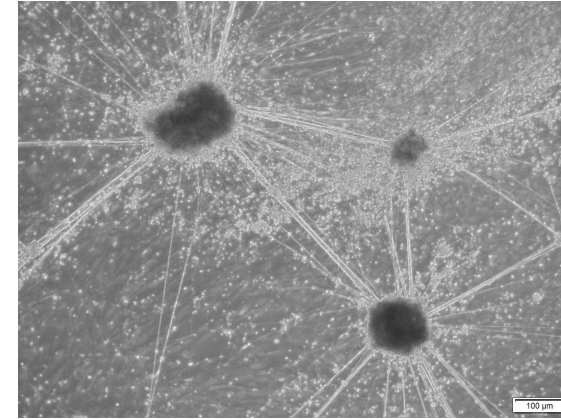
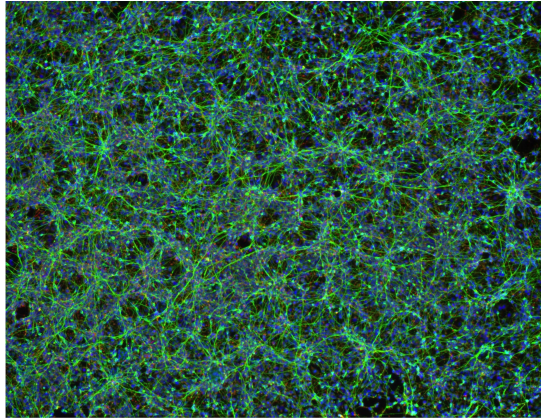
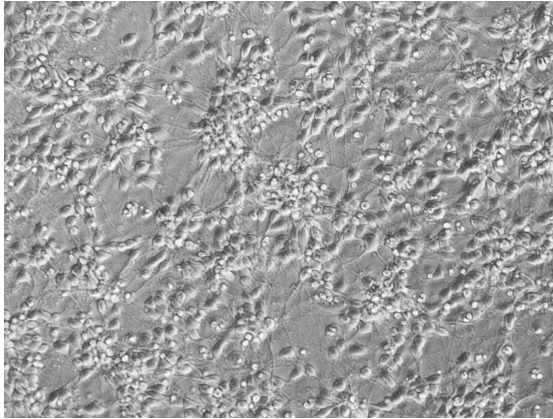


Pluripotent Stem Cells, the Peripheral Nervous system And adrenal gland



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Zeltner lab

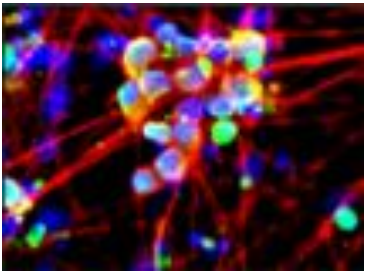
Disease modeling

Cellular phenotypes

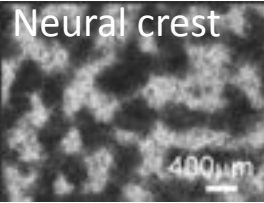
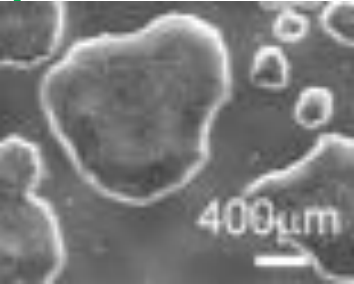
Molecular disease mechanisms

Drug discovery

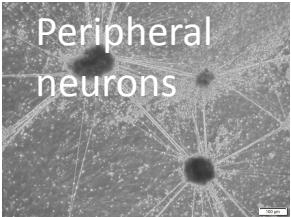
neurons



hPSCs



Neural crest



Peripheral neurons

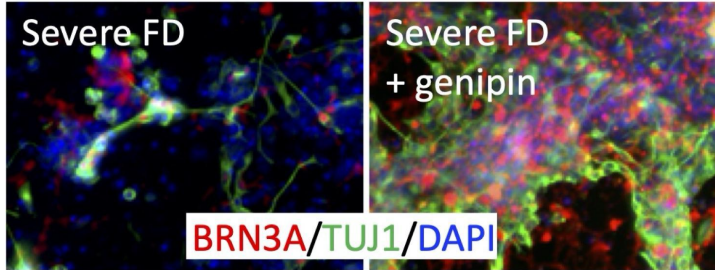


Adrenal gland organoid

Generation of specific cell types

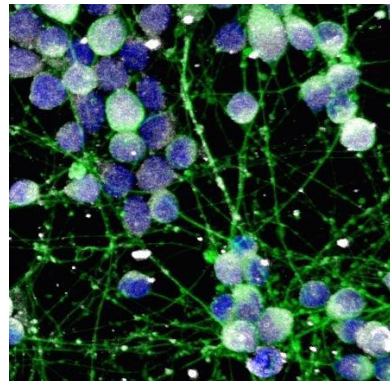
Ongoing lab projects

- Understanding the mechanism of severe Familial Dysautonomia (FD):

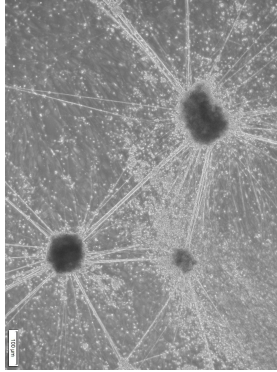


- Drug discovery for Familial Dysautonomia (FD):

- Investigating hyperactivity in sympathetic neurons in Familial Dysautonomia (FD):

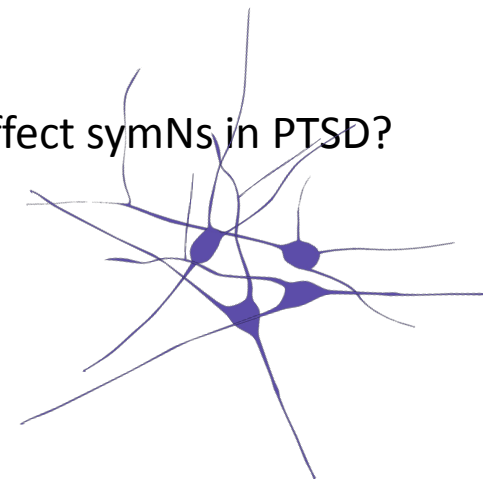


- Differentiation of Specific cell types from hPSCs:
 - Neural crest
 - Sensory neurons
 - Sympathetic neurons
 - Prefrontal cortex neurons



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- How does stress affect symNs in PTSD?



- Generation of an organoid of the adrenal gland

