

Justin Liu

MD Student with Scholarly Concentration in Bioengineering / Surgery, expected graduation Spring 2029

Publications

PUBLICATIONS

- **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
- **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
- **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)
- **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)
- **When Central Tolerance Fails: Thymic Malignancies at the Intersection of Cancer Immunity and Autoimmunity. *Cancers***
Abikenari, M., Choi, J., Enayati, I., Tucker, A., Bhatnagar, K., Chen, Y., Himic, V., Liu, J., Nageeb, G., Poe, J., Ong, S. J., Sanker, V., Diehl, et al
2026; 18 (5)
- **Risk-stratified management of ankylosing spondylitis-related spinal fractures-a meta-synthesis of contemporary surgical and nonsurgical strategies: a narrative review. *Journal of spine surgery (Hong Kong)***
Abikenari, M. A., Yoo, K. H., Liu, J., Ha, J., Nageeb, G., Jain, B., Park, L., Hani, U., Veeravagu, A.
2025; 11 (4): 1095-1110
- **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., Sjöholm, 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
- **Molecular and biophysical remodeling of the blood-brain barrier in glioblastoma: mechanistic drivers of tumor-neurovascular crosstalk *FRONTIERS IN PHYSICS***
Abikenari, M., Sjöholm, 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

- **Radical management of pathology-proven low-grade glioma: a systematic review across the pre- and post-molecular classification era.** *Journal of neurosurgical sciences*
Mizutani, Y., Hori, Y. S., Harary, P. M., Annagiri, S., Jain, R., Liu, J., Izhar, M., Reesh, D. A., Lam, F. C., Emrich, S. C., Ustrzynski, L., Tayag, A., Park, et al
2025
- **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
- **Immune-Mediated Recurrent Glioblastoma Growth: Insights from a Novel Murine Model**
Schonfeld, E., Choi, J., Annagiri, S., Kim, L., Ha, J., Liu, J., Sjöholm, A., Lim, J., Lee, S., Lau, C., Cho, K., Verma, R., Lim, et al
OXFORD UNIV PRESS INC.2025: v219
- **The immunological landscape of traumatic brain injury: insights from pathophysiology to experimental models.** *Frontiers in neurology*
Abikenari, M., Ha, J. H., Liu, J., Ren, A., Cho, K. B., Lim, J., Kim, L. H., Medikonda, R., Choi, J., Lim, M.
2025; 16: 1668480
- **Emerging trends in cell-based therapies: contemporary advances and ethical considerations in translational neurosurgical oncology.** *Journal of neuro-oncology*
Abikenari, M., Liu, J., Ha, J. H., Annagiri, S., Himic, V., Medikonda, R., Kim, L., Choi, J., Lim, M.
2025