



Debadrita Bhattacharya

Postdoctoral Scholar, Hematology-Oncology

 NIH Biosketch available Online

Bio

HONORS AND AWARDS

- American Cancer Society Postdoctoral Fellowship, American Cancer Society (2026-2028)
- Star Mentor Award, Stanford BioX (2025)
- Leading Edge Fellow, Leading Edge symposium (2025)
- Damon Runyon Fellowship Award, Damon Runyon Cancer Research foundation (2022-2026)
- Stanford Dean's Fellowship, Stanford University (2022 Spring)
- Paul H. Henion Award, Society of Developmental Biology (2019)
- Centre for Vertebrates Genomics Scholars Award, Cornell University (2018)

PROFESSIONAL EDUCATION

- Bachelor of Science, University Of Calcutta (2013)
- M.Sc, Tata Institute of Fundamental Research, India , Biological Sciences (2016)
- Ph.D, Cornell University , Molecular Biology and Genetics (2021)

STANFORD ADVISORS

- Julien Sage, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Small cell lung cancer plasticity enables NFIB-independent metastasis.** *Cancer research*
Ko, J. H., Lambert, K. E., Bhattacharya, D., Lee, M. C., Colon, C. I., Hauser, H., Sage, J.
2023
- **Crosstalk between small-cell lung cancer cells and astrocytes mimics brain development to promote brain metastasis.** *Nature cell biology*
Qu, F., Brough, S. C., Michno, W., Madubata, C. J., Hartmann, G. G., Puno, A., Drainas, A. P., Bhattacharya, D., Tomasich, E., Lee, M. C., Yang, D., Kim, J., Peiris-Pagès, et al
2023
- **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
- **Spatial epitope barcoding reveals clonal tumor patch behaviors.** *Cancer cell*

Rovira-Clave, X., Drainas, A. P., Jiang, S., Bai, Y., Baron, M., Zhu, B., Dallas, A. E., Lee, M. C., Chu, T. P., Holzem, A., Ayyagari, R., Bhattacharya, D., McCaffrey, et al
2022

- **Pluripotency factors are repurposed to shape the epigenomic landscape of neural crest cells.** *Developmental cell*
Hovland, A. S., Bhattacharya, D., Azambuja, A. P., Pramio, D., Copeland, J., Rothstein, M., Simoes-Costa, M.
2022; 57 (19): 2257-2272.e5
- **Neural crest metabolism: At the crossroads of development and disease** *DEVELOPMENTAL BIOLOGY*
Bhattacharya, D., Khan, B., Simoes-Costa, M.
2021; 475: 245-255
- **Metabolic Reprogramming Promotes Neural Crest Migration via Yap/Tead Signaling** *DEVELOPMENTAL CELL*
Bhattacharya, D., Azambuja, A., Simoes-Costa, M.
2020; 53 (2): 199-+
- **Control of neural crest multipotency by Wnt signaling and the Lin28/let-7 axis** *ELIFE*
Bhattacharya, D., Rothstein, M., Azambuja, A., Simoes-Costa, M.
2018; 7
- **The molecular basis of neural crest axial identity** *DEVELOPMENTAL BIOLOGY*
Rothstein, M., Bhattacharya, D., Simoes-Costa, M.
2018; 444: S170-S180