

## Santiago Enrique Sanchez

- MD Student, expected graduation Spring 2026
- Ph.D. Student in Cancer Biology, admitted Autumn 2021
- MSTP Student

### Publications

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#### PUBLICATIONS

- **Digital telomere measurement by long-read sequencing distinguishes healthy aging from disease.** *Nature communications*  
Sanchez, S. E., Gu, Y., Wang, Y., Golla, A., Martin, A., Shomali, W., Hockemeyer, D., Savage, S. A., Artandi, S. E.  
2024; 15 (1): 5148
- **Digital telomere measurement by long-read sequencing distinguishes healthy aging from disease.** *bioRxiv : the preprint server for biology*  
Sanchez, S. E., Gu, J., Golla, A., Martin, A., Shomali, W., Hockemeyer, D., Savage, S. A., Artandi, S. E.  
2023
- **Alpha synuclein only forms fibrils in vitro when larger than its critical size of 70 monomers.** *ChemBiochem : a European journal of chemical biology*  
Klenerman, D., Sanchez, S. E., Whiten, D. R., Meisl, G., Ruggeri, F. S., Hidari, E.  
2021
- **Cigarette smoke-induced changes in the murine vocal folds: a Raman spectroscopic observation.** *The Analyst*  
Erickson-DiRenzo, E., Singh, S. P., Martinez, J. D., Sanchez, S. E., Easwaran, M., Valdez, T. A.  
2020
- **Nanosopic Characterisation of Individual Endogenous Protein Aggregates in Human Neuronal Cells** *CHEMBIOCHEM*  
Whiten, D. R., Zuo, Y., Calo, L., Choi, M., De, S., Flagmeier, P., Wirthensohn, D. C., Kundel, F., Ranasinghe, R. T., Sanchez, S. E., Athauda, D., Lee, S. F., Dobson, et al  
2018; 19 (19): 2033-2038