

Cesar Andres Garcia Jr.

- MD Student with Scholarly Concentration in Molecular Basis of Medicine / Cancer Biology, expected graduation Spring 2025
- Ph.D. Student in Cancer Biology with Scholarly Concentration in Molecular Basis of Medicine / Cancer Biology, admitted Autumn 2023
- MSTP Student

Publications

PUBLICATIONS

- **THE ROLE OF MAP4K4 IN TUMOR CELL INVASION OBSERVED IN A 3D IN VITRO MODEL OF PEDIATRIC GLIOBLASTOMA**
Garcia, C., Nettnin, E., Arana, S., Nguyen, T., Guinle, M., Wilson, C., Petritsch, C. K., Bassik, M. C., Prolo, L. M.
OXFORD UNIV PRESS INC.2024
- **BIOPROCESSING OF VIABLE SURGICAL PEDIATRIC BRAIN TUMOR SPECIMENS FOR GENOME-GUIDED PERSONALIZED DRUG TESTING**
Nasajpour, E., Tran, C., Garcia, C., Xing, L., Lyle, G., Guinle, M., Bagley, B., Mahaney, K., Vogel, H., Learned, K., Vaske, O., Grant, G., Prolo, et al
OXFORD UNIV PRESS INC.2024
- **CDC42BPA::BRAF represents a novel fusion in desmoplastic infantile ganglioglioma/desmoplastic infantile astrocytoma.** *Neuro-oncology advances*
Barros Guinle, M. I., Nirschl, J. J., Xing, Y. L., Nettnin, E. A., Arana, S., Feng, Z. P., Nasajpour, E., Pronina, A., Garcia, C. A., Grant, G. A., Vogel, H., Yeom, K. W., Prolo, et al
2024; 6 (1): vdae050
- **Review: therapeutic approaches for circadian modulation of the glioma microenvironment.** *Frontiers in oncology*
Nettnin, E. A., Nguyen, T., Arana, S., Barros Guinle, M. I., Garcia, C. A., Gibson, E. M., Prolo, L. M.
2023; 13: 1295030
- **Behavior of glioblastoma brain tumor stem cells following a suborbital rocket flight: reaching the "edge" of outer space.** *NPJ microgravity*
Garcia, C. A., Suárez-Meade, P., Brooks, M., Bhargav, A. G., Freeman, M. L., Harvey, L. M., Quinn, J., Quiñones-Hinojosa, A.
2023; 9 (1): 92
- **CDC42BPA::BRAF REPRESENTS A NOVEL FUSION IN DESMOPLASTIC INFANTILE GLIOMA**
Guinle, M., Nettnin, E. A., Nasajpour, E., Nirschl, J., Garcia, C. A., Vogel, H., Yeom, K., Prolo, L., Petritsch, C.
OXFORD UNIV PRESS INC.2023
- **BIOPROCESSING OF SURGICAL PEDIATRIC BRAIN TUMOR SPECIMENS FOR GENOME-GUIDED PERSONALIZED DRUG TESTING**
Nasajpour, E., Tran, C., Garcia, C., Lyle, G., Guinle, M., Bagley, B. A., Lancero, H., Gibson, E. E., Schouten, T., Mahaney, K., Vogel, H., Learned, K., Vaske, et al
OXFORD UNIV PRESS INC.2023
- **THERAPY-INDUCED CHANGES BY BRAF AND MEK INHIBITORS IN BRAF V600E-MUTATED GLIOMA MODELS PROVIDE POTENTIAL NOVEL THERAPEUTIC OPPORTUNITIES**
Park, J., Lancero, H., Nasajpour, E., Garcia, C., Prolo, L., Grant, G., Petritsch, C.
OXFORD UNIV PRESS INC.2022: 34
- **BIOPROCESSING OF SURGICAL PEDIATRIC BRAIN TUMOR SPECIMENS FOR GENOME-GUIDED PERSONALIZED DRUG TESTING**
Nasajpour, E., Lyle, G., Lancero, H., Garcia, C., Learned, K., Gibson, E., Tran, C., Schouten, T., Vogel, H., Mahaney, K., Prolo, L., Vaske, O., Grant, et al
OXFORD UNIV PRESS INC.2022: 232
- **5-Aminolevulinic Acid Imaging of Malignant Glioma.** *Surgical oncology clinics of North America*

Li, G., Rodrigues, A., Kim, L., Garcia, C., Jain, S., Zhang, M., Hayden-Gephart, M.
2022; 31 (4): 581-593

- **Development of an Integrated Risk Scale for Prediction of Shunt Placement After Neonatal Intraventricular Hemorrhage**

Jin, M. C., Parker, J. J., Rodrigues, A., Colon, G. R., Garcia, C. A., Mahaney, K. B., Grant, G. A., Prolo, L. M.
OXFORD UNIV PRESS INC.2022: 37-38

- **Development of an integrated risk scale for prediction of shunt placement after neonatal intraventricular hemorrhage.** *Journal of neurosurgery. Pediatrics*

Jin, M. C., Parker, J. J., Rodrigues, A. J., Ruiz Colón, G. D., Garcia, C. A., Mahaney, K. B., Grant, G. A., Prolo, L. M.
2022: 1-10

- **An Analysis of Public Interest in Elective Neurosurgical Procedures during the COVID-19 Pandemic through Online Search Engine Trends.** *World neurosurgery*

Feng, A. Y., Garcia, C. A., Jin, M. C., Ho, A. L., Li, G. n., Grant, G. n., Ratliff, J. n., Skirboll, S. L.
2021