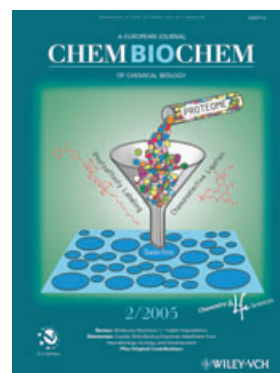


## Cover Picture

**Lluis Ballell, Kirstin J. Alink, Monique Slijper, Cees Versluis, Rob M. J. Liskamp, and Roland J. Pieters**

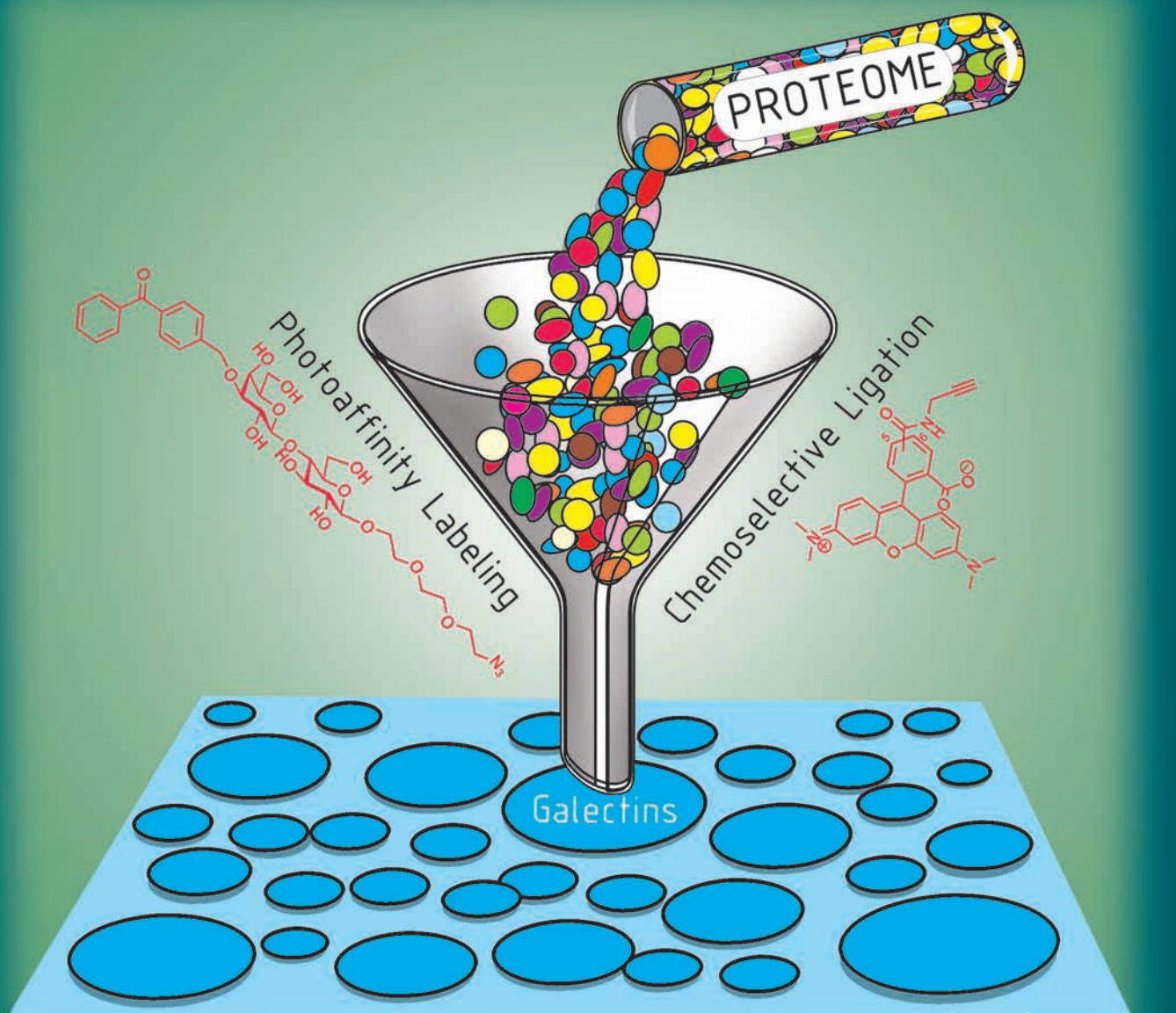
The cover picture shows how galectins are selected from a mixture of proteins by a novel probe. The probe noncovalently binds the medically relevant galectins, and its photoaffinity label covalently captures the protein. The captured protein is visualized by a fluorescent dye that is introduced by chemoselective 1,2,3-triazole formation or "click" chemistry. The methodology represents a step towards comparative quantification of the galectin amounts in proteomes, which is relevant, for example, for prognosis with respect to the malignancy of tissues. Despite the low affinities in protein–carbohydrate interactions, the probe shown is able to select the galectins from a mixture of four proteins. For more information, see the article by R. J. Pieters et al on p. 291 ff.



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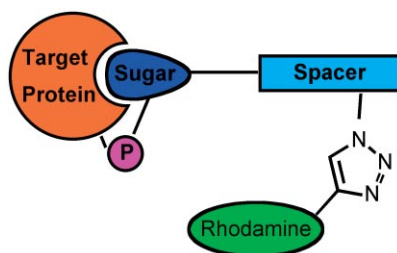
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*L. Ballell, K. J. Alink, M. Slijper, C. Versluis,  
R. M. J. Liskamp, R. J. Pieters\**

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**A New Chemical Probe for Proteomics  
of Carbohydrate-Binding Proteins**



**Selective capture of galectins**, while leaving other proteins untouched, was achieved by activating photoaffinity labels that were precisely positioned on noncovalently bound carbohydrate ligands. The labelled proteins were visualised in-gel by “clicking-on” a rhodamine moiety afterwards.