

Emily Shuldiner

Ph.D. Student in Biology, admitted Autumn 2018

Publications

PUBLICATIONS

- **Enrichment of Rare Variants of Hemophagocytic Lymphohistiocytosis Genes in Systemic Juvenile Idiopathic Arthritis.** *medRxiv : the preprint server for health sciences*
Marques, M. C., Rubin, D., Shuldiner, E., Datta, M., Schmitz, E., Cruz, G. G., Patt, A., Bennett, E., Grom, A., Foell, D., Gattorno, M., Bohnsack, J., Yeung, et al
2024
- **Enrichment of Rare Variants of Hemophagocytic Lymphohistiocytosis Genes in Systemic Juvenile Idiopathic Arthritis**
Marques, M., Rubin, D., Shuldiner, E., Datta, M., Schmitz, E., Grom, A., Foell, D., Gattorno, M., Bohnsack, J., Yeung, R., Prahalad, S., Mellins, E., Lopez, et al
WILEY.2023: 65-67
- **High-Throughput Identification, Modeling, and Analysis of Cancer Driver Genes In Vivo.** *Cold Spring Harbor perspectives in medicine*
Tang, Y. J., Shuldiner, E. G., Karmakar, S., Winslow, M. M.
2023
- **Multiplexed screens identify RAS paralogues HRAS and NRAS as suppressors of KRAS-driven lung cancer growth.** *Nature cell biology*
Tang, R., Shuldiner, E. G., Kelly, M., Murray, C. W., Hebert, J. D., Andrejka, L., Tsai, M. K., Hughes, N. W., Parker, M. I., Cai, H., Li, Y. C., Wahl, G. M., Dunbrack, et al
2023
- **Large-Scale Targeted Sequencing Study Links Systemic Juvenile Idiopathic Arthritis with Rare Variants of MEFV, LYST, STXBP2, UNC13D**
Marques, M., Rubin, D., Shuldiner, E., Schmitz, E., Baskin, E., Patt, A., Grom, A., Foell, D., Gattorno, M., Bohnsack, J., Yeung, R., Prahalad, S., Mellins, et al
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- **Regulatory Haplotype of CXCR4 Is Associated with sJIA and Correlates with Enhanced Neutrophil and CD14+ Monocyte Migration**
Nakano, H., Shuldiner, E., Hinks, A., Sudman, M., Remmers, E., Satorius, C., Schmitz, E., Arthur, V., Woo, P., Grom, A., Foell, D., Bohnsack, J., Gattorno, et al
WILEY.2022: 1714-1716
- **A journey to deconvolute the multifaceted functions and context-dependency of cancer driver genes**
Cai, H., Chew, S., Li, C., Murray, C. W., Andrejka, L., Hebert, J. D., Tsai, M. K., Tang, R., Hughes, N. W., Shuldiner, E. G., Ashkin, E. L., Lee, S. C., Yousefi, et al
AMER ASSOC CANCER RESEARCH.2022
- **Dense Genotyping of Immunologic Loci Identifies CXCR4 as a Novel Susceptibility Locus for Systemic Juvenile Idiopathic Arthritis**
Nakano, H., Shuldiner, E., Schmitz, E., Remmers, E., Ombrello, M., Int Childhood Genetics Consortium, Juvenile Arthritis Immunochip
SPRINGER/PLENUM PUBLISHERS.2022: S15-S16
- **A functional taxonomy of tumor suppression in oncogenic KRAS-driven lung cancer.** *Cancer discovery*
Cai, H. n., Chew, S. K., Li, C. n., Tsai, M. K., Andrejka, L. n., Murray, C. W., Hughes, N. W., Shuldiner, E. G., Ashkin, E. L., Tang, R. n., Hung, K. L., Chen, L. C., Lee, et al
2021
- **IL1RN Variation Influences Both Disease Susceptibility and Response to Recombinant Human Interleukin-1 Receptor Antagonist Therapy in Systemic Juvenile Idiopathic Arthritis** *ARTHRITIS & RHEUMATOLOGY*
Arthur, V. L., Shuldiner, E., Remmers, E. F., Hinks, A., Grom, A. A., Foell, D., Martini, A., Gattorno, M., Ozen, S., Prahalad, S., Zeff, A. S., Bohnsack, J. F., Ilowite, et al
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- **Structural variants in genes associated with human Williams-Beuren syndrome underlie stereotypical hypersociability in domestic dogs.** *Science advances*
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2017; 3 (7): e1700398
- **Genetic architecture distinguishes systemic juvenile idiopathic arthritis from other forms of juvenile idiopathic arthritis: clinical and therapeutic implications** *ANNALS OF THE RHEUMATIC DISEASES*
Ombrello, M. J., Arthur, V. L., Remmers, E. F., Hinks, A., Tachmazidou, I., Grom, A. A., Foell, D., Martini, A., Gattorno, M., Ozen, S., Prahalad, S., Zeff, A. S., Bohnsack, et al
2017; 76 (5)