

## Kamir J. Hiam-Galvez

Basic Life Research Scientist, Pathology Sponsored Projects

### Publications

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#### PUBLICATIONS

- **Single-cell analysis by mass cytometry reveals metabolic states of early-activated CD8(+) T cells during the primary immune response** *IMMUNITY*  
Levine, L. S., Hiam-Galvez, K. J., Marquez, D. M., Tenvooren, I., Madden, M. Z., Contreras, D. C., Dahunsi, D. O., Irish, J. M., Oluwole, O. O., Rathmell, J. C., Spitzer, M. H.  
2021; 54 (4): 829-+
- **Systemic immunity in cancer** *NATURE REVIEWS CANCER*  
Hiam-Galvez, K. J., Allen, B. M., Spitzer, M. H.  
2021; 21 (6): 345-359
- **Systemic dysfunction and plasticity of the immune macroenvironment in cancer models** *NATURE MEDICINE*  
Allen, B. M., Hiam, K. J., Burnett, C. E., Venida, A., DeBarge, R., Tenvooren, I., Marquez, D. M., Cho, N., Carmi, Y., Spitzer, M. H.  
2020; 26 (7): 1125-+
- **Divergent clonal differentiation trajectories of T cell exhaustion.** *Nature immunology*  
Daniel, B., Yost, K. E., Hsiung, S., Sandor, K., Xia, Y., Qi, Y., Hiam-Galvez, K. J., Black, M., J Raposo, C., Shi, Q., Meier, S. L., Belk, J. A., Giles, et al  
2022
- **MARCH1 Controls an Exhaustion-like Program of Effector CD4+ T Cells Promoting Allergic Airway Inflammation.** *ImmunoHorizons*  
Castellanos, C. A., Hiam-Galvez, K. J., Ishido, S., Satpathy, A. T., Shin, J.  
2022; 6 (9): 684-692
- **BCL6-dependent TCF-1+ progenitor cells maintain effector and helper CD4+ T cell responses to persistent antigen.** *Immunity*  
Xia, Y., Sandor, K., Pai, J. A., Daniel, B., Raju, S., Wu, R., Hsiung, S., Qi, Y., Yangdon, T., Okamoto, M., Chou, C., Hiam-Galvez, K. J., Schreiber, et al  
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- **BCL6-dependent TCF-1+progenitor cells maintain effector and helper CD4 T cell responses to persistent antigen**  
Xia, Y., Sandor, K., Pai, J. A., Daniel, B., Raju, S., Wu, R., Hsiung, S., Qi, Y., Yangdon, T., Okamoto, M., Schreiber, R. D., Murphy, K. M., Satpathy, et al  
AMER ASSOC IMMUNOLOGISTS.2022
- **The effect of low-dose IL-2 and Treg adoptive cell therapy in patients with 1 diabetes** *JCI INSIGHT*  
Dong, S., Hiam-Galvez, K. J., Mowery, C. T., Herold, K. C., Gitelman, S. E., Esensten, J. H., Liu, W., Lares, A. P., Leinbach, A. S., Lee, M., Nguyen, V., Tamaki, S. J., Tamaki, et al  
2021; 6 (18)
- **Global absence and targeting of protective immune states in severe COVID-19.** *Nature*  
Combes, A. J., Courau, T., Kuhn, N. F., Hu, K. H., Ray, A., Chen, W. S., Chew, N. W., Cleary, S. J., Kushnoor, D., Reeder, G. C., Shen, A., Tsui, J., Hiam-Galvez, et al  
2021; 591 (7848): 124-130
- **Global Absence and Targeting of Protective Immune States in Severe COVID-19.** *bioRxiv : the preprint server for biology*  
Combes, A. J., Courau, T., Kuhn, N. F., Hu, K. H., Ray, A., Chen, W. S., Cleary, S. J., Chew, N. W., Kushnoor, D., Reeder, G. C., Shen, A., Tsui, J., Hiam-Galvez, et al  
2020

- **Human pediatric B-cell acute lymphoblastic leukemias can be classified as B-1 or B-2-like based on a minimal transcriptional signature** *EXPERIMENTAL HEMATOLOGY*  
Fitch, B., Roy, R., Geng, H., Montecino-Rodriguez, E., Bengtsson, H., Gaillard, C., Hiam, K., Casero, D., Olshen, A. B., Dorshkind, K., Kogan, S. C.  
2020; 90: 65-+
- **ImmunoGlobe: enabling systems immunology with a manually curated intercellular immune interaction network.** *BMC bioinformatics*  
Atallah, M. B., Tandon, V., Hiam, K. J., Boyce, H., Hori, M., Atallah, W., Spitzer, M. H., Engleman, E., Mallick, P.  
2020; 21 (1): 346
- **Depletion of microbiome-derived molecules in the host using Clostridium genetics.** *Science (New York, N.Y.)*  
Guo, C., Allen, B. M., Hiam, K. J., Dodd, D., Van Treuren, W., Higginbottom, S., Nagashima, K., Fischer, C. R., Sonnenburg, J. L., Spitzer, M. H., Fischbach, M. A.  
2019; 366 (6471)
- **Identification of Preferred DNA-Binding Sites for the Thermus thermophilus Transcriptional Regulator SbtR by the Combinatorial Approach REPSA.** *PloS one*  
Van Dyke, M. W., Beyer, M. D., Clay, E., Hiam, K. J., McMurry, J. L., Xie, Y.  
2016; 11 (7): e0159408