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On the cover: The sequential use of low-pH SCX and nanoLC separation for peptides generated by a metallo-endopeptidase with Lys-N cleavage specificity. Such a separation of Lys-N-generated peptides results in fractionation dependent on functional groups present, namely N-acetylation, phosphorylation and the number of basic residues. Analyzing these categories by nanoLC-MS/MS using both CID as well as ETD provides a unique optimal targeted strategy for proteome analysis. For details, see the article by Taouatas et al., pages 190–200.

[Online version of this article contains supplemental material. ]

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