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On the cover: The protein lysine methyltransferases are a family of enzymes that catalyze site-specific methylation of lysine residues. It has long been challenging to carry out global analysis of lysine methylation because of a lack of adequate affinity reagents. The figure describes a chemical proteomic approach involving chemical derivatization and subsequent affinity enrichment of the modified lysine-monomethylated peptides for proteomic studies. For details see the article by Zhixiang Wu *et al.*, pages 329–336.

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