

Carbohydrate Research Vol. 405, 2015

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Special Issue: Glyconanomaterials

Guest Editors: Xuefei Huang and Joseph J. Barchi Jr.

Preface

Xuefei Huang, Joseph J. Barchi Jr.

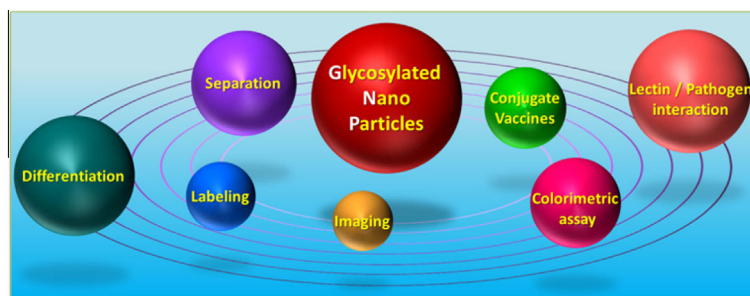
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REVIEW ARTICLE

Advances in multifunctional glycosylated nanomaterials: preparation and applications in glycoscience

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Avijit K. Adak, Ben-Yuan Li, Chun-Cheng Lin*

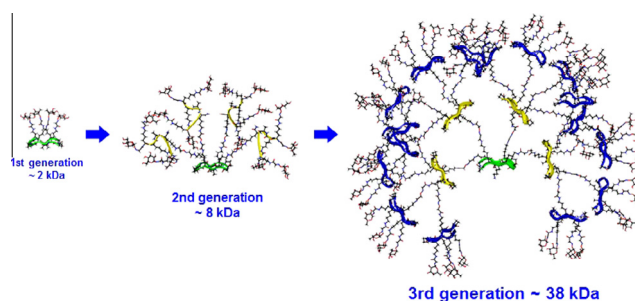


REGULAR ARTICLES

Multivalent glycocyclopeptides: toward nano-sized glycostructures

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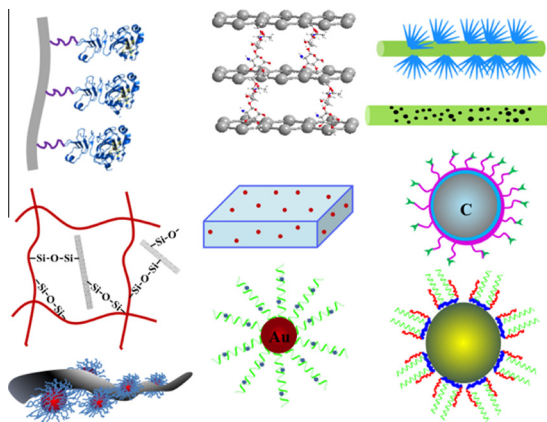
Gour Chand Daskhan, Nathalie Berthet, Baptiste Thomas, Michele Fiore, Olivier Renaudet*



Polysaccharide-based nanocomposites and their applications

Yingying Zheng*, Jonathan Monty, Robert J. Linhardt*

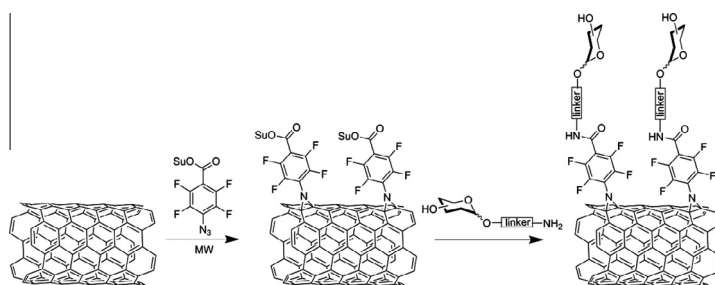
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Carbohydrate conjugation through microwave-assisted functionalization of single-walled carbon nanotubes using perfluorophenyl azides

Na Kong, Manishkumar R. Shimpi, Jae Hyeung Park, Olof Ramström*, Mingdi Yan*

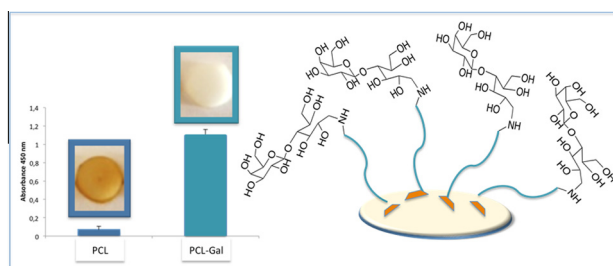
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Galactose grafting on poly(ε-caprolactone) substrates for tissue engineering: a preliminary study

Laura Russo, Teresa Russo, Chiara Battocchio, Francesca Taraballi, Antonio Gloria, Ugo D'Amora, Roberto De Santis, Giovanni Polzonetti, Francesco Nicotra, Luigi Ambrosio, Laura Cipolla*

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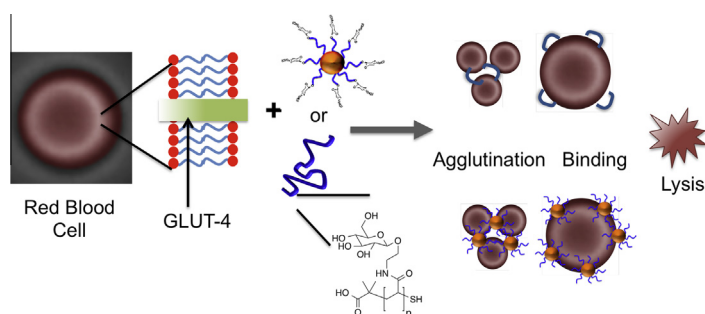
Designing smart biomaterials for tissue engineering: carbohydrate functionalized poly(ε-caprolactone) (by Laura Russo et al.).



Synthesis and characterisation of glucose-functional glycopolymers and gold nanoparticles: study of their potential interactions with ovine red blood cells

Laura E. Wilkins, Daniel J. Phillips, Robert C. Deller, Gemma-Louise Davies, Matthew I. Gibson*

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