

69. Organogenesis

1 unit, Mary Baylies, December 10, 2025

Unique features of the skeletal muscle

Formation of the skeletal muscles in mammals and in flies

Maintenance of muscle through adult stem cells

Muscle wasting in disease

Reviews:

Chai, J, Pourquié, O. 2017 Making muscle: skeletal myogenesis in vivo and in vitro
Development 144(12):2104-2122. doi: 10.1242/dev.151035. Review.

Paper for Discussion

Song W, Kir S, Hong S, Hu Y, Wang X, Binari R, Tang HW, Chung V, Banks AS, Spiegelman B, Perrimon N. Tumor-Derived Ligands Trigger Tumor Growth and Host Wasting via Differential MEK Activation. Dev Cell. 2019 Jan 28;48(2):277-286.e6. doi: 10.1016/j.devcel.2018.12.003. Epub 2019 Jan 10. PMID: 30639055; PMCID: PMC6368352.