

## SCIENTIFIC PUBLICATIONS 2000 – 2006

### Scientific publications 2000

#### J.P. Kamerling

##### [Pneumococcal polysaccharides: A chemical view](#)

*Streptococcus pneumoniae* - Molecular Biology & Mechanisms of Disease (A. Tomasz, ed.), Mary Ann Liebert, Inc., Larchmont, NY, USA (2000) pp. 81-114

##### [D.C. van Setten, G. Zomer, G. van de Werken, E.J.H.J. Wiertz, B.R. Leeftang and J.P. Kamerling Ion trap multiple-stage tandem mass spectrometry as a pre-NMR tool in the structure elucidation of saponins](#)

Phytochem. Anal. 11 (2000) 190-198

##### [C.J.M. Stroop, W. Weber, M. Nimtz, R. Gutiérrez Gallego, J.P. Kamerling and J.F.G. Vliegthart Fucosylated hybrid-type N-glycans on the secreted human epidermal growth factor receptor from swainsonine-treated A431 cells](#)

Arch. Biochem. Biophys. 374 (2000) 42-51

##### [Y.E.M. van der Burgt, J. Bergsma, I.P. Bleeker, P.J.H.C. Mijland, A. van der Kerk-van Hoof, J.P. Kamerling and J.F.G. Vliegthart](#)

[Distribution of methyl substituents in amylose and amylopectin from methylated potato starches](#)  
Carbohydr. Res. 325 (2000) 183-191

##### [H.J. Vermeer, J.P. Kamerling and J.F.G. Vliegthart](#)

[Synthesis and conjugation of a sulfated disaccharide involved in the aggregation process of the marine sponge \*Microciona prolifera\*](#)

Tetrahedron: Asymmetry 11 (2000) 539-547

##### [J.L. Jiménez Blanco, J.J.M. van Rooijen, P.J.A. Erbel, B.R. Leeftang, J.P. Kamerling and J.F.G. Vliegthart](#)

[Conformational analysis of the Sd<sup>a</sup> determinant-containing tetrasaccharide and two mimics in aqueous solution by using <sup>1</sup>H NMR ROESY spectroscopy in combination with MD simulations](#)

J. Biomol. NMR 16 (2000) 59-77

##### [D.J. Lefeber, J.P. Kamerling and J.F.G. Vliegthart](#)

[The use of diazabicyclo\[2.2.2\]octane as a novel highly selective dechloroacetylation reagent](#)

Org. Lett. 2 (2000) 701-703

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[Structural studies on methylated starch granules](#)

Starch/Stärke 52 (2000) 40-43

##### [C.M. De Praeter, G.J. Gerwig, E. Bause, L.K. Nuytinck, J.F.G. Vliegthart, W. Breuer, J.P. Kamerling, M.F. Espeel, J.-J.R. Martin, A.M. De Paepe, N. Wen Chun Chan, G.A. Dacremont and R.N. Van Coster](#)

[A novel disorder caused by defective biosynthesis of N-linked oligosaccharides due to glucosidase I deficiency](#)

Am. J. Hum. Genet. 66 (2000) 1744-1756

##### [H.J. Vermeer, K.M. Halkes, J.A. van Kuik, J.P. Kamerling and J.F.G. Vliegthart](#)

[Synthesis and conjugation of oligosaccharide fragments related to the immunologically reactive part of the circulating anodic antigen of the parasite \*Schistosoma mansoni\*](#)

J. Chem. Soc., Perkin Trans. 1 (2000) 2249-2263

##### [P.J.A. Erbel, Y. Karimi-Nejad, J.A. van Kuik, R. Boelens, J.P. Kamerling and J.F.G. Vliegthart Effects of the N-linked glycans on the 3D structure of the free \$\alpha\$ -subunit of human chorionic gonadotropin](#)

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[Substituent distribution in highly branched dextrans from methylated starches](#)  
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S.J.F. Vincent, E.J. Faber, J.-R. Neeser, F. Stingele and **J.P. Kamerling**  
[Structure and properties of the exopolysaccharide produced by \*Streptococcus macedonicus\* Sc136](#)  
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Glycoconjugate J. 18 (2001) 539-546

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