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Publications

PUBLICATIONS

- **A consensus immune dysregulation framework for sepsis and critical illnesses.** *Nature medicine*
Moore, A. R., Zheng, H., Ganesan, A., Hasin-Brumshtein, Y., Maddali, M. V., Levitt, J. E., van der Poll, T., Lu, J., Bouma, H. R., Scicluna, B. P., Giamarellos-Bourboulis, E. J., Kotsaki, A., Martin-Loeches, et al
2025
- **Normal Treg homeostasis and suppressive function require both FOXP1 and FOXP4.** *JCI insight*
Dong, D., Sindhava, V. J., Ganesan, A., Naradikian, M. S., Stephen, T. L., Frisch, A., Valentine, K. M., Buza, E., Wiehagen, K. R., Cancro, M. P., Morrissey, E. E., Tucker, H., Hoyer, et al
2025
- **Multi-cohort analysis identifies a blood-based immune transcriptomic signature for early lung cancer detection.** *NPJ precision oncology*
Zheng, H., Rao, A. M., Ganesan, A., Soh, H. T., Ponder, B. A., Rintoul, R. C., Khatri, P.
2025; 9 (1): 246
- **A conserved immune dysregulation signature is associated with infection severity, risk factors prior to infection, and treatment response.** *Immunity*
Ganesan, A., Moore, A. R., Zheng, H., Toh, J., Freedman, M., Magis, A. T., Heath, J. R., Khatri, P.
2025
- **MULTI-COHORT ANALYSIS IDENTIFIES CONSENSUS SEPSIS CLUSTERS WITH PROGNOSTIC AND THERAPEUTIC RELEVANCE**
Moore, A., Zheng, H., Ganesan, A., Hasin-Brumshtein, Y., van der Poll, T., Scicluna, B., Giamarellos-Bourboulis, E., Martin-Loeches, I., Rothman, R., Atreya, M., Moldawer, L., Marcela, K., Karvunidis, et al
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- **SEVERE OR MILD TRANSCRIPTOMIC SCORE IS CONSERVED IN INFECTIOUS AND NONINFECTIOUS CRITICAL ILLNESS**
Ganesan, A., Moore, A., Zheng, H., Freedman, M., Rogers, A., Khatri, P.
LIPPINCOTT WILLIAMS & WILKINS.2025
- **Multicohort Analysis of Bronchial Epithelial Cell Expression in Healthy Subjects and Patients with Asthma Reveals Four Clinically Distinct Clusters.** *American journal of respiratory cell and molecular biology*
Lee, I., Ganesan, A., Kalesinskas, L., Zheng, H., Ahn, H. C., Christenson, S., Erzurum, S. C., Zein, J., Bleecker, E. R., Meyers, D. A., Castro, M., Fahy, J. V., Israel, et al
2024
- **Multi-modal analysis reveals tumor and immune features distinguishing EBV-positive and EBV-negative post-transplant lymphoproliferative disorders.** *Cell reports. Medicine*
Toh, J., Reitsma, A. J., Tajima, T., Younes, S. F., Ezeiruaku, C., Jenkins, K. C., Peña, J. K., Zhao, S., Wang, X., Lee, E. Y., Glass, M. C., Kalesinskas, L., Ganesan, et al
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- **International multi-cohort analysis identifies novel framework for quantifying immune dysregulation in critical illness: results of the SUBSPACE consortium.** *bioRxiv : the preprint server for biology*

Moore, A. R., Zheng, H., Ganesan, A., Hasin-Brumshtein, Y., Maddali, M. V., Levitt, J. E., van der Poll, T., Scicluna, B. P., Giamarellos-Bourboulis, E. J., Kotsaki, A., Martin-Loeches, I., Garduno, A., Rothman, et al
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- **Improved Prediction of Stabilizing Mutations in Proteins by Incorporation of Mutational Effects on Ligand Binding.** *Proteins*
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- **Inferring direction of associations between histone modifications using a neural processes-based framework.** *iScience*
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- **Mass-cytometry-based quantitation of global histone post-translational modifications at single-cell resolution across peripheral immune cells in IBD.** *Journal of Crohn's & colitis*
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