

## Rohit Verma

Basic Life Research Scientist, Neurosurgery

### Bio

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#### EDUCATION AND CERTIFICATIONS

- Doctor of Philosophy, National Institute of Immunology (2016)
- Master of Science, Postgraduate Institute of Medical Education and Research (PGIMER) Chandigarh , Biochemistry (2010)

### Publications

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#### PUBLICATIONS

- **The CCR6-CCL20 axis promotes regulatory T cell glycolysis and immunosuppression in tumors.** *Cancer immunology research*  
Pant, A., Jain, A., Chen, Y., Patel, K., Saleh, L., Tzeng, S., Nitta, R. T., Zhao, L., Wu, C. Y., Bederson, M., Wang, W. L., Bergsneider, B. H., Choi, et al  
2024
- **CCR2 and CCR5 co-inhibition modulates immunosuppressive myeloid milieu in glioma and synergizes with anti-PD-1 therapy.** *Oncoimmunology*  
Pant, A., Hwa-Lin Bergsneider, B., Srivastava, S., Kim, T., Jain, A., Bom, S., Shah, P., Kannapadi, N., Patel, K., Choi, J., Cho, K. B., Verma, R., Yu-Ju Wu, et al  
2024; 13 (1): 2338965
- **Ablation of Adar1 in myeloid cells imprints a global antiviral state in the lung and heightens early immunity against SARS-CoV-2.** *Cell reports*  
Adamska, J. Z., Verma, R., Gupta, S., Hagan, T., Wimmers, F., Floyd, K., Li, Q., Valore, E. V., Wang, Y., Trisal, M., Vilches-Moure, J. G., Subramaniam, S., Walkley, et al  
2023; 42 (1): 112038
- **A TLR7-nanoparticle adjuvant promotes a broad immune response against heterologous strains of influenza and SARS-CoV-2.** *Nature materials*  
Yin, Q., Luo, W., Mallajosyula, V., Bo, Y., Guo, J., Xie, J., Sun, M., Verma, R., Li, C., Constantz, C. M., Wagar, L. E., Li, J., Sola, et al  
2023
- **SREBP signaling is essential for effective B cell responses.** *Nature immunology*  
Luo, W., Adamska, J. Z., Li, C., Verma, R., Liu, Q., Hagan, T., Wimmers, F., Gupta, S., Feng, Y., Jiang, W., Zhou, J., Valore, E., Wang, et al  
2022
- **Injectable Hydrogels for Sustained Codelivery of Subunit Vaccines Enhance Humoral Immunity.** *ACS central science*  
Roth, G. A., Gale, E. C., Alcántara-Hernández, M. n., Luo, W. n., Axpe, E. n., Verma, R. n., Yin, Q. n., Yu, A. C., Lopez Hernandez, H. n., Maikawa, C. L., Smith, A. A., Davis, M. M., Pulendran, et al  
2020; 6 (10): 1800–1812
- **N6-Methyladenosine Modification Controls Circular RNA Immunity.** *Molecular cell*  
Chen, Y. G., Chen, R., Ahmad, S., Verma, R., Kasturi, S. P., Amaya, L., Broughton, J. P., Kim, J., Cadena, C., Pulendran, B., Hur, S., Chang, H. Y.  
2019
- **Cutting Edge: ACVRL1 Signaling Augments CD8 alpha(+) Dendritic Cell Development** *JOURNAL OF IMMUNOLOGY*  
Verma, R., Jaiswal, H., Chauhan, K. S., Kaushik, M., Tailor, P.  
2016; 197 (4): 1029-1034
- **Batf3 and Id2 Have a Synergistic Effect on Irf8-Directed Classical CD8 alpha(+) Dendritic Cell Development** *JOURNAL OF IMMUNOLOGY*

Jaiswal, H., Kaushik, M., Sougrat, R., Gupta, M., Dey, A., Verma, R., Ozato, K., Taylor, P.  
2013; 191 (12): 5993-6001