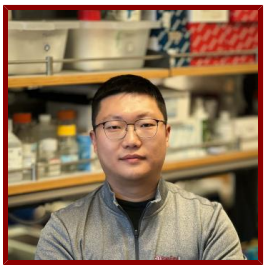
Stanford



Ruolun Wei

Postdoctoral Scholar, Neurosurgery

Bio

BIO

Ruolun Wei, MD, PhD, is a postdoctoral scholar in the Department of Neurosurgery at Stanford University. Dr. Wei's work centers on neuro-oncology, with particular emphasis on brain tumor recurrence, treatment resistance, and tumor metabolism. He is also a board-certified neurosurgeon, currently focusing on full-time research. His research aims to bridge the gap between clinical practice and laboratory investigation, conducting translational research that moves from bedside to bench and back to bedside to improve therapeutic outcomes for patients with malignant brain tumors.

PROFESSIONAL EDUCATION

- Postdoc, Stanford University , Neuro-Oncology (2025)
- Visit Ph.D., Stanford University , Neuro-Oncology (2024)
- Ph.D., Zhengzhou University , Neurosurgery/Neuro-Oncology (2024)
- Residency, Zhengzhou University, First Affiliated Hosp , Neurosurgery Resident (2020)
- M.Sc., Zhengzhou University , Neurosurgery (2018)
- M.D., Zhengzhou University , Clinical Medicine (2016)

STANFORD ADVISORS

- Juan Fernandez-Miranda, Postdoctoral Faculty Sponsor
- Claudia Petritsch, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **ZBTB20 promotes ferroptosis through inhibiting TMEM109 expression in glioblastoma cells.** *International journal of oncology*
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- **BRAF/MEK inhibition induces cell state transitions boosting immune checkpoint sensitivity in BRAFV600E-mutant glioma.** *Cell reports. Medicine*
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- **Evaluation of Oil-Absorbing Film for Imprint Desorption Electrospray Ionization Mass Spectrometry Imaging (IDESI-MSI) on Biological Samples.** *Metabolites*
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- **Online calculator to predict early mortality in patient with surgically treated recurrent lower-grade glioma.** *BMC cancer*
  Wei, R., Zhao, C., Li, J., Yang, F., Xue, Y., Wei, X.
  2022; 22 (1): 114
- **Advanced Diagnosis of Glioma by Using Emerging Magnetic Resonance Sequences.** *Frontiers in oncology*
  Wei, R. L., Wei, X. T.
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- **Behavior-Oriented Nomogram for the Stratification of Lower-Grade Gliomas to Improve Individualized Treatment.** *Frontiers in oncology*
  Wei, R. L., Zhang, L. W., Li, J. G., Yang, F. D., Xue, Y. K., Wei, X. T.
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- **A Hematological-Related Prognostic Scoring System for Patients With Newly Diagnosed Glioblastoma.** *Frontiers in oncology*
  Zhao, C., Li, L. Q., Yang, F. D., Wei, R. L., Wang, M. K., Song, D. X., Guo, X. Y., Du, W., Wei, X. T.
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- **Long noncoding RNA ENST00000413528 sponges microRNA-593-5p to modulate human glioma growth via polo-like kinase 1.** *CNS neuroscience & therapeutics*
  Zhang, R., Wei, R. L., Du, W., Zhang, L. W., Du, T., Geng, Y. D., Wei, X. T.
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