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Ph.D. Student in Stem Cell Biology and Regenerative Medicine, admitted Autumn 2014

Bio

EDUCATION AND CERTIFICATIONS

- BS, University of Wisconsin, Madison , Molecular Biology (2012)

Publications

PUBLICATIONS

- **Intra-embryo Gene Cassette Knockin by CRISPR/Cas9-Mediated Genome Editing with Adeno-Associated Viral Vector.** *iScience*
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- **An interspecies barrier to tetraploid complementation and chimera formation** *SCIENTIFIC REPORTS*
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- **Generation of Vascular Endothelial Cells and Hematopoietic Cells by Blastocyst Complementation** *STEM CELL REPORTS*
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- **Mosaicism diminishes the value of pre-implantation embryo biopsies for detecting CRISPR/Cas9 induced mutations in sheep.** *Transgenic research*
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- **Interspecies chimeras** *CURRENT OPINION IN GENETICS & DEVELOPMENT*
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- **iPSC-Derived Organs In Vivo: Challenges and Promise** *CELL STEM CELL*
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- **CRISPR/Cas9 microinjection in oocytes disables pancreas development in sheep** *SCIENTIFIC REPORTS*
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- **Rapid Chromatin Switch in the Direct Reprogramming of Fibroblasts to Neurons** *CELL REPORTS*

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- **Lessons from Interspecies Mammalian Chimeras** *ANNUAL REVIEW OF CELL AND DEVELOPMENTAL BIOLOGY, VOL 33*
Suchy, F., Nakauchi, H., Schekman, R.
2017; 33: 203-17
- **The Oligomeric States of the Purified Sigma-1 Receptor Are Stabilized by Ligands** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Gromek, K. A., Suchy, F. P., Meddaugh, H. R., Wrobel, R. L., Lapointe, L. M., Chu, U. B., Primm, J. G., Ruoho, A. E., Senes, A., Fox, B. G.
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- **Solution Structure of the 2A Protease from a Common Cold Agent, Human Rhinovirus C2, Strain W12** *PLOS ONE*
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- **Improved expression and purification of sigma 1 receptor fused to maltose binding protein by alteration of linker sequence** *PROTEIN EXPRESSION AND PURIFICATION*
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