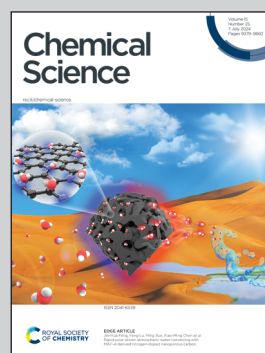


**Showcasing research from Professor Tanaka's laboratory,  
Tokyo Institute of Technology and RIKEN, Japan.**

Anticancer approach by targeted activation of a global  
inhibitor of sialyltransferases with acrolein

*In vivo* synthesis of a sialyltransferase inhibitor at the cancer  
site in mice successfully led to the selective chemical  
trimming of sialoglycan on the cancer cell surface. This led to  
the activation of immune-related cells resulting in significant  
anticancer effects without off-target effects.

**As featured in:**



See Ambara R. Pradipta,  
Katsunori Tanaka *et al.*,  
*Chem. Sci.*, 2024, **15**, 9566.