Stanford

# Ella Adeline Nettnin

- MD Student with Scholarly Concentration in Molecular Basis of Medicine / Neuroscience, Behavior, and Cognition, expected graduation Spring 2027
- Masters Student in Medicine, admitted Autumn 2024

## Publications

### PUBLICATIONS

- **Health Literacy and Neurosurgical Outcomes: A Systematic Review and Framework for Action**
  Guinle, M., Nettnin, E., Prolo, L.
  OXFORD UNIV PRESS INC.2025: v194
- **Macropinocytosis as a novel target for pediatric high grade glioma therapy**
  Nguyen, T., Spees, K., Garcia, C., Arana, S., Du, P., Levin-Konigsberg, R., Vaughan-Jackson, A., Nettnin, E., Bassik, M., Prolo, L.
  OXFORD UNIV PRESS INC.2025: v179-v180
- **Disrupting BMAL1 enhances Temozolomide efficacy and abolishes circadian timing effects in pediatric high-grade gliomas**
  Nettnin, E., Garcia, C., Sayed, F., Guinle, M., Gibson, E., Prolo, L.
  OXFORD UNIV PRESS INC.2025: v340
- **Role of health literacy in neurosurgical outcomes among pediatric and adult patients: a systematic review of international studies and call to action.** *Journal of neurosurgery. Pediatrics*
  Barros Guinle, M. I., Nettnin, E. A., Prolo, L. M.
  2025: 1-9
- **Circadian rhythms in pediatric high-grade gliomas may contribute to treatment efficacy.** *Scientific reports*
  Nettnin, E. A., Garcia, C. A., Sayed, F. F., Schonfeld, E., Nguyen, T., Guinle, M. I., Petritsch, C. K., Gibson, E. M., Prolo, L. M.
  2025; 15 (1): 32010
- **Health care utilization among Medicare beneficiaries with newly diagnosed back pain.** *North American Spine Society journal*
  Barros Guinle, M. I., Johnstone, T., Ruiz Colón, G. D., Weng, Y., Nettnin, E. A., Ratliff, J. K.
  2024; 20: 100565
- **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
- **PEDIATRIC GLIOMAS EXPRESS CIRCADIAN GENES AND DEMONSTRATE CIRCADIAN REGULATION OF TEMOZOLOMIDE SENSITIVITY**
  Nettnin, E. A., Garcia, C. A., Schonfeld, E., Mehl, L. C., Guinle, M., Petritsch, C. K., Gibson, E. M., Prolo, L. M.
  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
- **Review: therapeutic approaches for circadian modulation of the glioma microenvironment** *Fronteirs in Oncology*

Nettnin, E. A., Nguyen, T., Arana, S., Barros Guinle, M., Garcia, C. A., Gibson, E. M., Prolo, L. M.
2023: 1295030

- **Mobility and self-care outcomes in patients with a bariatric comorbidity during inpatient rehabilitation** *PM&R*
  Bines, K., Strehlow, E., Gray, E., Nettnin, E., Stoff, L., Rafferty, M. R.
  2024; 16 (5): 426-433

- **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

- **Activity Monitoring in Parkinson Disease: A Qualitative Study of Implementation Determinants**
  Fowler King, B., Macdonald, J., Stoff, L., Nettnin, E., Jayaraman, A., Goldman, J. G., Rafferty, M.
  LIPPINCOTT WILLIAMS & WILKINS.2023: 189-199

- **Associations between exercise classes and self-reported exercise by people with Parkinson's disease at Parkinson's foundation centers of excellence** *CLINICAL PARKINSONISM & RELATED DISORDERS*
  Nettnin, E., Burrows, S., Miao, G., Wu, S. S., Simon, D. K., Rafferty, M. R., Parkinson's Fdn Quality
  2022; 6: 100137

- **Dorsal clock neurons in Drosophila sculpt locomotor outputs but are dispensable for circadian activity rhythms** *ISCIENCE*
  Nettnin, E. A., Sallese, T. R., Nasseri, A., Saurabh, S., Cavanaugh, D. J.
  2021; 24 (9): 103001

- **Frameworks for Parkinson's Disease Rehabilitation Addressing When, What, and How** *CURRENT NEUROLOGY AND NEUROSCIENCE REPORTS*
  Rafferty, M. R., Nettnin, E., Goldman, J. G., MacDonald, J.
  2021; 21 (3): 12