



Emma Wu

Postdoctoral Scholar, Radiology

Bio

PROFESSIONAL EDUCATION

- Postdoc scholar, Stanford University , Radiology (2019)
- PhD, Technical University of Munich , Neuro Oncology (2018)

Publications

PUBLICATIONS

- **Lipid Peroxidation Plays an Important Role in Chemotherapeutic Effects of Temozolomide and the Development of Therapy Resistance in Human Glioblastoma.** *Translational oncology*
Wu, W., Wu, Y., Mayer, K., von Rosenstiel, C., Schecker, J., Baur, S., Würstle, S., Liesche-Starnecker, F., Gempt, J., Schlegel, J.
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- **Identification of psychiatric disorder subtypes from functional connectivity patterns in resting-state electroencephalography.** *Nature Biomedical Engineering*
Zhang, Y., Wu, W., Toll, R. T., Naparstek, S., Maron-katz, A., Watts, M., Gordodn, J., Jeeong, J., Astolfi, L., Shpigel, E., Longwell, P., Sarhadi, k., El-Said, et al
2020
- **Correlation of the quantitative level of MGMT promoter methylation and overall survival in primary diagnosed glioblastomas using the quantitative MethyQESD method.** *Journal of clinical pathology*
von Rosenstiel, C., Wiestler, B., Haller, B., Schmidt-Graf, F., Gempt, J., Bettstetter, M., Rihani, L., Wu, W., Meyer, B., Schlegel, J., Liesche-Starnecker, F.
2019
- **Theranostic nanoparticles enhance the response of glioblastomas to radiation** *Nanotheranostics*
Wu, W., Klockow, J. L., Mohanty, S., Ku, K. S., Daldrup-Link, H. E.
2019; 3(4) (299-310)
- **Aldehyde dehydrogenase 1A3 (ALDH1A3) is regulated by autophagy in human glioblastoma cells** *CANCER LETTERS*
Wu, W., Schecker, J., Wuerstle, S., Schneider, F., Schoenfelder, M., Schlegel, J.
2018; 417: 112–23
- **Temozolomide induces autophagy in primary and established glioblastoma cells in an EGFR independent manner** *ONCOLOGY LETTERS*
Wuerstle, S., Schneider, F., Ringel, F., Gempt, J., Laemmer, F., Delbridge, C., Wu, W., Schlegel, J.
2017; 14 (1): 322–28
- **Test-retest reliability of transcranial magnetic stimulation EEG evoked potentials** *Brain Stimulation*
Kerwin, L. J., Keller, C., Wu, W., Narayan, M., Etkin, A.
2017
- **Deguelin-induced blockade of PI3K/protein kinase B/MAP kinase signaling in zebrafish and breast cancer cell lines is mediated by down-regulation of fibroblast growth factor receptor 4 activity** *PHARMACOLOGY RESEARCH & PERSPECTIVES*
Wu, W., Hai, Y., Chen, L., Liu, R., Han, Y., Li, W., Li, S., Lin, S., Wu, X.

