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### **Using chemoproteomics to inform the development of small molecule degraders**

Targeted protein degradation (TPD) refers to the use of small molecules to induce ubiquitin-dependent degradation of proteins. These degrader molecules are of great interest in drug development as they can address previously inaccessible targets. However, degrader discovery and optimization remains an inefficient and empirical process due to a lack of understanding of the key molecular events required to successfully induce target degradation. In this seminar I will discuss the use of chemoproteomics to annotate the 'degradable kinome'. This work will not only fuel kinase degrader discovery, but also provides a blueprint for evaluating targeted degradation across entire gene families, to accelerate understanding of TPD beyond the kinome.