

Researcher Information Form

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Research Interest (1-2 Sentences):

Current research projects examine the role of FIP200 and autophagy in breast cancer. General interest in intra-tumoral heterogeneity (non genetic, cell states, cancer stem cells).

Unique Resources/Techniques: single-cell RNA-sequencing of mammary tumors
Mouse models of breast cancer: MMTV-PyMT, MMTV-Neu, MMTV-Wnt1, BRCA1 f/f; p53 f/f; K14-Cre

Representative Publications (5 Maximum, May use Hyperlink):

Okamoto T, Yeo SK, Hao M, Copley R, Haas M, Chen S, Guan JL. FIP200 suppresses immune checkpoint therapy responses in breast cancers by limiting AZI2/TBK1/IRF signaling independent of its canonical autophagy function. Manuscript in press: *Cancer Research*

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3316799

<https://breast-cancer-research.biomedcentral.com/articles/10.1186/s13058-020-01298-3>

<https://www.tandfonline.com/doi/full/10.1080/15548627.2018.1460010>

<https://cancerres.aacrjournals.org/content/76/11/3397.short>