

### Absolute Configuration

### Description

From Fischer, Bijvoet â?¦.

## The problem of absolute configuration

Fischer (1891)



Bijvoet (1951)

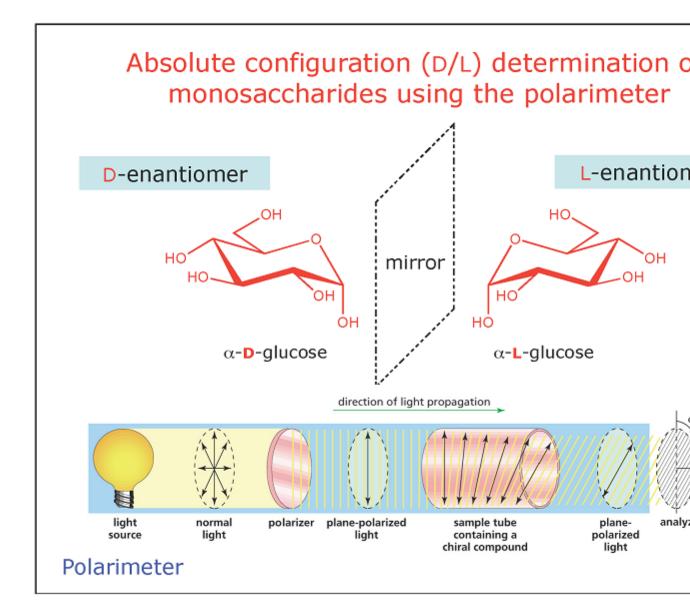
Solving the problems of the absolute configuration via crystallographic studies

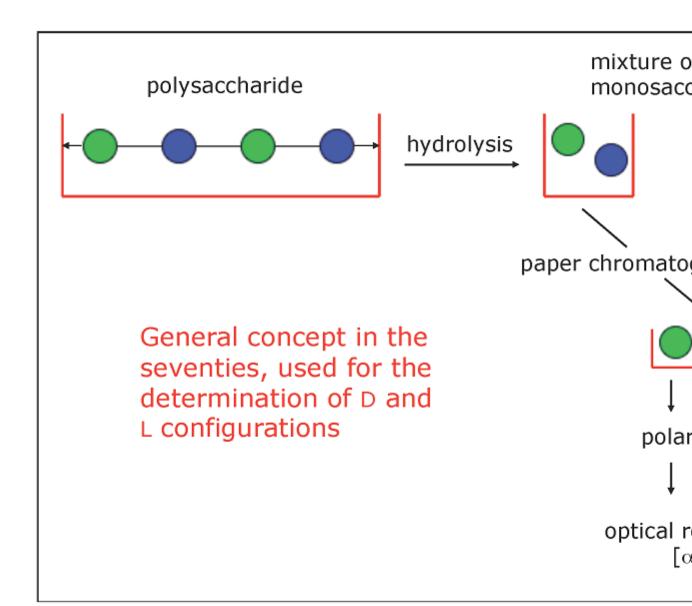
Fischer made the right choice that "dextrorotary glucose = D-glucose".

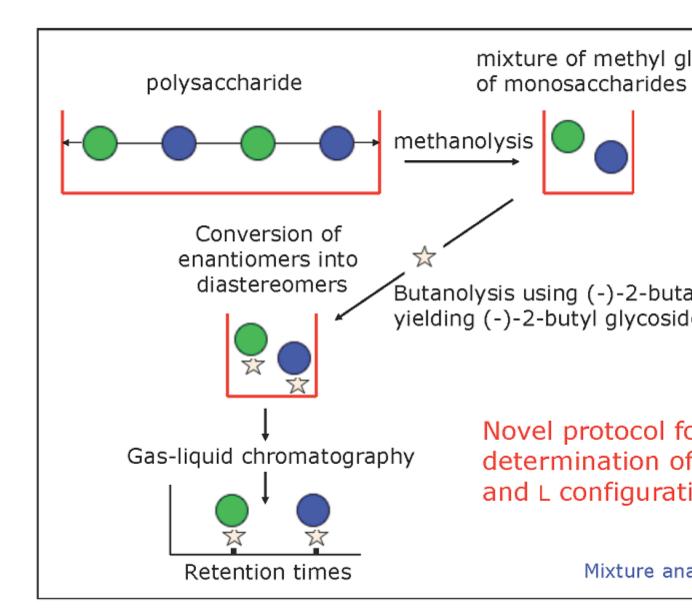
# About the configuration of glucose isomers:

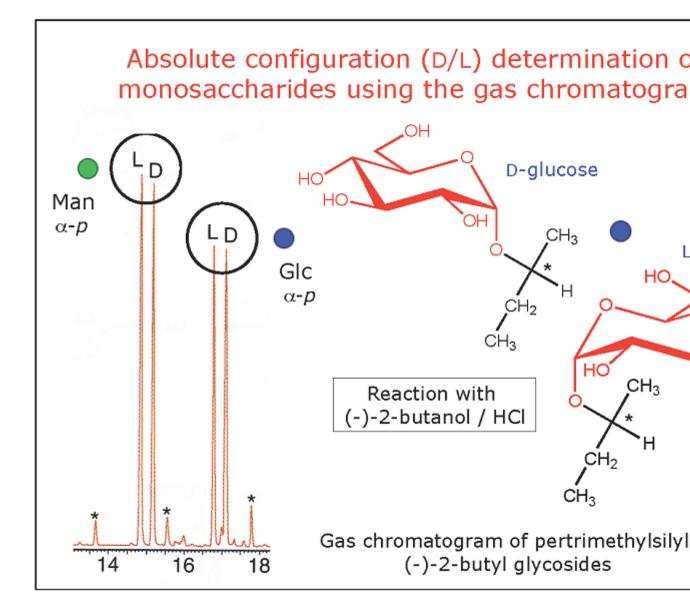
"As all observations made so far for carbare in such a good agreement with the acarbon atom theory, it will be allowable already now to utilize this theory as a baclassification of these substances."

One problem, he could not solve was the absolute configuration of the compounds made a choice in correlating optical rota absolute configurations [(+)/(-) are phy and D/L stem from a theoretical agreem

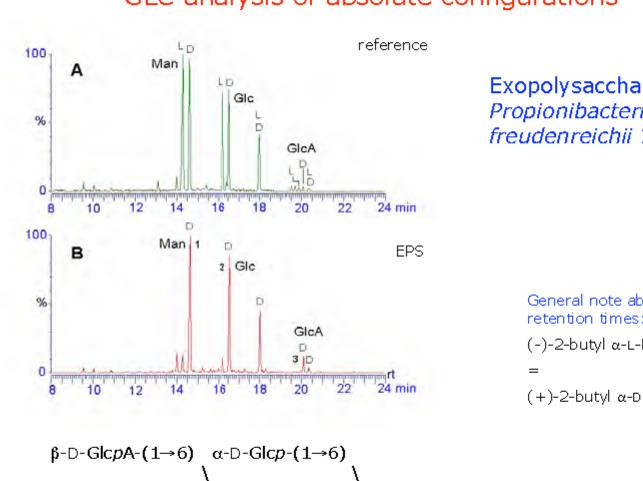












 $[\rightarrow 3)$ - $\alpha$ -D-Manp- $(1\rightarrow 3)$ - $\alpha$ -D-Manp- $(1\rightarrow 3)$ - $\alpha$ -D-Glcp- $(1\rightarrow)$ <sub>n</sub>



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#### DETERMINATION OF THE b AND L CONFIGURATION OF N MONOSACCHARIDES BY HIGH-RESOLUTION CAPILLARY G.L

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Gerrit Gerwig

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## DETERMINATION OF THE ABSOLUTE CONFIGURATION OF SACCHARIDES IN COMPLEX CARBOHYDRATES BY CAPILLARY

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#### Category

1. News