

## References

### Description

Berger, O., McBride, R., Razi, N. & Paulson, J. (2008) "Symbol Notation Extension for Pathogen Polysaccharides", The Scripps Research Institute, Consortium for Functional Glycomics.

Bijvoet, J.M., Peerdeman, A.F. van Bommel, A.J. (1951) "Determination of the Absolute Configuration of Optically Active Compounds by Means of X-rays", *Nature*, 168, 271-272.

Consortium for Functional Glycomics : <http://www.functionalglycomics.org>

Engelsen, S.B., Hansen, P.I., Perez, S. (2013) POLYS 2.0 : An open source software package for building three-dimensional structures of polysaccharides, *Biopolymers*.

Fischer, E., (1890) *Synthesen in der Zuckergruppe*, *Ber. Dtsch. Chem. Ges.*, 23, 2114-2141

Glyco3D, A Site for Glycosciences : <http://www.glyco3d.cermav.cnrs.fr>

International Union of Pure and Applied Chemistry (IUPAC) Nomenclature Home Page ; <http://www.chem.qmw.ac.uk/iupac>

International Union of Biochemistry and Molecular Biology (IUBMB) Nomenclature Home Page ; <http://www.chem.qmw.ac.uk/iubmb>

Kamerling, J.P. (2007) Basic Concepts and Nomenclature Recommendations in Carbohydrate Chemistry, in *Comprehensive Glycosciences, From Chemistry to System Biology*, Vol. 1, pp. 1-37, Kamerling, J.P., Ed., Elsevier.

Lichtenthaler, F.W. (2002) Emil Fischer, His Personality, His Achievements, and his Scientific Progeny, *Eur. J. Org. Chem.*, 24, 4095-4122.

McNaught, A. (1997) Nomenclature of Carbohydrates (Recommendations 1996). *Adv. Carbohydr. Chem. Biochem.*, 52, 43-177 ; International Union of Pure and Applied Chemistry and International Union of Biochemistry and Molecular Biology. Joint Commission on Biochemical Nomenclature. Nomenclature of Carbohydrates. *Carbohydr. Res.*, 297, 1-92.

Michell, E.P., Sabin, C., Snajdrova, L., Budova, M., Perret, S., Gautier, C., Hofr, C., Gilboa-Garber, N., Koca, J., Wimmerova, M., Imberty, A. (2005) High-Affinity Fucose Binding of PA-IIL 1.0 Ang. Resolution Crystal Structure of the Complex Combined with Thermodynamics and Computational Chemistry Approaches, *Proteins. Struct. Funct. Bio info*, 58, 735-746.

S. Perez & K.F. Aoki-Kinoshita (2017) Development of Carbohydrate Nomenclature and Representation, in *A Practical Guide to Using Glycomics Databases*, 7-25,

Varki, A. (2008) Historical Background, and Overview, in *Essentials of Glycobiology*, (2nd edition, pp.

784. Varki, A., Cummings, R.D., Esko, J.D., Freeze, H.H., Hart, G.W., Etzler, M.E., eds., Cold Spring Harbor Laboratory Press.

A. Varki, R.D. Cummings, M. Aebi, N.H. Parker, P.H. Seeberger, J.D. Esko, P. Stanley, G. Hart, A. Darvill, T. Kinoshita, J.J. Prestegard, R.L. Schnaar, H.H. Freeze, J.D. Marta, C.R. Bertozzi, M.E. Etzler, M. Frank, J.F.G. Vlighhart, T. Lutteke, S. Perez, E. Bolton, P. Rudd, J. Paulson, M. Kanehisa, P. Toukach

K.F. Aoki-Kinoshita, A. Dell, H. Narimatsu, W. Yor, N. Tanigichi & S. Korfeld (2016) Symbol Nomenclature for Graphical Representation of Glycans, *Glycobiology*, 25, 1323-1234,

Werz, D.B., Ranzinger, R., Herget, S., Adibekian, A., von der Lieth, C.-W., Seeberger, P.H. (2007) Exploring the Structural Diversity of Mammalian Carbohydrates (“Glycospace”) by Statistical DataBank Analysis, *ACS Chemical Biology*, 2, 685-691.