



Emily Nicole Moya

MD Student with Scholarly Concentration in Clinical Research / Surgery,
expected graduation Spring 2027

Publications

PUBLICATIONS

- **A study of RNA splicing and protein expression in the living human brain** *PLOS ONE*
Kopell, B. H., Kaji, D. A., Liharska, L. E., Vornholt, E., Lund, A., Hashemi, A., Thompson, R. C., Johnson, J. S., Bussola, N., Cheng, E., Park, Y., Shah, P., Ma, et al
2025; 20 (10): e0332651
- **Effect of Postoperative Nonsteroidal Anti-Inflammatory Drug Use on Surgical Outcomes in Multi- and Single-Level Posterior Cervical Fusions.** *Spine surgery and related research*
D Gonzalez-Suarez, A., Green, A., José Cavagnaro, M., Moya, E., Zygourakis, C., M Desai, A.
2025; 9 (5): 498-508
- **From conference to career: Tracing medical pathways of Stanford university's minority medical alliance (SUMMA) premedical conference alumni.** *Journal of the National Medical Association*
Gonzalez-Suarez, A. D., Moya, E., Perez, F. D., Gutierrez, M., Thomas, R. P.
2025
- **Association Between Nonsteroidal Anti-inflammatory Drugs Use and Surgical Outcomes Following Posterior Lumbar Fusion: A Medical Claims Database Analysis.** *International journal of spine surgery*
Gonzalez-Suarez, A. D., Green, A., Cavagnaro, M. J., Moya, E., Zygourakis, C., Desai, A. M.
2025
- **Advancing sustainability in healthcare: A scoping review of global recycling practices in operating rooms.** *American journal of surgery*
Moya, E., Bryant, S. A., Horneck, N., Taylor, V., Alayleh, A., Alawa, J., Pintea, S. D., Lin, C., Bellaire, L. L., Saleh, J., Shea, K.
2024; 241: 116178
- **Establishing the Molecular Foundation of Brain Anatomy in Living Individuals**
Lund, A., Liharska, L., Vornholt, E., Thompson, R., Luo, Y., Cheng, E., Park, Y., Fennessy, B., Wilkins, L., Kaji, D., Silk, H., Ziafat, K., Hashemi, et al
SPRINGER NATURE.2024: 1513-1514
- **Establishing the Molecular Foundation of Brain Anatomy in Living Individuals**
Lund, A., Liharska, L., Vornholt, E., Thompson, R., Luo, Y., Cheng, E., Park, Y., Fennessy, B., Wilkins, L., Kaji, D., Silk, H., Ziafat, K., Hashemi, et al
SPRINGER NATURE.2024: 1513-1514
- **Divergent landscapes of A-to-I editing in postmortem and living human brain (vol 15, 5366, 2024)** *NATURE COMMUNICATIONS*
Rodriguez de los Santos, M., Kopell, B. H., Buxbaum Grice, A., Ganesh, G., Yang, A., Amini, P., Liharska, L. E., Vornholt, E., Fullard, J. F., Dong, P., Park, E., Zipkowitz, S., Kaji, et al
2024; 15 (1)
- **The impact of mental health on major complications following total shoulder arthroplasty** *Seminars in Arthroplasty: JSES*
Ling, K., Moya, E. N., Tesoriero, J., Martino, R., Komatsu, D. E., Wang, E. D.
2024; 34 (4): 924-927

- **Schizophrenia risk conferred by rare protein-truncating variants is conserved across diverse human populations.** *Nature genetics*
Liu, D., Meyer, D., Fennessy, B., Feng, C., Cheng, E., Johnson, J. S., Park, Y. J., Rieder, M., Ascolillo, S., de Pins, A., Dobbyn, A., Lebovitch, D., Moya, et al
2023; 55 (3): 369-376
- **Molecular states during acute COVID-19 reveal distinct etiologies of long-term sequelae** *NATURE MEDICINE*
Thompson, R. C., Simons, N. W., Wilkins, L., Cheng, E., Del Valle, D., Hoffman, G. E., Cervia, C., Fennessy, B., Mouskas, K., Francoeur, N. J., Johnson, J. S., Lepow, L., Le Berichel, et al
2022: 236-246
- **The dynamic changes and sex differences of 147 immune-related proteins during acute COVID-19 in 580 individuals** *CLINICAL PROTEOMICS*
Butler-Laporte, G., Gonzalez-Kozlova, E., Su, C., Zhou, S., Nakanishi, T., Brunet-Ratnasingham, E., Morrison, D., Laurent, L., Afilalo, J., Afilalo, M., Henry, D., Chen, Y., Carrasco-Zanini, et al
2022; 19 (1): 34
- **Downregulation of exhausted cytotoxic T cells in gene expression networks of multisystem inflammatory syndrome in children** *NATURE COMMUNICATIONS*
Beckmann, N. D., Comella, P. H., Cheng, E., Lepow, L., Beckmann, A. G., Tyler, S. R., Mouskas, K., Simons, N. W., Hoffman, G. E., Francoeur, N. J., Del Valle, D., Kang, G., Do, et al
2021; 12 (1): 4854
- **Unexpected words or unexpected languages? Two ERP effects of code-switching in naturalistic discourse** *COGNITION*
Yacovone, A., Moya, E., Snedeker, J.
2021; 215: 104814
- **Sampling the host response to SARS-CoV-2 in hospitals under siege** *NATURE MEDICINE*
Charney, A. W., Simons, N. W., Mouskas, K., Lepow, L., Cheng, E., Le Berichel, J., Chang, C., Marvin, R., Del Valle, D., Calorossi, S., Lansky, A., Walker, L., Patel, et al
2020; 26 (8): 1157-1158