

# Stanford

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## Alexander X. Lozano

Ph.D. Student in Materials Science and Engineering, admitted Summer 2016

### Bio

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#### EDUCATION AND CERTIFICATIONS

- PhD Candidate, Stanford University , Engineering, (in progress)
- MD candidate, University of Toronto , Medicine, (in progress)
- MS, Stanford University , Engineering (MatSci) (2019)
- H.BSc, University of Toronto , Physics, Chemistry (2015)

### Publications

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#### PUBLICATIONS

- **Viral Delivery of CAR Targets to Solid Tumors Enables Effective Cell Therapy.** *Molecular therapy oncolytics*  
Aalipour, A., Le Boeuf, F., Tang, M., Murty, S., Simonetta, F., Lozano, A. X., Shaffer, T. M., Bell, J. C., Gambhir, S. S.  
2020; 17: 232–40
- **Phenotate: crowdsourcing phenotype annotations as exercises in undergraduate classes.** *Genetics in medicine : official journal of the American College of Medical Genetics*  
Chang, W. H., Mashouri, P., Lozano, A. X., Johnstone, B., Husic, M., Olry, A., Maiella, S., Balci, T. B., Sawyer, S. L., Robinson, P. N., Rath, A., Brudno, M.  
2020
- **A mountable toilet system for personalized health monitoring via the analysis of excreta.** *Nature biomedical engineering*  
Park, S. M., Won, D. D., Lee, B. J., Escobedo, D., Esteva, A., Aalipour, A., Ge, T. J., Kim, J. H., Suh, S., Choi, E. H., Lozano, A. X., Yao, C., Bodapati, et al  
2020
- **A high quantum yield molecule-protein complex fluorophore for near-infrared II imaging** *NATURE COMMUNICATIONS*  
Antaris, A. L., Chen, H., Diao, S., Ma, Z., Zhang, Z., Zhu, S., Wang, J., Lozano, A. X., Fan, Q., Chew, L., Zhu, M., Cheng, K., Hong, et al  
2017; 8