

# Stanford

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## Elise Robinson

Ph.D. Student in Bioengineering, admitted Autumn 2015

### Bio

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#### HONORS AND AWARDS

- Training in Biomedical Imaging & Instrumentation (TBI2) Fellow, Stanford Bioengineering Department (2016-2017)
- UC Regents Scholar, The Regents of the University of California (2010-2014)
- Whitaker Foundation Undergraduate Research Fellow, Whitaker International Program (2014)
- ThinkSwiss Research Scholarship, Embassy of Switzerland (2014)

#### PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Member, Tau Beta Pi (2015 - present)

#### EDUCATION AND CERTIFICATIONS

- Master of Science, Stanford University , BIOE-MS (2017)
- Bachelor of Science, UC Davis , Biomedical Engineering (2015)

#### SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Stanford Science Penpals
- Mentor for Stanford Medical Youth Science Program

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Biomedical Imaging and Instrumentation, Early Cancer Detection

#### LAB AFFILIATIONS

- Sanjiv Gambhir, Multimodality Molecular Imaging Lab (MMIL) (3/8/2016)

### Professional

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#### WORK EXPERIENCE

- Pre-Graduate Research Intern - Novartis Institutes for BioMedical Research (June 1, 2015 - August 31, 2015)

### Publications

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#### PUBLICATIONS

- Engineered immune cells as highly sensitive cancer diagnostics *NATURE BIOTECHNOLOGY*

Aalipour, A., Chuang, H., Murty, S., D'Souza, A. L., Park, S., Gulati, G. S., Patel, C. B., Beinat, C., Simonetta, F., Martinic, I., Gowrishankar, G., Robinson, E. R., Aalipour, et al  
2019; 37 (5): 531-+

- **The characterization of 18F-hGTS13 for molecular imaging of xC- transporter activity with positron emission tomography.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*  
Beinat, C., Gowrishankar, G., Shen, B., Alam, I. S., Robinson, E., Haywood, T., Patel, C. B., Azevedo, E. C., Castillo, J., Ilovich, O., Koglin, N., Schmitt-Willich, H., Berndt, et al  
2019
- **Engineered immune cells as highly sensitive cancer diagnostics.** *Nature biotechnology*  
Aalipour, A., Chuang, H. Y., Murty, S., D'Souza, A. L., Park, S. M., Gulati, G. S., Patel, C. B., Beinat, C., Simonetta, F., Martini#, I., Gowrishankar, G., Robinson, E. R., Aalipour, et al  
2019
- **Tumor Cell-Derived Extracellular Vesicle-Coated Nanocarriers: An Efficient Theranostic Platform for the Cancer-Specific Delivery of Anti-miR-21 and Imaging Agents.** *ACS nano*  
Jc Bose, R., Uday Kumar, S., Zeng, Y., Afjei, R., Robinson, E., Lau, K., Bermudez, A., Habte, F., Pitteri, S. J., Sinclair, R., Willmann, J. K., Massoud, T. F., Gambhir, et al  
2018