

Masoud Eslami, MD

Neurosurgeon

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[Google Scholar] (<https://scholar.google.com/citations?user=IHYQ3BcAAAAJ&hl=en&oi=ao>)

Research Focus:

- Glioblastoma multiforme (GBM): Therapeutic strategies, AI-driven diagnostics, and blood-brain barrier modulation.
- Translational neurosurgery: Bridging preclinical models (rodent TBI, stem cells) with clinical applications.

Education:

MD, Medical Degree:

- Kerman University of Medical Sciences, Iran
- Graduated: 2017

Residency, Neurosurgery:

- Kerman University of Medical Sciences, Iran
- Graduated: 2023

Professional Experience:

- Faculty Member & Neurosurgeon

Neurosurgical Department, Kerman University of Medical Sciences, Iran

- Conducted clinical/research work in neuro-oncology and traumatic brain injury (TBI).

Research Collaborator:

- Co-authored studies on candesartan's effects on BBB permeability post-TBI (presented at ESC Berlin, 2017).
- Trained in AI applications for neuro-oncology (Shahid Beheshti University).

Laboratory Skills:

- Rodent models: TBI induction, stereotactic brain surgery, mesenchymal stem cell isolation.
- Molecular techniques: Spectrophotometry, immunohistochemistry, ELISA.
- AI/ML: Diagnostic/prognostic algorithm development (certified training).

Certifications:

- 28th European Students' Conference(Charité Berlin, 2017)Co-author: Evaluating candesartan's effects on BBB permeability in TBI rats.
- AI in Neurosurgery (Shahid Beheshti University)
- 3rd Basic and Clinical Neuroscience Congress (Tehran, 2014).
- Research Methodology Workshop (Kerman University, 20 hrs).

Publications:

1. Khaksari M, Rajizadeh MA, Bejeshk MA, Soltani Z, Motamedi S, Eslami M. "Does inhibition of angiotensin function cause neuroprotection in diffuse traumatic brain injury?" Iranian Journal of Basic Medical Sciences. 2018;21(6):615.
2. Pouyan A, Mokhtari K, Eslami M, Khorrami R, Nabavi N, Rashidi M, et al. "Role of lncRNAs in brain tumors." Gene Reports. 2024;101904.
3. Pouyan A, Ghorbanlo M, Eslami M, Jahanshahi M, Ziaei E, Salami A, et al. "Glioblastoma multiforme: insights into pathogenesis, key signaling pathways, and therapeutic strategies." Molecular Cancer. 2025;24(1):58.
4. Eslami M, Aledavoud A, Ilaghi M, Ferdousie VT, Reihani-Kermani H. "Lumbosacral epidural lymphoma: A case report and comprehensive review of literature." Clinical Case Reports. 2024;12(8):e9319.
5. Eslami M, Ilaghi M, Shahabinejad E, Khajepour F, Karamouzian S, et al. "Mature teratoma of conus medullaris: A case report and review of literature." Clinical Case Reports. 2023;11(9):e7966.
6. Eslami M, Raji-Amirhasani A, Khaksari M, Keshavarzi Z, Rostamzadeh F, et al. "The changes of digestive system inflammatory, oxidative stress, and histopathology factors following oral mesenchymal stem cells administration in rats with traumatic brain injury." BMC Neuroscience. 2025;26(1):20.
7. Eslami M, Koubanani SK, Shafa S, Khaksari M, Soltani Z. "Does candesartan reduce blood-brain barrier permeability in traumatic brain injury?" Journal of Cerebral Blood Flow and Metabolism. 2016;36:761.

Professional Membership:

- Member, Neurosurgery Department, Faculty of Medicine, Kerman University of Medical Sciences, Kerman, Iran.

Languages:

- Persian (native), English (fluent), French(upper Intermediate)

References:

- Available upon request