does not direct mammary gland branching



3. Collagen accumulates at future cleft sites



4. Computational model reveals local collagen deposition controls branch angle



B. A. Neger, J. M. Jaslove, H. E. Elashal, S. Mao, **A. Kosmrlj**, A. J. Link, and **C. Nelson**, “Local accumulation of extracellular matrix regulates global morphogenetic patterning in the developing mammary gland,” *Curr. Biol.*, 2021)