

# Influence of consumables quality on analyte adsorption to surfaces.

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Analytes from their natural sources to their identification and quantification are prone to get adsorbed to surfaces of sample handling devices before they enter an analytical instrument resulting in false quantities.

This problem is especially severe in the case of omics, as thousands of analytes with a broad range of chemical properties and thus different affinities to surfaces are quantified within a single analytical run.

Thus, for all omics applications, the consumable used has a major influence on the quality of the results and the reproducibility of the experiments.

This lunch session provides you with data on how huge the influence of consumables quality is on adsorption behavior of analytes. Additionally, you will learn how the right consumable could help to reduce the adsorption to a minimum.