



Jason Barzel Ross

- Postdoctoral Medical Fellow, Radiation Therapy
- Fellow in Radiation Oncology - Radiation Therapy

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Rockefeller University (2015)
- Doctor of Medicine, Cornell University (2016)
- Board Certification, American Board of Radiology , Radiation Oncology (2022)
- Residency, Stanford University Medical Center , Radiation Oncology (2021)
- MD, Weill Cornell Medical College , Medicine (2016)
- PhD, The Rockefeller University , Cancer Biology (2015)
- BS, Stanford University , Biological Sciences (2006)

Research & Scholarship

LAB AFFILIATIONS

- Maximilian Diehn, Diehn Lab (7/1/2019)
- Irving Weissman, Weissman Lab (7/1/2019)

Publications

PUBLICATIONS

- **Depleting myeloid-biased haematopoietic stem cells rejuvenates aged immunity.** *Nature*
Ross, J. B., Myers, L. M., Noh, J. J., Collins, M. M., Carmody, A. B., Messer, R. J., Dhuey, E., Hasenkrug, K. J., Weissman, I. L.
2024
- **Identification of molecular determinants of primary and metastatic tumour re-initiation in breast cancer** *NATURE CELL BIOLOGY*
Ross, J. B., Huh, D., Noble, L. B., Tavazoie, S. F.
2015; 17 (5): 651-U258
- **Radiotherapy in combination with CD47 blockade elicits a macrophage-mediated abscopal effect.** *Nature cancer*
Nishiga, Y., Drainas, A. P., Baron, M., Bhattacharya, D., Barkal, A. A., Ahrari, Y., Mancusi, R., Ross, J. B., Takahashi, N., Thomas, A., Diehn, M., Weissman, I. L., Graves, et al
2022
- **PTPRN2 and PLCb1 promote metastatic breast cancer cell migration through PI(4,5)P-2-dependent actin remodeling** *EMBO JOURNAL*
Sengelaub, C. A., Navrazhina, K., Ross, J. B., Halberg, N., Tavazoie, S. F.
2016; 35 (1): 62-76
- **A genetic screen to isolate type III effectors translocated into pepper cells during Xanthomonas infection** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

Roden, J. A., Belt, B., Ross, J. B., Tachibana, T., Vargas, J., Mudgett, M. B.

2004; 101 (47): 16624-16629