

Accelerate Your Workflow in Proteomics and Biomarker Discovery.

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Separation technologies used in proteomics and biomarker discovery such as multidimensional HPLC and nanoflow LC-MS have made significant progress over the years. However, in practice many bottlenecks still remain. On one hand, the use of nanoflow LC-MS is not trivial and requires very proficient operators and long set up times. On the other, sample size and concentration are mismatched to the low volume nanoflow LC separation column or are not compatible with automated high volume sample preparation strategies (2D slab gel separations)

In designing the ultimate proteomic workflow solution, the ideal system would be scalable, incorporate automated sample introduction, fractionation, derivatization and digestion and deliver the prepared sample automatically to the nanoflow LC-MS without any additional manipulation.

In this seminar, practitioners in the field of proteomics research and biomarker discovery will present their work and experience with different workflow strategies using HPLC-Chips and Off Gel electrophoresis tools.

Chip-LC-MS in biomarker research and targeted proteomics

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Off-Gel Electrophoresis in Practice.

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