

Alexander Ryan Berg

MD Student, expected graduation Spring 2028

Publications

PUBLICATIONS

- **Fertility-preserving myeloablative conditioning using single-dose CD117 antibody-drug conjugate in a rhesus gene therapy model.** *Nature communications*
Uchida, N., Stasula, U., Demirci, S., Germino-Watnick, P., Hinds, M., Le, A., Chu, R., Berg, A., Liu, X., Su, L., Wu, X., Krouse, A. E., Linde, et al
2023; 14 (1): 6291
- **Longitudinal association of epicardial and thoracic adipose tissues with coronary and cardiac characteristics in psoriasis.** *Heliyon*
O'Hagan, R., Hsu, L., Li, H., Hong, C. G., Parel, P. M., Berg, A. R., Manyak, G. A., Bui, V., Patel, N. H., Florida, E. M., Teague, H. L., Playford, M. P., Zhou, et al
2023; 9 (10): e20732
- **The Relationship between Circulating APOA-1 and Atherosclerosis Initiation and Progression in Psoriasis** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
Teague, H. L., Li, H., Berg, A. R., Hong, C., Petrole, R. F., O'Hagan, R., Florida, E. M., Keel, A., Rodante, J., Kapoor, P., Gonzalez-Cantero, A., V. Sorokin, A., Joshi, et al
2023; 143 (10): 1947-+
- **Machine learning demonstrates top predictors of lipid-rich necrotic core modulation over 1 year in psoriasis.** *Vascular medicine (London, England)*
Hong, C. G., Li, H., Parel, P. M., Berg, A. R., Patel, N., Choi, H., Teague, H. L., Munger, E., Buckler, A. J., Sorokin, A. V., Mehta, N. N.
2023; 28 (4): 342-344
- **Comparison of the dietary omega-3 fatty acids impact on murine psoriasis-like skin inflammation and associated lipid dysfunction.** *The Journal of nutritional biochemistry*
Sorokin, A. V., Arnardottir, H., Svirydava, M., Ng, Q., Baumer, Y., Berg, A., Pantoja, C. J., Florida, E. M., Teague, H. L., Yang, Z. H., Dagur, P. K., Powell-Wiley, T. M., Yu, et al
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- **Association of the triglyceride glucose index with insulin resistance and subclinical atherosclerosis in psoriasis: An observational cohort study.** *Journal of the American Academy of Dermatology*
O'Hagan, R., Gonzalez-Cantero, A., Patel, N., Hong, C. G., Berg, A. R., Li, H., Parel, P. M., Kapoor, P., Rodante, J. A., Keel, A., Chen, M. Y., Zhou, W., Playford, et al
2023; 88 (5): 1131-1134
- **Cholesterol efflux capacity is associated with lipoprotein size and vascular health in mild to moderate psoriasis.** *Frontiers in cardiovascular medicine*
Berg, A. R., Petrole, R. F., Li, H., Sorokin, A. V., Gonzalez-Cantero, A., Playford, M. P., Mehta, N. N., Teague, H. L.
2023; 10: 1041457
- **Association of S100A8/A9 with Lipid-Rich Necrotic Core and Treatment with Biologic Therapy in Patients with Psoriasis: Results from an Observational Cohort Study.** *The Journal of investigative dermatology*
Berg, A. R., Hong, C. G., Svirydava, M., Li, H., Parel, P. M., Florida, E., O'Hagan, R., Pantoja, C. J., Lateef, S. S., Anzenberg, P., Harrington, C. L., Ward, G., Zhou, et al
2022; 142 (11): 2909-2919
- **Systemic consequences of abnormal cholesterol handling: Interdependent pathways of inflammation and dyslipidemia.** *Frontiers in immunology*
O'Hagan, R., Berg, A. R., Hong, C. G., Parel, P. M., Mehta, N. N., Teague, H. L.
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- **PET/CT-Based Characterization of 18F-FDG Uptake in Various Tissues Reveals Novel Potential Contributions to Coronary Artery Disease in Psoriatic Arthritis.** *Frontiers in immunology*
Schwartz, D. M., Parel, P., Li, H., Sorokin, A. V., Berg, A. R., Chen, M., Dey, A., Hong, C. G., Playford, M., Sylvester, M., Teague, H., Siegel, E., Mehta, et al

2022; 13: 909760

- **Updates in the Impact of Chronic Systemic Inflammation on Vascular Inflammation by Positron Emission Tomography (PET).** *Current cardiology reports*
Parel, P. M., Berg, A. R., Hong, C. G., Florida, E. M., O'Hagan, R., Sorokin, A. V., Mehta, N. N.
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