

MD Anderson Cancer Center Houston

Department of Neurosurgery, The University of Texas MD Anderson Cancer Center, [Houston, Texas](#).

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It is a leading [multidisciplinary referral](#) center for patients with [nervous system tumors](#). It has a wealth of clinical experience and an internationally recognized leadership role in the management of NS cancers. In that context, an informatics infrastructure that allows the archiving of both the prospective and retrospective characterization of patients, diseases, treatments, and outcomes is invaluable. Suki et al. described the experience with the Neurosurgical Oncology Database, a database that has provided valuable, extensive, and readily searchable data on multifaceted patient, tumor, and treatment characteristics for many years, successfully serving as an administrative and operational resource and as a resource for retrospective and prospective research endeavors ¹⁾.

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MD Anderson Cancer Center Houston publications

Lu et al. showed that a bispecific nanobioconjugate that enables the decoration of SLAMF7 on the surface of solid tumors induces robust phagocytosis and activates the phagocyte cyclic guanosine monophosphate-adenosine monophosphate synthase-stimulator of interferon genes cGAS-STING pathway, sensitizing the tumors to immune checkpoint blockade. The findings support an immunological conversion strategy that uses nano adjuvants to improve the effectiveness of immunotherapy for solid tumors ²⁾

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