



## Jolene Ranek

Postdoctoral Scholar, Pathology

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### Bio

#### STANFORD ADVISORS

- Michael Angelo, Postdoctoral Faculty Sponsor

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### Publications

#### PUBLICATIONS

- **The immunometabolic topography of cellular organization and bacterial control in tuberculosis granulomas.** *Nature immunology*  
McCaffrey, E. F., Delmastro, A. C., Fitzhugh, I., Ranek, J. S., Douglas, S., Peters, J. M., Fullaway, C. C., Bosse, M., Liu, C. C., Gillen, C., Greenwald, N. F., Anzick, S., Martens, et al  
2026
- **The automated computational workflow QUICHE reveals structural definitions of antitumor responses in triple-negative breast cancer.** *Nature cancer*  
Ranek, J. S., Greenwald, N. F., Goldston, M., Camacho Fullaway, C., Sowers, C., Kong, A., Mouron, S., Quintela-Fandino, M., West, R. B., Bendall, S. C., Angelo, M.  
2026
- **Temporal and spatial composition of the tumor microenvironment predicts response to immune checkpoint inhibition in metastatic TNBC.** *Nature cancer*  
Greenwald, N. F., Nederlof, I., Sowers, C., Ding, D. Y., Park, S., Kong, A., Houlahan, K. E., Varra, S. R., de Graaf, M., Geurts, V., Liu, C. C., Ranek, J. S., Voorwerk, et al  
2026
- **Multi-omic landscape of human gliomas from diagnosis to treatment and recurrence.** *Cancer cell*  
Piyadasa, H., Oberlton, B., Ribi, M., Leow, K., Ranek, J. S., Averbukh, I., Amouzgar, M., Liu, C. C., Franchina, D. G., Greenwald, N. F., McCaffrey, E. F., Kumar, R., Ferrian, et al  
2025
- **Automated classification of cellular expression in multiplexed imaging data with Nimbus.** *Nature methods*  
Rumberger, J. L., Greenwald, N. F., Ranek, J. S., Boonrat, P., Walker, C., Franzen, J., Varra, S. R., Kong, A., Sowers, C., Liu, C. C., Averbukh, I., Piyadasa, H., Vanguri, et al  
2025