

## Research

- 3224 **The GalNAc-type O-Glycoproteome of CHO Cells Characterized by the SimpleCell Strategy**  
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- 3343 **Mechanistic Peptidomics: Factors That Dictate Specificity in the Formation of Endogenous Peptides in Human Milk**  
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On the cover: O-GlcNAc modification of the master osteogenic transcriptional regulator Runx2 [ *runt*-related transcription factor 2/core-binding factor subunit  $\alpha$  1 (Cbfa1)] reveals new links between glucose homeostasis and bone formation. Higher energy collisional dissociation (HCD)-generated HexNAc product ions were utilized to trigger acquisition of electron transfer dissociation (ETD) fragmentation spectra to facilitate characterization of O-GlcNAc modified sites. For details, see the article by Alexis K. Nagel, *et al.*, pages 3381–3395.

- 3352 **Acetylome Analysis Reveals Diverse Functions of Lysine Acetylation in *Mycobacterium tuberculosis***  
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