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16 Research Articles

679 Citations

## Research Interests

Cancer Neurobiology  
Cell-Cell Communication

Genetic Engineering  
Synthetic Biology

Cancer  
Molecular Biology

Cell Biology

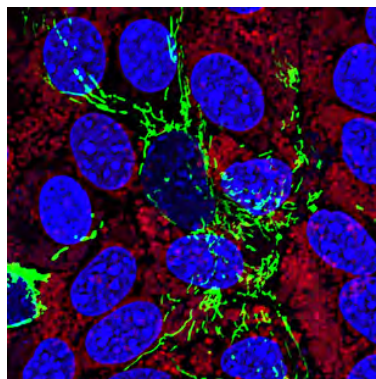
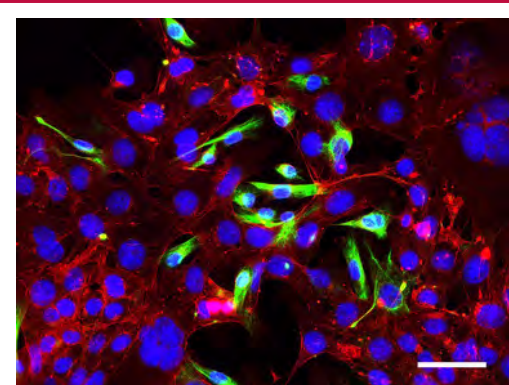
## Experimental Capabilities

Cancer Cultures  
Communication Imaging

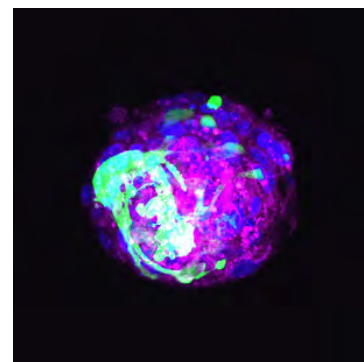
Stem Cells Culture  
Synthetic Organelles

Organoids  
Mixed Cell Psehoods

Lineage Tracing of  
Mitochondria Transfer



Neurons having genetically labeled mitochondria (green) spread through cancer cells culture (red) - Blue are nuclei



Three-Dimensional nerve cancer coculture where the neurons are labeled in green and the cancer cells are in magenta. Nuclei are stained in blue.

Picture showing the cancer cell plasticity where cells dynamically convert from epithelial (red) to mesenchymal phenotype (green)

2019

### Journal of Cancer Metastasis and Treatment

"hnRNP E1 at the Crossroads of Transitional Regulation of Epithelial-mesenchymal Transition"

2022

### Live Science Alliance

"TGFβ-induced Expression of Long Noncoding LincRNA Platr18 Controls Breast Cancer Axonogenesis"

2017

### Nature Cell Biology

"A Regulated PNUTS mRNA to lncRNA Splice Switch Mediates EMT and Tumor Progression"

2023

### Cancers 15

"A CRISPR/Cas9-Based Assay for High-Throughput Studies of Cancer-induced Innervation"



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