

## Aaron Trotman-Grant

Ph.D. Student in Immunology, admitted Summer 2019

### Publications

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#### PUBLICATIONS

- **Tuning MPL signaling to influence hematopoietic stem cell differentiation and inhibit essential thrombocythemia progenitors** *Proceedings of the National Academy of Sciences*  
Wernig, G.  
2021; 118 (2) (Jan 2021)
- **The heme-regulated inhibitor is a cytosolic sensor of protein misfolding that controls innate immune signaling** *SCIENCE*  
Abdel-Nour, M., Carneiro, L. M., Downey, J., Tsalikis, J., Outlioua, A., Prescott, D., Da Costa, L., Hovingh, E. S., Farahvash, A., Gaudet, R. G., Molinaro, R., van Dalen, R., Lau, et al  
2019; 365 (6448): 47-+
- **Shiga Toxin/Lipopolysaccharide Activates Caspase-4 and Gasdermin D to Trigger Mitochondrial Reactive Oxygen Species Upstream of the NLRP3 Inflammasome** *CELL REPORTS*  
Platnich, J. M., Chung, H., Lau, A., Sandall, C. F., Bondzi-Simpson, A., Chen, H., Komada, T., Trotman-Grant, A. C., Brandelli, J. R., Chun, J., Beck, P. L., Philpott, D. J., Girardin, et al  
2018; 25 (6): 1525–U20
- **Tracing the origins of relapse in acute myeloid leukaemia to stem cells** *NATURE*  
Shlush, L. I., Mitchell, A., Heisler, L., Abelson, S., Ng, S. K., Trotman-Grant, A., Medeiros, J. F., Rao-Bhatia, A., Jaciw-Zurakowsky, I., Marke, R., McLeod, J. L., Doedens, M., Bader, et al  
2017; 547 (7661): 104-+
- **Ectopic miR-125a Expression Induces Long-Term Repopulating Stem Cell Capacity in Mouse and Human Hematopoietic Progenitors** *CELL STEM CELL*  
Wojtowicz, E. E., Lechman, E. R., Hermans, K. G., Schoof, E. M., Wienholds, E., Isserlin, R., van Veelen, P. A., Broekhuis, M. C., Janssen, G. C., Trotman-Grant, A., Dobson, S. M., Krivdova, G., Elzinga, et al  
2016; 19 (3): 383–96
- **miR-126 Regulates Distinct Self-Renewal Outcomes in Normal and Malignant Hematopoietic Stem Cells (vol 29, pg 214, 2016)** *CANCER CELL*  
Lechman, E. R., Gentner, B., Ng, S. K., Schoof, E. M., van Galen, P., Kennedy, J. A., Nucera, S., Ciceri, F., Kaufmann, K. B., Takayama, N., Dobson, S. M., Trotman-Grant, A., Krivdova, et al  
2016; 29 (4): 602–6
- **Stat3 is a positive regulator of gap junctional intercellular communication in cultured, human lung carcinoma cells** *BMC CANCER*  
Geletu, M., Arulanandam, R., Greer, S., Trotman-Grant, A., Tomai, E., Raptis, L.  
2012; 12: 605
- **Mind the gap; regulation of gap junctional, intercellular communication by the SRC oncogene product and its effectors.** *Anticancer research*  
Geletu, M., Trotman-Grant, A., Raptis, L.  
2012; 32 (10): 4245-50