

## Antonio Santos

Basic Life Research Scientist, Medicine - Med/Hematology

### Publications

---

#### PUBLICATIONS

- **FZD5 controls intestinal crypt homeostasis and colonic Wnt surrogate agonist response.** *Developmental cell*  
Mu, Q., Ha, A., Santos, A. J., Lo, Y. H., van Unen, V., Miao, Y., Tomaske, M., Guzman, V. K., Alwahabi, S., Yuan, J. J., Deng, L., Li, L., Garcia, et al  
2024
- **A human autoimmune organoid model reveals IL-7 function in coeliac disease.** *Nature*  
Santos, A. J., van Unen, V., Lin, Z., Chirieleison, S. M., Ha, N., Batish, A., Chan, J. E., Cedano, J., Zhang, E. T., Mu, Q., Guh-Siesel, A., Tomaske, M., Colburg, et al  
2024
- **Organoid modeling of lung-resident immune responses to SARS-CoV-2 infection.** *Research square*  
Choi, S. S., van Unen, V., Zhang, H., Rustagi, A., Alwahabi, S. A., Santos, A. J., Chan, J. E., Lam, B., Solis, D., Mah, J., Röltgen, K., Trope, W., Guh-Siesel, et al  
2023
- **Progenitor identification and SARS-CoV-2 infection in human distal lung organoids.** *Nature*  
Salahudeen, A. A., Choi, S. S., Rustagi, A., Zhu, J., van Unen, V., de la O, S. M., Flynn, R. A., Margalef-Catala, M., Santos, A. J., Ju, J., Batish, A., Usui, T., Zheng, et al  
2020
- **Next-Generation Surrogate Wnts Support Organoid Growth and Deconvolute Frizzled Pleiotropy In Vivo.** *Cell stem cell*  
Miao, Y. n., Ha, A. n., de Lau, W. n., Yuki, K. n., Santos, A. J., You, C. n., Geurts, M. H., Puschhof, J. n., Pleguezuelos-Manzano, C. n., Peng, W. C., Senlice, R. n., Piani, C. n., Buikema, et al  
2020
- **The Intestinal Stem Cell Niche: Homeostasis and Adaptations** *TRENDS IN CELL BIOLOGY*  
Santos, A. J. M., Lo, Y., Mah, A. T., Kuo, C. J.  
2018; 28 (12): 1062–78
- **The Intestinal Stem Cell Niche: Homeostasis and Adaptations.** *Trends in cell biology*  
Santos, A. J., Lo, Y., Mah, A. T., Kuo, C. J.  
2018
- **TANGO1 builds a machine for collagen export by recruiting and spatially organizing COPII, tethers and membranes** *ELIFE*  
Raote, I., Ortega-Bellido, M., Santos, A. J. M., Foresti, O., Zhang, C., Garcia-Parajo, M. F., Campelo, F., Malhotra, V.  
2018; 7