

# Introducing Microfluidic Diffusional Sizing (MDS) Technology; Quantify and characterize any protein interaction – even in complex backgrounds, even with challenging targets

Speaker: Molly Coseno, Ph.D., Fluidic Analytics' Field Application Specialist, NA

Monday May 16th, 9am – 10:30am MDT

Studying protein interactions is of fundamental importance in a wide variety of research fields, including neurobiology, oncology, immunology, structural biology, and molecular biology.

The more scientists understand about protein interactions, the more we know about the inner workings of a cell, and most importantly, the better we will understand what happens when normal cellular function is subverted in human disease.

Microfluidic Diffusion Sizing technology (MDS) brings a new tool to the analytical characterization toolbox enabling the analysis of protein interactions close to *in vivo* conditions.

This talk will highlight MDS technology and its' applications that allow scientists to determine affinity of interaction ( $K_D$ ), concentration of bound protein, and stoichiometric information, in solution, and all in a single experiment. Short training session will follow.

Please see link below to join.

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