

# Stanford

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## Rebecca Mancusi

Ph.D. Student in Cancer Biology, admitted Autumn 2019

### Publications

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#### PUBLICATIONS

- **The neuroscience of cancer.** *Nature*  
Mancusi, R., Monje, M.  
2023; 618 (7965): 467-479
- **Radiotherapy in combination with CD47 blockade elicits a macrophage-mediated abscopal effect.** *Nature cancer*  
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2022
- **A cell-based bioluminescence reporter assay of human Sonic Hedgehog protein autoprocessing to identify inhibitors and activators.** *The Journal of biological chemistry*  
Ciulla, D. A., Dranchak, P., Pezzullo, J. L., Mancusi, R. A., Psaras, A. M., Rai, G., Giner, J., Inglese, J., Callahan, B. P.  
2022: 102705
- **GLIOMA SYNAPSES RECRUIT MECHANISMS OF ADAPTIVE PLASTICITY**  
Taylor, K., Barron, T., Zhang, H., Hui, A., Hartmann, G., Ni, L., Venkatesh, H., Du, P., Mancusi, R., Yalcin, B., Chau, I., Ponnuswami, A., Aziz-Bose, et al  
OXFORD UNIV PRESS INC.2022: 25
- **Mild respiratory COVID can cause multi-lineage neural cell and myelin dysregulation.** *Cell*  
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- **Programmable siRNA pro-drugs that activate RNAi activity in response to specific cellular RNA biomarkers.** *Molecular therapy. Nucleic acids*  
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- **GD2-CAR T cell therapy for H3K27M-mutated diffuse midline gliomas.** *Nature*  
Majzner, R. G., Ramakrishna, S., Yeom, K. W., Patel, S., Chinnasamy, H., Schultz, L. M., Richards, R. M., Jiang, L., Barsan, V., Mancusi, R., Geraghty, A. C., Good, Z., Mochizuki, et al  
2022
- **BRAFV600E-induced senescence drives Langerhans cell histiocytosis pathophysiology.** *Nature medicine*  
Bigenwald, C., Le Berichel, J., Wilk, C. M., Chakraborty, R., Chen, S. T., Tabachnikova, A., Mancusi, R., Abhyankar, H., Casanova-Acebes, M., Laface, I., Akturk, G., Jobson, J., Karoulia, et al  
2021; 27 (5): 851-861
- **Improved Sonic Hedgehog Protein Autoprocessing Assay in Cells Using Luciferase Reporter System**  
Ciulla, D., Mancusi, R., Psaras, A., Ghora, S., Callahan, B.  
WILEY.2020
- **Protein-Nucleic Acid Conjugation with Sterol Linkers Using Hedgehog Autoprocessing.** *Bioconjugate chemistry*  
Zhang, X., Xu, Z., Moumin, D. S., Ciulla, D. A., Owen, T. S., Mancusi, R. A., Giner, J. L., Wang, C., Callahan, B. P.  
2019; 30 (11): 2799-2804