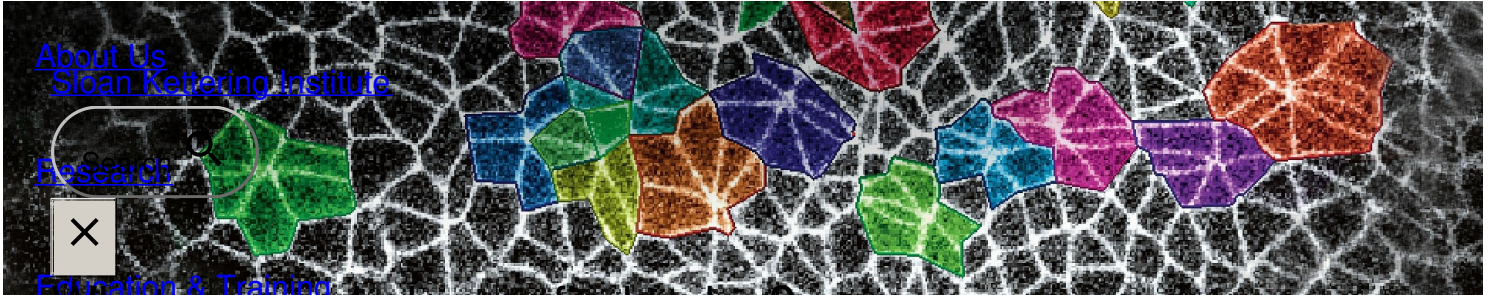


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Jennifer A. Zallen, PhD

Member, Developmental Biology Program, SKI; Investigator, Howard Hughes Medical Institute

Our lab focuses on the generation of tissue structure through the collective action of cell populations.

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Publications Highlights

[Brooks ER, Moorman AR, Bhattacharya B, Prudhomme IS, Land M, Alcorn HL, Sharma R, Pe'er D, Zallen JA. A single-cell atlas of spatial and temporal gene expression in the mouse cranial neural plate. bioRxiv. 2024. Dec 12:2024.08.25.609458 .](#)

[Gredler ML, Zallen JA. Multicellular rosettes link mesenchymal-epithelial transition to radial intercalation in the mouse axial mesoderm. Dev Cell. 2023; 58\(11\):933-50.e5.](#)

[Tamada M, Shi J, Bourdot KS, Supriyatno S, Palmquist KH, Gutierrez-Ruiz OL, Zallen JA. Toll receptors remodel epithelia by directing planar-polarized Src and PI3K activity. Developmental Cell. 2021; S1534-5807\(21\)00321-X.](#)

[Yu HH, Zallen JA. Abl and Cdc42 mediate mechanotransduction at tricellular junctions. Science. 2020; 370\(6520\).](#)

[Brooks ER, Islam MT, Anderson KV, Zallen JA. Sonic hedgehog signaling directs patterned cell remodeling during cranial neural tube closure. Elife. 2020;9:e60234.](#)

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People



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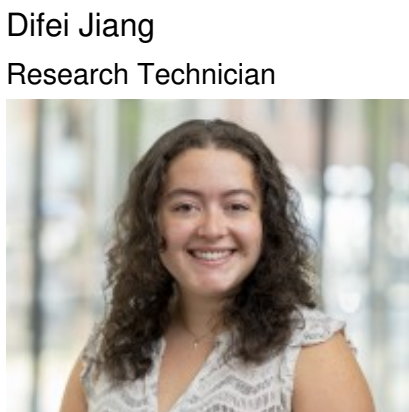


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interests:

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Jennifer A. Zallen discloses the following relationships and financial

No disclosures meeting criteria for time period

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