

Prabhjeet Singh

Postdoctoral Scholar, General Surgery

Bio

STANFORD ADVISORS

- Amanda Kirane, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Targeted polymeric nanoconjugates for BBB penetration and time specific delivery of PDL1 blocking small peptides via LRP1 targeting in melanoma brain metastases.**
Sharma, S., Singh, P., Chadokiya, J., Kirane, A. R.
AMER ASSOC CANCER RESEARCH.2026
- **Systemic immune reprogramming by extracranial melanoma reshapes the melanoma brain metastasis microenvironment**
Singh, P., Sharma, S., Chadokiya, J., Kirane, A.
AMER ASSOC CANCER RESEARCH.2026
- **Predicting targeted- and immunotherapeutic response outcomes in melanoma with single-cell Raman spectroscopy and AI.** *bioRxiv : the preprint server for biology*
Chang, K., Serasanambati, M., Ogunlade, B., Hsu, H. J., Agolia, J., Stiber, A., Gu, J., Chadokiya, J., Rodriguez, G. E., Singh, P., Sharma, S., Gonçalves, A., Verma, et al
2026
- **cRGD-Functionalized Nanohybrid Conjugates Codelivering Temozolomide and Rapamycin for Treating Glioblastoma Multiforme: *In Vitro* and *In Vivo* Evaluation** *MOLECULAR PHARMACEUTICS*
Singh, P., Mittal, A., Chitkara, D.
2025
- **Simultaneous estimation of rapamycin, temozolomide and its metabolites using UPLC-ESI-MS/MS and its application to pharmacokinetics in C6-glioma bearing animals** *MICROCHEMICAL JOURNAL*
Singh, P., Mittal, A., Chitkara, D.
2025; 216
- **Antibody-Free Immunopeptide Nanoconjugates for Brain-Targeted Drug Delivery in Glioblastoma Multiforme.** *Bioconjugate chemistry*
Sharma, S., Lee, D., Maity, S., Singh, P., Chadokiya, J., Mohaghegh, N., Hassani, A., Kim, H., Gangarade, A., Ljubimova, J. Y., Kirane, A., Holler, E.
2025
- **Antibody-Free Immunopeptide Nano-Conjugates for Brain-Targeted Drug Delivery in Glioblastoma Multiforme.** *bioRxiv : the preprint server for biology*
Sharma, S., Lee, D., Maity, S., Singh, P., Chadokiya, J., Mohaghegh, N., Hassani, A., Kim, H., Gangarade, A., Ljubimova, J. Y., Kirane, A., Holler, E.
2025