

Stanford



Hieu Nguyen

Postdoctoral Scholar, Radiation Physics

Bio

HONORS AND AWARDS

- T32 Stanford Molecular Imaging Program, NIH (2023-2025)
- Jack Krohmer Early-Career Investigator Award, AAPM Annual Meeting (2023)
- Bio-X Travel Award, Stanford University (2023)
- Expanding Horizons Travel Award, AAPM (2022)
- Radiation Oncology Trainee Seed Grant, Stanford University School of Medicine (2022)
- School of Medicine Dean's Postdoctoral Fellowship, Stanford University (2022)
- Presidential Fellowship in Biomedical Engineering, The University of Texas at Austin (2020)
- Professional Development Award, The University of Texas at Austin (2020)
- Graduate Fellowship, The University of Texas at Austin (2019)
- Singapore Government Scholarship, Singapore Ministry of Foreign Affairs (2007-2011)

PROFESSIONAL EDUCATION

- Master of Science in Engr, University of Texas Austin (2019)
- Doctor of Philosophy, University of Texas Austin (2020)
- Ph.D., The University of Texas at Austin , Biomedical Engineering (2020)
- M.S., The University of Texas at Austin , Biomedical Engineering (2019)
- B.E., Nanyang Technological University, Singapore , Materials Science and Engineering (2011)

STANFORD ADVISORS

- Guillem Pratx, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Efficient and multiplexed tracking of single cells using whole-body PET/CT.** *bioRxiv : the preprint server for biology*
Nguyen, H. T., Das, N., Wang, Y., Ruvalcaba, C., Mehadji, B., Roncali, E., Chan, C. K., Pratx, G.
2023
- **Radioluminescence from polymer dots based on thermally activated delayed fluorescence** *NANOSCALE ADVANCES*
Asanuma, D., Nguyen, H., Liu, Z., Tojo, S., Shigemitsu, H., Yamaji, M., Kawai, K., Mori, T., Kida, T., Pratx, G., Fujitsuka, M., Osakada, Y.
2023

- **Red, green, and blue radio-luminescent polymer dots doped with heteroleptic tris-cyclometalated iridium complexes.** *RSC advances*
Liu, Z., Nguyen, H. T., Asanuma, D., Tojo, S., Yamaji, M., Kawai, K., Pratz, G., Fujitsuka, M., Osakada, Y.
2023; 13 (22): 15126-15131
- **Preclinical evaluation of ⁸⁹Zr-Panitumumab for biology-guided radiotherapy.** *International journal of radiation oncology, biology, physics*
Natarajan, A., Khan, S., Liang, X., Nguyen, H., Das, N., Anders, D., Malik, N., Oderinde, O. M., Chin, F., Rosenthal, E., Pratz, G.
2023