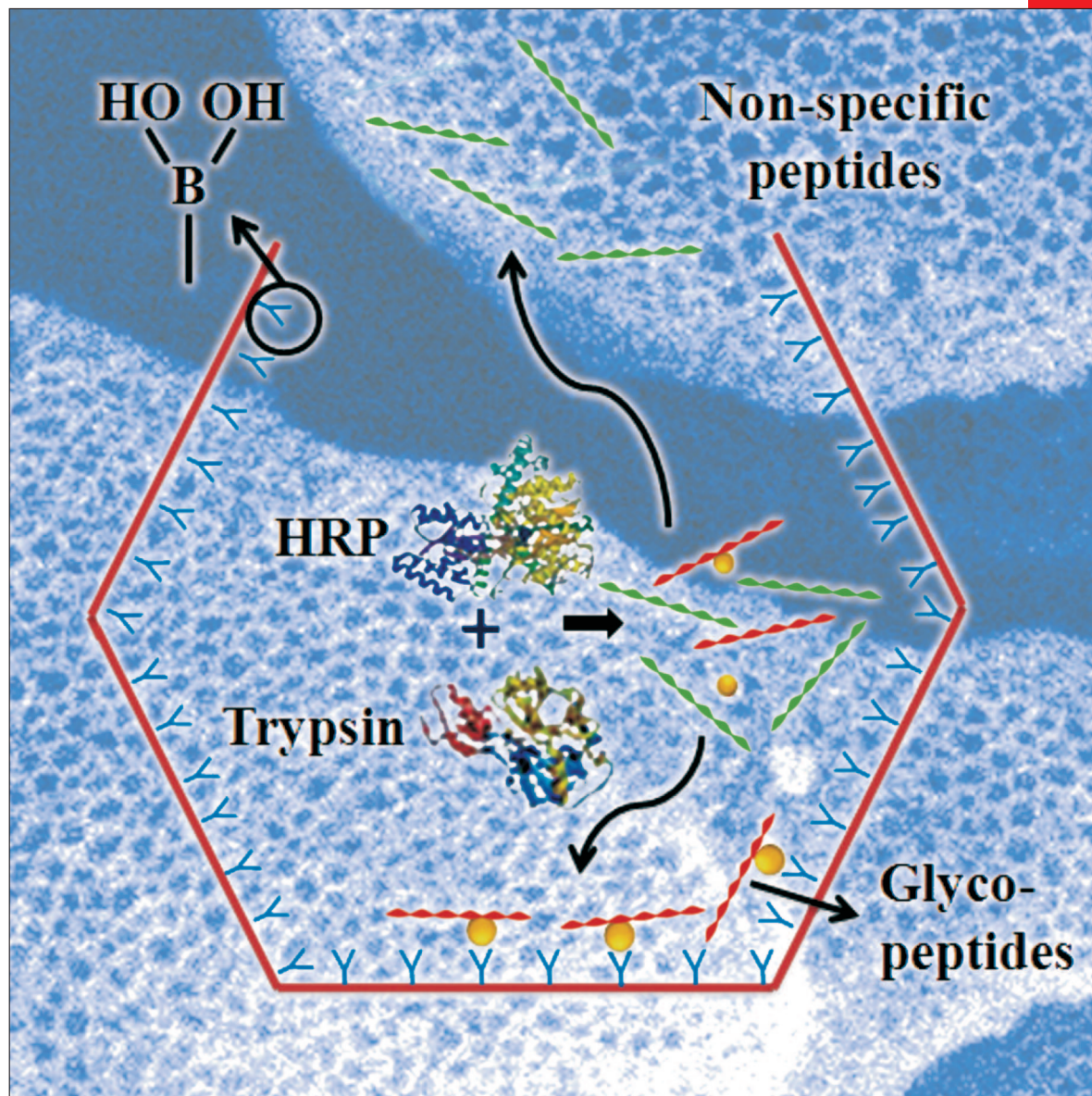


# CHEMISTRY

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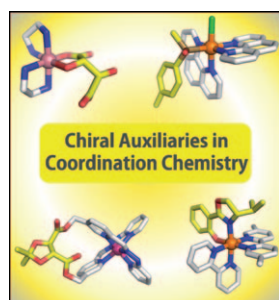
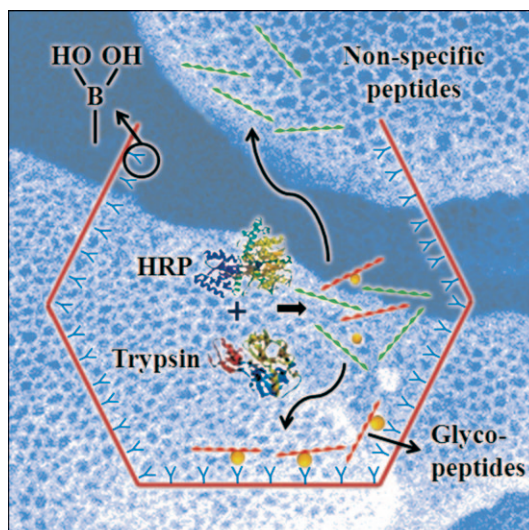
### Minireview

Chiral Auxiliaries as Emerging Tools for the Asymmetric Synthesis  
of Octahedral Metal Complexes

E. Meggers

WILEY-VCH

... for rapid nanodigestion and specific glycopeptide enrichment has been developed by B. Liu, C. Yu et al. Their Full Paper on page 822 ff., describes the rational functionalization of macroporous silica foam materials. The integrated system can achieve fast digestion, selective enrichment of targeted glycopeptides, and purification of non-glycopeptides simultaneously, which is advantageous with respect to the conventional multi-procedure and time-consuming techniques.



## Octahedral Metal Complexes

In the Minireview on page 752 ff., E. Meggers discusses the need to develop new methods for the stereocontrolled synthesis of octahedral metal complexes by using chiral auxiliaries. Such new methods will enable researchers to exploit the stereochemical richness of the octahedron, and will find applications in a variety of fields, such as catalysis, materials science, and life sciences.

## N-Heterocyclic Carbenes

In their Communication on page 771 ff., H. V. Huynh et al. report the first complexes of pyrazole-derived dicarbene ligands. Remote changes in the ligand topology four bonds away from the carbon donor have substantial influences on the nuclearity of the resulting complexes.

