

Ternary PROTAC structures – necessary and sufficient?

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Ternary complex structures of PROTAC molecules are still rare and difficult to obtain. They capture a snapshot of one of the many conformations thought to be present in solution and perhaps one of the many ligase-target protein orientations that may lead to successful degradation. Integrating various emerging techniques such as SPR, mass photometry, native and HDX-MS may improve the success rate of obtaining structures and add complementary insights. This talk will discuss how best to use these rare snapshots and multiple techniques to improve PROTAC design.