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- MD Student, expected graduation Spring 2022
- Ph.D. Student in Chemical and Systems Biology, admitted Autumn 2016
- MSTP Student

Publications

PUBLICATIONS

- **Small RNAs are modified with N-glycans and displayed on the surface of living cells.** *Cell*
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- **Genome-wide CRISPR screens reveal a specific ligand for the glycan-binding immune checkpoint receptor Siglec-7.** *Proceedings of the National Academy of Sciences of the United States of America*
Wisnovsky, S., Mockl, L., Malaker, S. A., Pedram, K., Hess, G. T., Riley, N. M., Gray, M. A., Smith, B. A., Bassik, M. C., Moerner, W. E., Bertozzi, C. R.
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- **The clinical impact of glycobiology: targeting selectins, Siglecs and mammalian glycans.** *Nature reviews. Drug discovery*
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2021
- **GD2 is a macrophage checkpoint molecule and combined GD2/CD47 blockade results in synergistic effects and tumor clearance in xenograft models of neuroblastoma and osteosarcoma**
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- **CRISPR-Cas9 screens identify regulators of antibody-drug conjugate toxicity.** *Nature chemical biology*
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- **CD22 blockade restores homeostatic microglial phagocytosis in ageing brains** *NATURE*
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- **Therapeutic activity of multiple common γ -chain cytokine inhibition in acute and chronic GVHD.** *Blood*
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- **MicroRNA-155-deficient dendritic cells cause less severe GVHD through reduced migration and defective inflammasome activation.** *Blood*
Chen, S. n., Smith, B. A., Iype, J. n., Prestipino, A. n., Pfeifer, D. n., Grundmann, S. n., Schmitt-Graeff, A. n., Idzko, M. n., Beck, Y. n., Prinz, G. n., Finke, J. n., Duyster, J. n., Zeiser, et al
2015; 126 (1): 103-12
- **Impact of mammalian target of rapamycin inhibition on lymphoid homing and tolerogenic function of nanoparticle-labeled dendritic cells following allogeneic hematopoietic cell transplantation** *JOURNAL OF IMMUNOLOGY*
Reichardt, W., Duerr, C., von Elverfeldt, D., Juettner, E., Gerlach, U. V., Yamada, M., Smith, B., Negrin, R. S., Zeiser, R.
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