

Saborni Chakraborty

Basic Life Research Scientist, Institute for Immunity, Transplantation, and Infection Operations

Publications

PUBLICATIONS

- **Early immune markers of clinical, virological, and immunological outcomes in patients with COVID-19: a multi-omics study.** *eLife*
Hu, Z., van der Ploeg, K., Chakraborty, S., Arunachalam, P. S., Mori, D. A., Jacobson, K. B., Bonilla, H., Parsonnet, J., Andrews, J. R., Holubar, M., Subramanian, A., Khosla, C., Maldonado, et al
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- **Heterogeneity in IgG-CD16 signaling in infectious disease outcomes** *IMMUNOLOGICAL REVIEWS*
Gonzalez, J. C., Chakraborty, S., Thulin, N. K., Wang, T. T.
2022
- **TNF- α + CD4+ T cells 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
2022: 100640
- **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 non-neutralizing, afucosylated antibody responses are associated with COVID-19 severity.** *Science translational medicine*
Chakraborty, S., Gonzalez, J. C., Sievers, B. L., Mallajosyula, V., Chakraborty, S., Dubey, M., Ashraf, U., Cheng, B. Y., Kathale, N., Tran, K. Q., Scallan, C., Sinnott, A., Cassidy, et al
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1800: eabn7842
- **Structurally and functionally distinct early antibody responses predict COVID-19 disease trajectory and mRNA vaccine response.** *bioRxiv : the preprint server for biology*
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1800
- **New-onset IgG autoantibodies in hospitalized patients with COVID-19.** *Nature communications*
Chang, S. E., Feng, A., Meng, W., Apostolidis, S. A., Mack, E., Artandi, M., Barman, L., Bennett, K., Chakraborty, S., Chang, I., Cheung, P., Chinthrajah, S., Dhingra, et al
2021; 12 (1): 5417
- **New-Onset IgG Autoantibodies in Hospitalized Patients with COVID-19**
Chang, S., Feng, A., Meng, W., Apostolidis, S., Mack, E., Artandi, M., Barman, L., Bennett, K., Chakraborty, S., Chang, I., Cheung, P., Chinthrajah, S., Dhingra, et al

WILEY.2021: 3202-3205

- **CD8+ T cells specific for conserved coronavirus epitopes correlate with milder disease in COVID-19 patients.** *Science immunology*
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- **Proinflammatory IgG Fc structures in patients with severe COVID-19** *Nature Immunology*
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Chakraborty, S. n., Edwards, K. n., Buzzanco, A. S., Memoli, M. J., Sherwood, R. n., Mallajosyula, V. n., Xie, M. M., Gonzalez, J. n., Buffone, C. n., Kathale, N. n., Providenza, S. n., Jagannathan, P. n., Andrews, et al
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