Stanford

Adonis Alexandre Rubio

Postdoctoral Scholar, Biology

Bio

HONORS AND AWARDS

- HHMI Gilliam Fellow, Howard Hughes Medical Institute (HHMI) (2024-Present)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , IMMUN-PHD (2026)
- Bachelor of Science, Stanford University , BIO-BSH (2021)
- Bachelor of Science, Stanford University , ETHSO-MIN (2021)
- B.S., Stanford University , Biology, Microbes & Immunity (2021)

STANFORD ADVISORS

- Christopher Barnes, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Oriented Multivalent Display Drives Consistent Serum Immunodominance to the Ebola Virus Glycoprotein (vol 12, pg 100, 2026)** *ACS CENTRAL SCIENCE*
  Zheng, C., Rubio, A. A., Vasquez, S., Pham, D., Pan, Z., Barnes, C. O., Kim, P. S.
  2026
- **Bispecific antibodies targeting the N-terminal and receptor binding domains potently neutralize SARS-CoV-2 variants of concern.** *Science translational medicine*
  Rubio, A. A., Baharani, V. A., Dadonaite, B., Parada, M., Abernathy, M. E., Wang, Z., Lee, Y. E., Eso, M. R., Phung, J., Ramos, I., Chen, T., El Nesr, G., Bloom, et al
  2025; 17 (788): eadq5720
- **A derivative of the D5 monoclonal antibody that targets the gp41 N-heptad repeat of HIV-1 with broad tier-2 neutralizing activity.** *Journal of virology*
  Rubio, A. A., Filsinger Interrante, M. V., Bell, B. N., Brown, C. L., Bruun, T. U., LaBranche, C. C., Montefiori, D. C., Kim, P. S.
  2021
- **The high-affinity immunoglobulin receptor FcgammaRI potentiates HIV-1 neutralization via antibodies against the gp41 N-heptad repeat.** *Proceedings of the National Academy of Sciences of the United States of America*
  Montefiori, D. C., Filsinger Interrante, M. V., Bell, B. N., Rubio, A. A., Joyce, J. G., Shiver, J. W., LaBranche, C. C., Kim, P. S.
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