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Ph.D. Student in Cancer Biology, admitted Autumn 2016

Publications

PUBLICATIONS

- **BDNF-TRKB SIGNALING REGULATES NEURON-GLIOMA SYNAPTOGENESIS AND PROMOTES TUMOR PROGRESSION**
Taylor, K., Zhang, H., Hui, A., Gillespie, S., Monje, M.
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- **How Support of Early Career Researchers Can Reset Science in the Post-COVID19 World.** *Cell*
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- **The Neural Regulation of Cancer** *ANNUAL REVIEW OF CANCER BIOLOGY, VOL 4*
Gillespie, S., Monje, M., Jacks, T., Sawyers, C. L.
2020; 4: 371–90
- **ELECTRICAL CIRCUIT INTEGRATION OF GLIOMA THROUGH NEURON-GLIOMA SYNAPSES AND POTASSIUM CURRENTS**
Venkatesh, H., Morishita, W., Geraghty, A., Silverbush, D., Gillespie, S., Arzt, M., Tam, L., Ponnuswami, A., Ni, L., Woo, P., Taylor, K., Agarwal, A., Regev, et al
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- **MULTI-MODAL PROFILING OF PEDIATRIC HIGH-GRADE GLIOMA SINGLE CELLS USING PATCH-SEQ**
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- **Histone Variant and Cell Context Determine H3K27M Reprogramming of the Enhancer Landscape and Oncogenic State.** *Molecular cell*
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- **ELECTRICAL INTEGRATION OF GLIOMA INTO NEURAL CIRCUITRY**
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- **Therapeutic strategies for diffuse midline glioma from high-throughput combination drug screening.** *Science translational medicine*
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- **ACTIVE CHROMATIN IN H3K27M DIPG REVEALS DISTINCT EPIGENETIC SUBTYPES AND SUBTYPE-SPECIFIC MECHANISMS OF PATHOGENESIS**
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- **DIFFUSE INTRINSIC PONTINE GLIOMA CELLS ARE INTERCONNECTED BY 'TUMOR MICROTUBES'**
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- **An Active Role for Neurons in Glioma Progression: Making Sense of Scherer's Structures.** *Neuro-oncology*
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- **Decoupling genetics, lineages, and microenvironment in IDH-mutant gliomas by single-cell RNA-seq** *SCIENCE*
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- **An integrated encyclopedia of DNA elements in the human genome** *NATURE*
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