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Publications

PUBLICATIONS

- **Impact of age and prior COVID-19 on the response to influenza a components in the 2020-2021 Fluzone vaccine.** *Vaccine*
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- **FcγR binding differentially contributes to protection by two human monoclonal antibodies targeting Plasmodium falciparum circumsporozoite protein.** *Science translational medicine*
Kisalu, N. K., Silva Pereira, L. D., Herman, J. D., Asokan, M., Ernste, K., Merriam, J., Liu, C., DeMouth, M. E., Pegu, A., Lofgren, M., Dillon, M., Bonilla, B., MacVicar, et al
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- **Coupling antigens from multiple subtypes of influenza can broaden antibody and T cell responses.** *Science (New York, N.Y.)*
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2024; 386 (6728): 1389-1395
- **Sialylated IgG induces the transcription factor REST in alveolar macrophages to protect against lung inflammation and severe influenza disease.** *Immunity*
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- **Calibrating T cell help by antigen cross-linking as a universal vaccine platform against rapidly evolving pathogenic viruses**
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2022; 11
- **Heterogeneity in IgG-CD16 signaling in infectious disease outcomes** *IMMUNOLOGICAL REVIEWS*
Gonzalez, J. C., Chakraborty, S., Thulin, N. K., Wang, T. T.
2022
- **TNF-alpha+ CD4+ Tcells dominate the SARS-CoV-2 specific T cell response in COVID-19 outpatients and are associated with durable antibodies.** *Cell reports. Medicine*
van der Ploeg, K., Kiro Singh, A. S., Mori, D. A., Chakraborty, S., Hu, Z., Sievers, B. L., Jacobson, K. B., Bonilla, H., Parsonnet, J., Andrews, J. R., Press, K. D., Ty, M. C., Ruiz-Betancourt, et al
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- **Differential Peripheral Blood Glycoprotein Profiles in Symptomatic and Asymptomatic COVID-19.** *Viruses*
Pickering, C., Zhou, B., Xu, G., Rice, R., Ramachandran, P., Huang, H., Pham, T. D., Schapiro, J. M., Cong, X., Chakraborty, S., Edwards, K., Reddy, S. T., Guirgis, et al
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- **Early immune responses have long-term associations with clinical, virologic, and immunologic outcomes in patients with COVID-19.** *Research square*
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- **Proinflammatory IgG Fc structures in patients with severe COVID-19** *Nature Immunology*
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- **Symptomatic SARS-CoV-2 infections display specific IgG Fc structures.** *medRxiv : the preprint server for health sciences*
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