Stanford

Ashley Haluck Kangas

Postdoctoral Scholar, Surgery

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Northwestern University (2023)
- Bachelor of Arts, University of Rochester (2012)

STANFORD ADVISORS

- Sheri Krams, Postdoctoral Faculty Sponsor
- Olivia Martinez, Postdoctoral Research Mentor

Research & Scholarship

LAB AFFILIATIONS

- Sheri Krams (2/3/2025)

Publications

PUBLICATIONS

- **Death Induced by Survival gene Elimination (DISE) correlates with neurotoxicity in Alzheimer's disease and aging** *NATURE COMMUNICATIONS*
  Paudel, B., Jeong, S., Martinez, C., Rickman, A., Haluck-Kangas, A., Bartom, E. T., Fredriksen, K., Affaneh, A., Kessler, J. A., Mazzulli, J. R., Murmann, A. E., Rogalski, E., Geula, et al
  2024; 15 (1): 264

- **CD95/Fas ligand mRNA is toxic to cells through more than one mechanism** *MOLECULAR BIOMEDICINE*
  Haluck-Kangas, A., Fink, M., Bartom, E. T., Peter, M. E.
  2023; 4 (1): 11

- **CD95/Fas ligand induced toxicity** *BIOCHEMICAL SOCIETY TRANSACTIONS*
  Haluck-Kangas, A., Peter, M. E.
  2023; 51 (1): 21-29

- **SPOROS: A pipeline to analyze DISE/6mer seed toxicity** *PLOS COMPUTATIONAL BIOLOGY*
  Bartom, E. T., Kocherginsky, M., Paudel, B., Vaidyanathan, A., Haluck-Kangas, A., Patel, M., O'Shea, K. L., Murmann, A. E., Peter, M. E.
  2022; 18 (3): e1010022

- **DISE/6mer seed toxicity-a powerful anti-cancer mechanism with implications for other diseases** *JOURNAL OF EXPERIMENTAL & CLINICAL CANCER RESEARCH*
  Haluck-Kangas, A., Patel, M., Paudel, B., Vaidyanathan, A., Murmann, A. E., Peter, M. E.
  2021; 40 (1): 389

- **CD95/Fas ligand mRNA is toxic to cells** *ELIFE*
  Putzbach, W., Haluck-Kangas, A., Gao, Q. Q., Sarshad, A. A., Bartom, E. T., Stults, A., Qadir, A. S., Hafner, M., Peter, M. E.
  2018; 7

- **CD95L mRNA is toxic to cancer cells**
  Putzbach, W., Haluck-Kangas, A., Gao, Q., Sarshad, A. A., Bartom, E., Stults, A., Qadir, A. S., Scholtens, D. M., Hafner, M., Peter, M.
  AMER ASSOC CANCER RESEARCH.2018

- **DISE: A Seed-Dependent RNAi Off-Target Effect That Kills Cancer Cells** *TRENDS IN CANCER*
  Putzbach, W., Gao, Q. Q., Patel, M., Haluck-Kangas, A., Murmann, A. E., Peter, M. E.
  2018; 4 (1): 10-19

- **Many si/shRNAs can kill cancer cells by targeting multiple survival genes through an off-target mechanism** *ELIFE*
  Putzbach, W., Gao, Q. Q., Patel, M., van Dongen, S., Haluck-Kangas, A., Sarshad, A. A., Bartom, E. T., Kim, K. A., Scholtens, D. M., Hafner, M., Zhao, J. C., Murmann, A. E., Peter, et al
  2017; 6

- **Induction of DISE in ovarian cancer cells in vivo** *ONCOTARGET*
  Murmann, A. E., McMahon, K. M., Haluck-Kangas, A., Ravindran, N., Patel, M., Law, C. Y., Brockway, S., Wei, J., Thaxton, C., Peter, M. E.
  2017; 8 (49): 84643-84658