

세미나 초록

성명	황종연
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발표 주제	Construction and Application of Molecular Glue Degradar Library
발표 내용	<p>Molecular glue degraders (MGDs) have emerged as an effective and innovative approach in drug discovery, particularly for addressing challenging "undruggable" proteins. MGDs represent a promising strategy to overcome the limitations of conventional drug development by enabling the targeted and selective degradation of specific proteins. To drive further advances in this field, building a comprehensive library of diverse MGD compounds is essential. One prominent example of MGDs includes thalidomide-based IMiD drugs, which leverage the CRBN E3 ligase machinery for targeted protein degradation. In our research, we constructed a robust library of IMiD-based compounds to identify potential MGD drugs and applied this library in screening assays aimed at selectively degrading IKZF2. This presentation will introduce our discovery of a highly selective and potent IKZF2 degrader, underscoring its promising therapeutic potential and the broader implications of our approach.</p>