



## Michael Lim, M.D.

Stanford Medicine Endowed Chair of the Department of Neurosurgery, Professor of Neurosurgery and, by courtesy, of Radiation Oncology, of Medicine, of Otolaryngology - Head & Neck Surgery (OHNS) and of Neurology and Neurological Sciences

 Curriculum Vitae available Online

### CLINICAL OFFICE (PRIMARY)

- **Stanford Neuroscience Health Center**

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### ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

Ann Crevelt - Executive Assistant

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## Bio

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### BIO

Dr. Lim is the Chair of the Department of Neurosurgery and a board-certified neurosurgeon specializing in brain tumors and trigeminal neuralgia.

Dr. Lim's clinical interests include the treatment of benign and malignant brain tumors, with special interest in gliomas, meningiomas, metastatic tumors, and skull base tumors. Dr. Lim also specializes in surgical treatments for trigeminal neuralgia. During his time at Johns Hopkins, Dr. Lim built one of the largest brain tumor and trigeminal neuralgia practices and utilized the most advanced surgical technologies and techniques for his patients. As a passionate voice for patient experience, he has been recognized by his peers and patients for his integrity and compassionate care, including a Service Excellence Award from HealthNetwork Foundation.

As a mentor, he has garnered numerous teaching awards, including being honored as an outstanding teacher by Johns Hopkins University School of Medicine. He is actively involved in shaping education for neurosurgery and oncology across the United States and around the world. He is the recipient of the prestigious 2023 Abhijit Guha Award in Neuro-Oncology.

Dr. Lim's research interests focus on harnessing the immune system to fight cancer. His laboratory focuses on understanding mechanisms of immune evasion by cancer cells. He has successfully translated his findings from the laboratory to the clinics and has conducted and led several large national immunotherapy clinical trials for brain tumors.

Dr. Lim's bibliography contains well over 300 articles on topics such as immunotherapy for glioblastoma, long-term survival of glioma patients treated with stereotactic radiation, and treatment of neuropathic pain. His work has appeared in Science Translational Medicine, Clinical Cancer Research, Lancet Oncology, Nature Immunology, and many more publications. He also has written 20 book chapters and monographs.

Dr. Lim is a world leader in immunotherapy for brain tumors. In addition to being invited world-wide to give lectures and seminars, he has given platform presentations on the topics of immunotherapy for brain tumors, neurosurgical techniques and management of brain tumors at the American Society of Clinical Oncologists, American Academy of Neurological Surgeons, Radiological Society of North America, Annual Symposium on Brain and Spine Metastases, Congress of Neurological Surgeons, and other meetings. In addition, he has served as platform chairman of the CNS session at the American Society for Clinical Oncology conference.

Dr. Lim is a member of the American Society for Clinical Oncology, Congress of Neurological Surgeons, American Association of Neurological Surgeons, and Society for Neuro-Oncology. Dr. Lim served as the program co-chair of the Society for Neuro-Oncology and CNS section of the American Society for Clinical Oncology. He also served on many executive committees, including the Executive Committee for the Joint Tumor Section of the American Association of Neurological Surgeons and Congress of Neurological Surgeons.

Trigeminal neuralgia treatment: <https://www.youtube.com/watch?v=-n8nvkwZik>

Trigeminal neuralgia patient stories: <https://www.youtube.com/watch?v=kClePRPYIQs&t=1s>

## **CLINICAL FOCUS**

- Neurosurgery

## **ACADEMIC APPOINTMENTS**

- Professor, Neurosurgery
- Professor (By courtesy), Radiation Oncology - Radiation Therapy
- Professor (By courtesy), Medicine - Oncology
- Professor (By courtesy), Otolaryngology (Head and Neck Surgery)
- Professor (By courtesy), Neurology and Neurological Sciences
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Stanford Cancer Institute
- Member, Wu Tsai Neurosciences Institute

## **HONORS AND AWARDS**

- Abhijit Guha Award, AANS/CNS Section on Tumors and Society of Neuro-Oncology (September 2023)

## **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Co-Chair, SNO Scientific Program Committee (2018 - 2020)
- Member, NCI Brain Malignancy Steering Committee (2021 - present)

## **PROFESSIONAL EDUCATION**

- Residency: Stanford University Dept of Neurosurgery (2007) CA
- Board Certification: Neurosurgery, American Board of Neurological Surgery (2012)
- Medical Education: Johns Hopkins University School of Medicine (2000) MD

## **LINKS**

- Lim Lab: <https://limlab.sites.stanford.edu/>

- Stanford Facial Pain Program: <https://stanfordhealthcare.org/medical-clinics/facial-pain-program.html>
- Stanford Medicine - Trigeminal Neuralgia (2022): <https://stanfordhealthcare.org/medical-conditions/brain-and-nerves/trigeminal-neuralgia.html>
- Understanding Trigeminal Neuralgia (2022): <https://www.youtube.com/watch?v=kClePRPYIQs>
- Washington Post - Health and Science - Patient with Trigeminal Neuralgia (2016): [https://www.washingtonpost.com/national/health-science/he-couldnt-eat-drink-or-work-and-doctors-couldnt-explain-his-searing-pain/2016/03/14/87c791ee-bc8c-11e5-829c-26ffb874a18d\\_story.html](https://www.washingtonpost.com/national/health-science/he-couldnt-eat-drink-or-work-and-doctors-couldnt-explain-his-searing-pain/2016/03/14/87c791ee-bc8c-11e5-829c-26ffb874a18d_story.html)
- Readers Digest - Patient with Trigeminal Neuralgia (2013): <https://www.thebaynet.com/articles/0313/owings-woman-featured-in-readers-digest.html>
- Facial Pain Association - Overview of Trigeminal Neuralgia: <https://www.facepain.org/webinars/overview-of-trigeminal-neuralgia/>
- Facial Pain Association - Diagnosis and Treatment for Facial Pain: <https://www.facepain.org/webinars/diagnosis-and-treatment-for-facial-pain/>
- Blog - More Than Just Brain Surgery (2022): <https://www.neurosurgeryblog.org/2022/07/19/neurosurgical-oncologists-pushing-the-field-forward/>
- Podcast - Optimal neurospine - Immunotherapy for brain tumors. a conversation with Dr Michael Lim (2021): <https://www.buzzsprout.com/1771041/8816755>
- Car T-Cells: <https://t.e2ma.net/message/u5cime/et0nz6d>
- STEMPod Leaders - Treating Brain Tumors - Dr Michael Lim (2021): <https://www.youtube.com/watch?v=6HxNTh9f3EI>
- Focused Ultrasound Foundation Webinar - Michael Lim - Immunotherapy for Brain Tumors (2020): <https://www.youtube.com/watch?v=9Af8PyutASY>
- Miami Global Tumor Symposium (Nov 2020): <https://www.youtube.com/watch?v=2Tuv6BTf71w>
- University of Miami Cerebrovascular and Skull Base International Symposium (2020): <https://www.youtube.com/watch?v=WeeB4cxpoNo>
- Frontiers in Oncology - Michael Lim (2020): <https://www.youtube.com/watch?v=-Hd-mp6D-ZY>
- Fire in the Smoke: Battling Brain Tumors with Michael Lim (2018): <https://www.youtube.com/watch?v=oLJwmYCVetC>
- Immunotherapy for Brain Tumors - ABTA (2018): <https://www.youtube.com/watch?v=ljyZLkTslrQ>
- Medscape - SITC - The Brain, Immune Privilege, and Immunotherapy: Proof in Concept (2017): <https://www.medscape.org/viewarticle/877106>
- Medscape - Advances in the Treatment of Glioblastoma Multiforme: Is there a Role for Immune Checkpoint Inhibitors? (2017): <https://www.medscape.org/viewarticle/878294>
- ABTA Webinar - Metastatic Brain Tumors: What Patients Need to Know (2016): <https://www.youtube.com/watch?v=fbaeG8tGHVQ>
- Dr Michael Lim on Toxicities of Checkpoint Inhibitors in Glioblastoma (2016): <https://www.youtube.com/watch?v=uR3T4sCdl3s>
- Onc Live - Dr Michael Lim on Toxicities of Checkpoint Inhibitors (2015): <https://www.onclive.com/view/dr-michael-lim-on-toxicities-of-checkpoint-inhibitors>
- Wired Magazine - Toolkit: A Neurosurgeon's Must-Have (2010): <https://www.wired.com/2010/11/st-toolkit-surgery/>
- Trigeminal neuralgia patient stories: <https://www.youtube.com/watch?v=kClePRPYIQs&t=1s>
- Trigeminal neuralgia treatment: <https://stanfordhealthcare.org/stanford-health-care-now/videos/trigeminal-neuralgia-treatment-options-michael-lim-md.html>

## Research & Scholarship

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### CLINICAL TRIALS

- Phase I Autologous B7-H3 Chimeric Antigen Receptor T Cells in Relapsed/Refractory Solid Tumors, Recruiting
- Phase I B7-H3 Chimeric Antigen Receptor T Cells (B7-H3CART) in Recurrent Glioblastoma Multiforme, Recruiting
- Phase I GD2 CAR T Cells for H3K27M-mutant Diffuse Midline Glioma (DMG), Recruiting
- Anti-Lag-3 (Relatlimab) and Anti-PD-1 Blockade (Nivolumab) Versus Standard of Care (Lomustine) for the Treatment of Patients With Recurrent Glioblastoma, Not Recruiting
- Phase I Anti-Tim-3 in Combination with Anti-PD-1 and SRS in Recurrent GBM, Not Recruiting
- Phase Ib Nivolumab or the Combination Nivolumab + Ipilimumab in Surgically Accessible Glioblastoma, Not Recruiting
- Phase II Pemigatinib in Previously Tx Glioblastoma/PrimaryCNS Tumors w/Activating FGFR1-3Alterations, Not Recruiting

## Teaching

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### COURSES

#### 2023-24

- Neurosurgical Frameworks for Clinical Neuroscience: NSUR 123 (Aut)

### STANFORD ADVISEES

#### Med Scholar Project Advisor

Matthew Abikenari, Brandon Bergsneider, Campbell Coleman, Claire Kim, Justin Liu, Hieu Nguyen, James Poe, Alexander Ren, Ethan Schonfeld, Adam Sjöholm, Vaithish Velazhahan, Janet Wu

#### Postdoctoral Faculty Sponsor

Kwang Bog Cho, Caren Wu

#### Doctoral Dissertation Advisor (NonAC)

Jocelyn Valenzuela

## Publications

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### PUBLICATIONS

- **The cytokine Meteorin-like inhibits anti-tumor CD8+ T cell responses by disrupting mitochondrial function.** *Immunity*  
Jackson, C. M., Pant, A., Dinalankara, W., Choi, J., Jain, A., Nitta, R., Yazigi, E., Saleh, L., Zhao, L., Nirschl, T. R., Kochel, C. M., Hwa-Lin Bergsneider, B., Routkevitch, et al  
2024
- **Identification of the NRF2 transcriptional network as a therapeutic target for trigeminal neuropathic pain.** *Science advances*  
Vasavda, C., Xu, R., Liew, J., Kothari, R., Dhindsa, R. S., Semenza, E. R., Paul, B. D., Green, D. P., Sabbagh, M. F., Shin, J. Y., Yang, W., Snowman, A. M., Albacarys, et al  
2022; 8 (31): eabo5633
- **Effect of Nivolumab vs Bevacizumab in Patients With Recurrent Glioblastoma The CheckMate 143 Phase 3 Randomized Clinical Trial** *JAMA ONCOLOGY*  
Reardon, D. A., Brandes, A. A., Omuro, A., Mulholland, P., Lim, M., Wick, A., Baehring, J., Ahluwalia, M. S., Roth, P., Baehr, O., Phuphanich, S., Sepulveda, J., De Souza, et al  
2020; 6 (7): 1003–10
- **Retrosigmoid approach for glycerin rhizotomy in the treatment of trigeminal neuralgia without overt arterial compression: updated case series** *JOURNAL OF NEUROSURGERY*  
Kim, T. Y., Jackson, C. M., Xia, Y., Mashouf, L. A., Patel, K. K., Kim, E. S., Hung, A. L., Wu, A., Garzon-Muvdi, T., Bender, M. T., Bettegowda, C., Lee, J. Y. K., Lim, et al  
2020; 132 (4): 1227–33
- **A Phase 2 Study of Post-Operative Stereotactic Body Radiation Therapy (SBRT) for Solid Tumor Spine Metastases** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*  
Redmond, K. J., Scubba, D., Khan, M., Gui, C., Lo, S., Gokaslan, Z. L., Leaf, B., Kleinberg, L., Grimm, J., Ye, X., Lim, M.  
2020; 106 (2): 261–68
- **Carboxylated branched poly(beta-amino ester) nanoparticles enable robust cytosolic protein delivery and CRISPR-Cas9 gene editing** *SCIENCE ADVANCES*  
Rui, Y., Wilson, D. R., Choi, J., Varanasi, M., Sanders, K., Karlsson, J., Lim, M., Green, J. J.  
2019; 5 (12): eaay3255
- **Mechanisms of immunotherapy resistance: lessons from glioblastoma** *NATURE IMMUNOLOGY*  
Jackson, C. M., Choi, J., Lim, M.  
2019; 20 (9): 1100–1109

- **Immediate and Long-Term Outcomes of Microvascular Decompression for Mixed Trigeminal Neuralgia** *WORLD NEUROSURGERY*  
Wu, A., Doshi, T., Hung, A., Garzon-Muvdi, T., Bender, M. T., Bettegowda, C., Lim, M.  
2018; 117: E300–E307
- **Current state of immunotherapy for glioblastoma** *NATURE REVIEWS CLINICAL ONCOLOGY*  
Lim, M., Xia, Y., Bettegowda, C., Weller, M.  
2018; 15 (7): 422–42
- **Combination Therapy with Anti-PD-1, Anti-TIM-3, and Focal Radiation Results in Regression of Murine Gliomas** *CLINICAL CANCER RESEARCH*  
Kim, J. E., Patel, M. A., Mangraviti, A., Kim, E. S., Theodros, D., Velarde, E., Liu, A., Sankey, E. W., Tam, A., Xu, H., Mathios, D., Jackson, C. M., Harris-Bookman, et al  
2017; 23 (1): 124–36
- **Anti-PD-1 antitumor immunity is enhanced by local and abrogated by systemic chemotherapy in GBM** *SCIENCE TRANSLATIONAL MEDICINE*  
Mathios, D., Kim, J. E., Mangraviti, A., Phallen, J., Park, C., Jackson, C. M., Garzon-Muvdi, T., Kim, E., Theodros, D., Polanczyk, M., Martin, A. M., Suk, I., Ye, et al  
2016; 8 (370): 370ra180
- **Systemic Tolerance Mediated by Melanoma Brain Tumors Is Reversible by Radiotherapy and Vaccination** *CLINICAL CANCER RESEARCH*  
Jackson, C. M., Kochel, C. M., Nirschl, C. J., Durham, N. M., Ruzevick, J., Alme, A., Francica, B. J., Elias, J., Daniels, A., Dubensky, T. W., Lauer, P., Brockstedt, D. G., Baxi, et al  
2016; 22 (5): 1161–72
- **Anti-PD-1 Blockade and Stereotactic Radiation Produce Long-Term Survival in Mice With Intracranial Gliomas** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*  
Zeng, J., See, A. P., Phallen, J., Jackson, C. M., Belcaid, Z., Ruzevick, J., Durham, N., Meyer, C., Harris, T. J., Albesiano, E., Pradilla, G., Ford, E., Wong, et al  
2013; 86 (2): 343–49
- **Cross-species transcriptomic integration reveals a MIRO1-mediated macrophage-T cell axis in glioma.** *Life science alliance*  
Du, Z., Li, M., Bergsneider, B. H., Tsai, A. P., Cho, K. B., Kim, L. H., Choi, J., Li, G., Wyss-Coray, T., Lim, M., Wang, X.  
2026; 9 (8)
- **Preoperative opioid use and postoperative outcomes after primary percutaneous glycerin rhizotomy for trigeminal neuralgia.** *Clinical neurology and neurosurgery*  
Ejimogu, E., Kalluri, A. L., Carmichael, A., Reddy, S. C., Bishara, A., Wang, E., Wang, X., Srinivasan, E., Nair, S. K., Yedavalli, V., Lim, M., Jackson, C. M., Huang, et al  
2026; 268: 109485
- **Biomarkers for predicting immunotherapy response and resistance in glioblastoma.** *Frontiers in immunology*  
Kim, S., Abikenari, M., Bergsneider, B., Kim, L. H., Lim, M.  
2026; 17: 1823338
- **Utility of direct wave intraoperative neuromonitoring for intramedullary spinal cord tumor resection.** *Journal of neurosurgery. Spine*  
Jiang, K., Al-Mistarehi, A. H., Zaitoun, K. J., Weber-Levine, C., Xia, Y., Mendelson, B. Z., Ksabi, N. L., Papali, P., Neerumalla, S., Antar, A., Hersh, A. M., Davidar, A. D., Pennington, et al  
2026: 1-10
- **Temporal patterns of facial nerve palsy after microsurgical resection of vestibular schwannoma: immediate vs. delayed onset, management, and outcomes.** *Neurosurgical review*  
Chandan Reddy, S., Maroufi, S. F., Feghali, J., Ahmed, A. K., Page, N., Selim, O., Canales, M., Bhandarkar, S., Kramer, P., Galaiya, D., Ward, B., Della Santina, C., Stewart, et al  
2026; 49 (1)
- **Evaluation of Regorafenib in Newly Diagnosed and Recurrent Glioblastoma: GBM AGILE Phase II/III Bayesian Randomized Platform Trial.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Wen, P. Y., Berry, D. A., Buxton, M. B., Colman, H., de Groot, J., Lim, M., Mellinghoff, I., Perry, J. R., Weller, M., Blondin, N. A., Butt, O. H., Damek, D. M., de la Fuente, et al  
2026: JCO2501137

- **Immunosuppressive cellular topography and genomic adaptations sustain colorectal cancer metastasis to the brain**  
Sathe, A., Zhang, M., Bai, X., Kang, J., Meka, R., Sun, H., Humayun, M., Wang, X., Grimes, S. M., Khan, A., Liu, M., Luksik, A. S., Lim, et al  
AMER ASSOC CANCER RESEARCH.2026
- **Biphasic, time-dependent neutrophil biology in glioblastoma revealed by *in vivo* survival and flow cytometry with single-cell transcriptomic corroboration**  
Abikenari, M., Choi, J., Liu, J., Sjöholm, A., Nageeb, G., Poe, J., Hwa-Lin Bergsneider, B., Tran, A., Bakalov, D., Medikonda, R., Kim, L., Verma, R., Wu, et al  
AMER ASSOC CANCER RESEARCH.2026
- **SPP1-driven immunometabolic reprogramming of tumor-associated neutrophils in glioblastoma**  
Abikenari, M., Choi, J., Medikonda, R., Kim, L., Verma, R., Liu, J., Sjöholm, A., Nageeb, G., Bergsneider, B., Wu, C., Cho, K., Tran, A., Bakalov, et al  
AMER ASSOC CANCER RESEARCH.2026
- **Analyzing Tumor Treating Fields (TTFields) therapy concomitantly with checkpoint inhibitors in a GBM mouse model**  
Lee, S., Cho, K., Wu, C., Liu, J., Ha, J., Sjöholm, A., Lim, M., Li, G., Nitta, R.  
AMER ASSOC CANCER RESEARCH.2026
- **Precision Immunotherapeutics for Glioblastoma: Current Approaches and Emerging Strategies in 2026.** *Cells*  
Poe, J., Kim, C., Coleman, C., Nguyen, H., Velazhahan, V., Bergsneider, B., Sanker, V., Kim, S., Chen, Y., Abikenari, M., Choi, J., Lim, M.  
2026; 15 (6)
- **Next-generation immunotherapy biologics for glioblastoma.** *Frontiers in immunology*  
Schonfeld, E., Sjöholm, A., Ha, J., Liu, J., Nageeb, G., Annagiri, S., Kim, L., Choi, J., Lim, M.  
2026; 17: 1775093
- **Endogenous immune recruitment in glioblastoma CAR T therapy: cytokine, myeloid, and chemokine circuitry.** *Journal of neuro-oncology*  
Liu, J., Abikenari, M., Annagiri, S., Ha, J. H., Nageeb, G., Sjöholm, M. A., Velazhahan, V., Medikonda, R., Choi, J., Li, G., Lim, M.  
2026; 177 (1)
- **Machine learning-based quantification of neurovascular compression for correlation with trigeminal neuralgia pain outcomes.** *Pain*  
Wang, X., Halbert-Elliott, K. M., Xie, M. E., Das, O., Ran, K. R., Dong, B., Abdulrahim, M., Jackson, C. M., Lim, M., Huang, J., Yedavalli, V. S., Bettegowda, C., Xu, et al  
2026
- **Nexus of IDO1/Kynurenine Pathway to T-Cell Exhaustion: Hypoxia-Induced Tryptophan Metabolism in Glioblastoma.** *Metabolites*  
Abikenari, M., Nageeb, G., Ha, J. H., Sjöholm, M. A., Liu, J., Bergsneider, B., Valenzuela, J., Poe, J., Bog Cho, K., Verma, R., Wu, C., Sanker, V., Medikonda, et al  
2026; 16 (3)
- **Oncolytic virus M1 reinvigorates CD8<sup>+</sup> T-cell immunity against glioblastoma through B-cell-dependent antigen cross-presentation in the spleen** *CELLULAR & MOLECULAR IMMUNOLOGY*  
Han, Y., Guo, C., Chen, C., Yang, W., Li, H., He, C., Deng, J., Chen, Z., Liu, W., Chen, J., Zhong, Y., Yan, C., Xu, et al  
2026
- **TREM1-PET imaging maps whole-body innate immune responses in a mouse model of metastatic melanoma.** *Scientific reports*  
Falk, I. N., Chaney, A. M., Verma, R., Kuo, R. C., Reyes, S., Carlson, M., Kalita, M., Azevedo, C., Jackson, I. M., Green, J., Alam, I. S., Tran, A., Pant, et al  
2026
- **Radiation immunodynamics: association of baseline and longitudinal cytokine levels during radiotherapy in glioblastoma with survival.** *Journal of neuro-oncology*  
Puri, S., Sloan, L., Doucet, M., Katulis, L., Redmond, K., Quon, H., Jackson, C., Lim, M., Pardoll, D., Eberhart, C., Thoburn, C., Ganguly, S., Huang, et al  
2026; 176 (3): 204
- **Preneurosurgical Care for Patients With Trigeminal Neuralgia.** *JAMA network open*  
Alfonzo Horowitz, M., Xia, Y., Al-Achkar, S., Mugerwa, M., Parker, M., Myneni, S., Lim, M., Jackson, C., Huang, J., Xu, R., Bettegowda, C.  
2026; 9 (2): e2558967

- **Pre-operative blood-based inflammatory indices and long-term facial nerve outcomes following vestibular schwannoma resection.** *Journal of neuro-oncology*  
Feghali, J., Reddy, S. C., Ahmed, A. K., Maroufi, S. F., Selim, O., Canales, M., Bhandarkar, S., Kramer, P., Creighton, F., Lim, M., Xu, R., Caplan, J. M., Bettegowda, et al  
2026; 176 (3): 191
- **Bridging discovery and therapy in precision medicine-Phage display as a catalyst for nanobody innovation: A review.** *International journal of biological macromolecules*  
Lee, H. E., Hwang, J. H., Lim, M., Lee, S.  
2026: 150083
- **Adaptive immunotherapeutic paradigms in diffuse midline glioma: integrating epigenetic reprogramming, neuron-glioma interactions, and tumor microenvironment modulation.** *Journal of neuro-oncology*  
Liu, J., Ha, J. H., Abikenari, M., Sjolholm, M. A., Annagiri, S., Ravi, K., Bergsneider, B. H., Verma, R., Theodros, D., Medikonda, R., Li, G., Prolo, L. M., Monje, et al  
2025; 176 (2): 144
- **Predictors of postoperative gustatory disturbance and gustatory recovery following microsurgical resection of vestibular schwannoma.** *Journal of neuro-oncology*  
Chandan Reddy, S., Feghali, J., Ahmed, A. K., Maroufi, S. F., Khalifeh, J. M., Carmichael, A., Yazigi, E., Canales, M., Bhandarkar, S., Kramer, P., Galaiya, D., Ward, B. K., Chien, et al  
2025; 176 (2): 133
- **Molecular and biophysical remodeling of the blood-brain barrier in glioblastoma: mechanistic drivers of tumor-neurovascular crosstalk** *FRONTIERS IN PHYSICS*  
Abikenari, M., Sjolholm, M., Liu, J., Nageeb, G., Ha, J. H., Wu, J., Ren, A., Sayadi, J., Lim, J., Cho, K., Verma, R., Medikonda, R., Banu, et al  
2025; 13
- **Molecular basis of CD155-mediated immune regulation revealed by a novel epitope-specific human monoclonal antibody.** *International journal of biological macromolecules*  
Hwang, J. H., Lee, J. H., Hwang, K., Lee, Y., Han, Y., Song, J. Y., Shim, H., Lim, M., Lee, S.  
2025: 149602
- **The Acoustic Neuroma-7 Score: An Externally Validated Tool Predicting Facial Nerve Outcome After Vestibular Schwannoma Surgery.** *Neurosurgery*  
Feghali, J., Reddy, S. C., Ahmed, A. K., Canales, M., Bhandarkar, S., Kramer, P., Ha, J., Liu, J., Kim, L. H., Vesole, A. S., Houssein, F., Galaiya, D., Ward, et al  
2025
- **Combination of Neuronavigation-Guided Focused Ultrasound and Bevacizumab for Patients With Recurrent Glioblastoma: A Pilot Study.** *Neurosurgery*  
Chen, K. T., Tsai, H. C., Huang, C. Y., Liau, C. T., Ho, K. C., Toh, C. H., Chuang, C. C., Hsu, P. W., Huang, Y. C., Chang, T. W., Yeap, M. C., Chen, P. Y., Lee, et al  
2025
- **Colorectal cancer relies on an immunosuppressive cellular topography and genomic adaptations for establishing brain metastases.** *bioRxiv : the preprint server for biology*  
Sathe, A., Zhang, M., Bai, X., Kang, J. I., Meka, R., Sun, H., Grimes, S. M., Khan, A., Liu, M., Luksik, A. S., Lim, M., Petrisch, C. K., Jackson, et al  
2025
- **EVALUATION OF B7-H3 IMMUNOHISTOCHEMISTRY IN HIGH-GRADE GLIOMAS FOR CHIMERIC ANTIGEN RECEPTOR T-CELL PREDICTIVE TESTING**  
Dyson, K., Zuraski, C., Solomon, D., Li, G., Stocksdales, B., Song, K., Mahdi, J., Tanner, K., Bertrand, S., Iv, M., Threlkeld, Z., Ramakrishna, S., Sahaf, et al  
OXFORD UNIV PRESS INC.2025: v49-v50
- **NONINVASIVE DETECTION OF GLIOMAS VIA PLASMA CFDNA FRAGMENTOME PROFILING**  
Mathios, D., Niknafs, N., Annapragada, A., Bobeff, E., Park, C., Lim, M., Jackson, C., Phallen, J., Scharpf, R., Velculescu, V.  
OXFORD UNIV PRESS INC.2025: v29
- **Outcomes from online education focused on novel targeted therapies for IDH-mutant gliomas**  
Fiske, Z., Grainger, D., Adair, G., Habib, J., Ellingson, B., Piil, K., Van Den Bent, M., Lim, M., Wen, P.

OXFORD UNIV PRESS INC.2025: v330

- **Myeloid-driven axonogenesis bridges neural and immune remodeling in glioblastoma**  
Choi, J., Nitta, R., Kim, L., Klich, J., Wu, C., Schonfeld, E., Tran, A., Lee, S., Cho, K., Li, G., Appel, E., Lim, M.  
OXFORD UNIV PRESS INC.2025: v449
- **Leveraging the immune milieu of experimental autoimmune encephalomyelitis to perpetuate an anti-tumor T cell response in glioblastoma**  
Choi, J., Kim, L., Klich, J., Tran, A., Ho, P., Verma, R., Cho, K., Lee, S., Li, G., Steinman, L., Lim, M.  
OXFORD UNIV PRESS INC.2025: v205
- **SINGLE-CELL LANDSCAPE OF B7H3-CAR T THERAPY IN GLIOMA: MECHANISMS OF RESISTANCE AND SIGNATURES OF LONG-TERM RESPONSE**  
Chen, Y., Song, K., Desai, M., Ehlinger, Z., Daghigh, H., Rietberg, S., Feeney, A., Tanner, K., Dyson, K., Stockdale, B., Dhapola, G., Lohman, C., Patil, et al  
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