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Workshop title: **Dynamic BH3 profiling (UMCG)**

Place: University Medical Center Groningen

Duration: 22-26th May 2023

Abstract:

With BH3 profiling it is possible to predict which anti-apoptotic protein cells depend on for their survival, and how they will react to the treatment with inhibitors such as venetoclax, a clinically used BCL-2 inhibitor. In this workshop you will learn how to perform static BH3 profiling on cell lines in a plate based assay, dynamic profiling after treatment ( for example with chemotherapeutics) as well as doing validation experiments. We will explain the background, analysis, validation, some of the problems that you might encounter and alternatives.