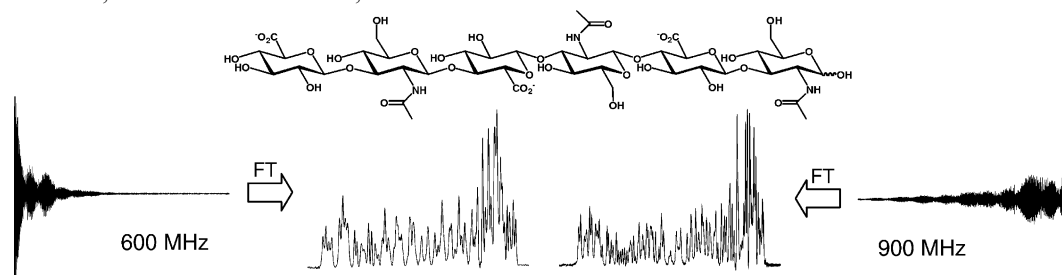


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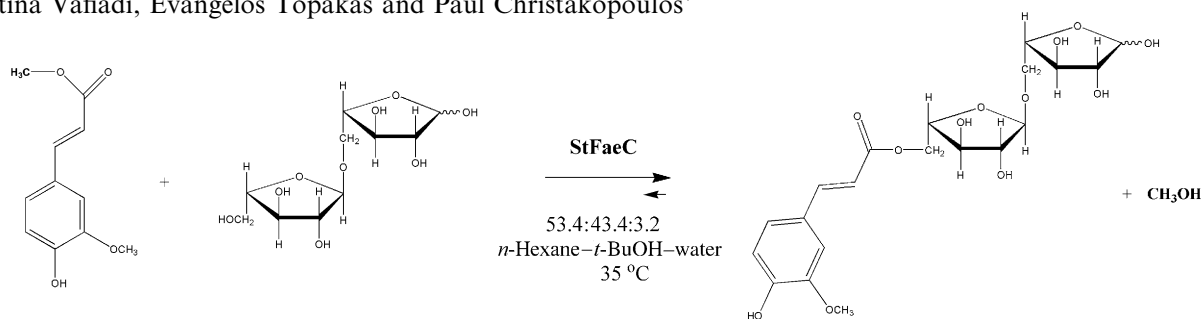
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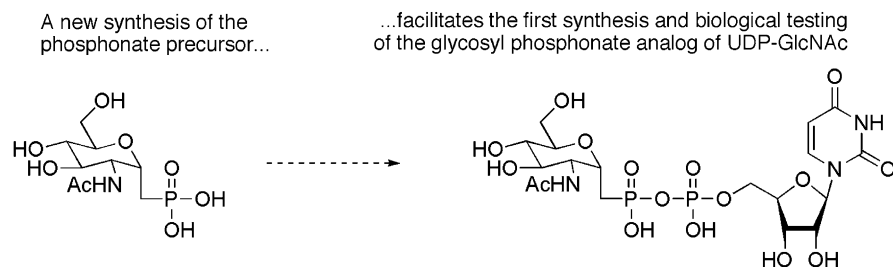
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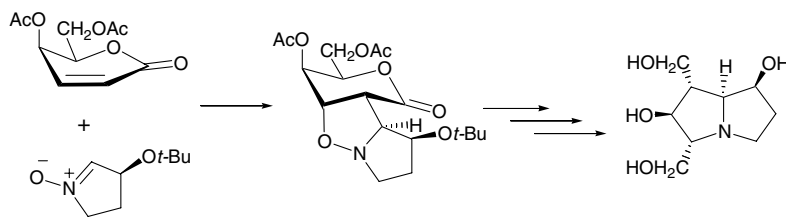
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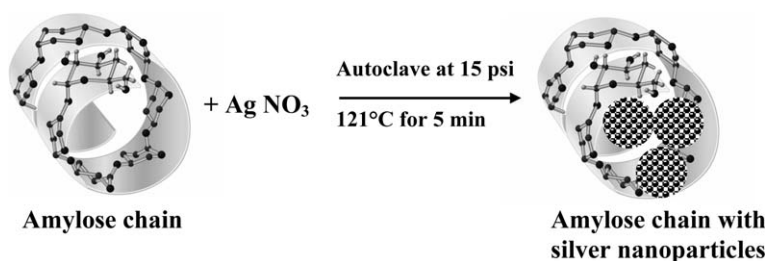
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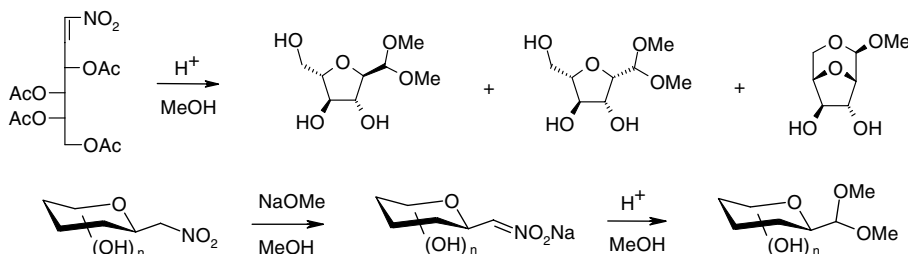
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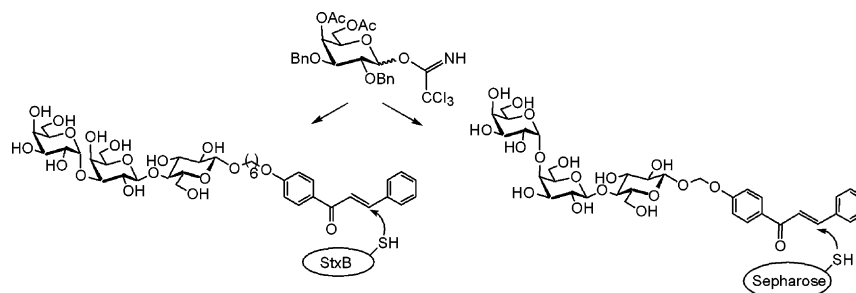
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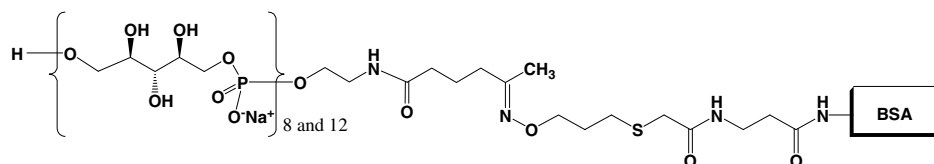
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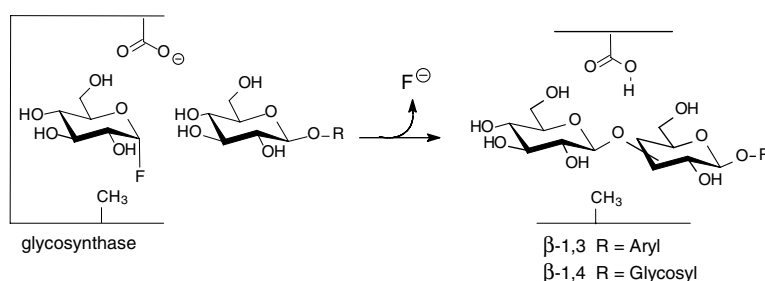
<i>Bacillus amyloliquefaciens</i> α-amylase w/ PEG 1.0K			Porcine pancreatic α-amylase w/ PEG 1.5K		
Order	Starches	U <sup>a</sup> /mL	Order	Starches	U <sup>a</sup> /mL
1	Tapioca	1103	1	Shoti	3462
2	Potato	822	2	Potato	3152
3	Shoti	802	3	Tapioca	2450
4	Waxy maize	593	4	Waxy maize	1330
5	Wheat	501	5	Rice	890
6	Rice	455	6	Wheat	864
7	Amylomaize-VII	404	7	Amylomaize-VII	858
8	Maize	355	8	Maize	824

<sup>a</sup> One unit (U) = 1.0 μmol of α-(1→4)-glucosidic bonds hydrolyzed per minute.

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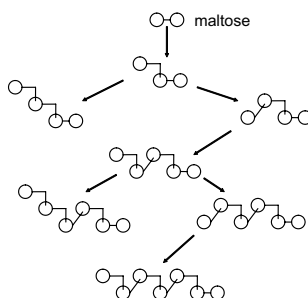
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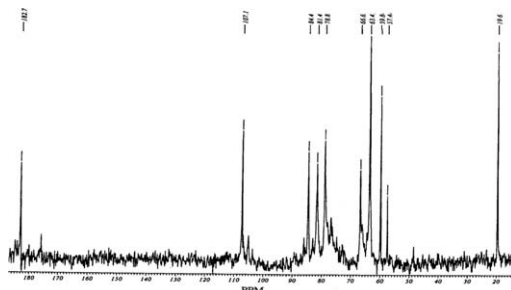
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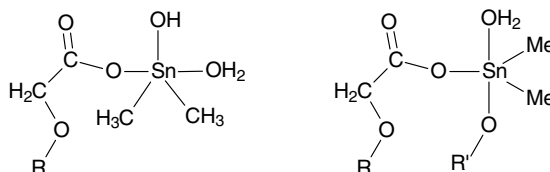
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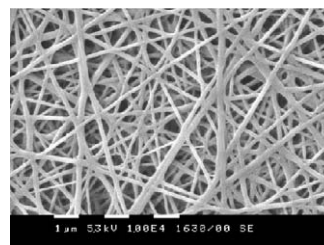
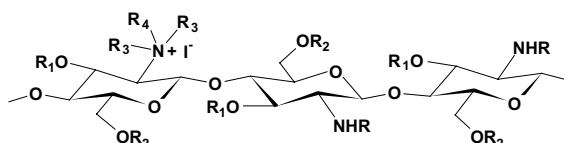
Moshe Shemesh, Avshalom Tam, Mark Feldman and Doron Steinberg\*

D-Glucitol and D-mannitol, which are considered as noncariogenic sugar substitutes, may indirectly affect caries by promoting biofilm formation via enhanced expression of *gtfs* and *ftf* in *Streptococcus mutans*.



**Electrospun nano-fibre mats with antibacterial properties from quaternised chitosan and poly(vinyl alcohol)** pp 2098–2107

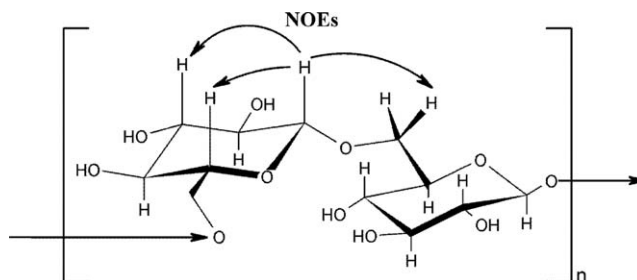
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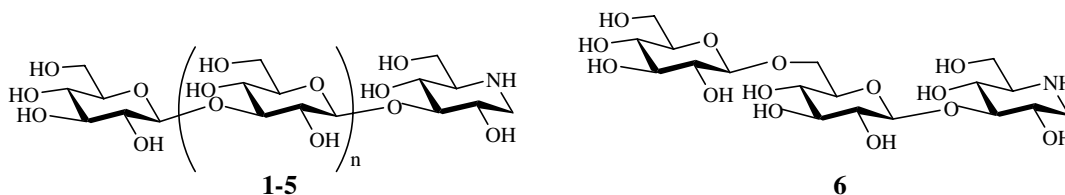
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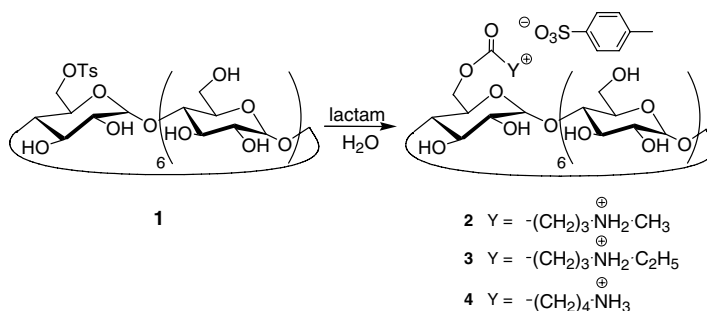
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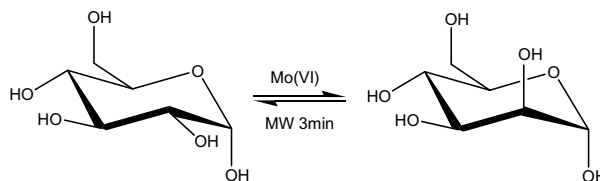
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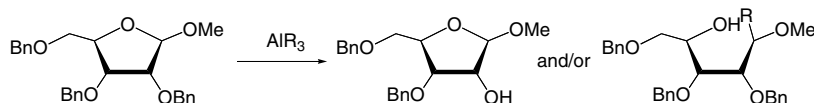
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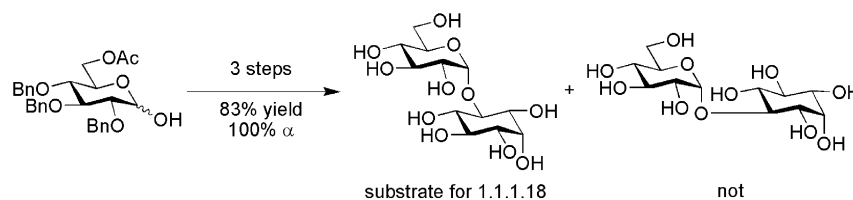
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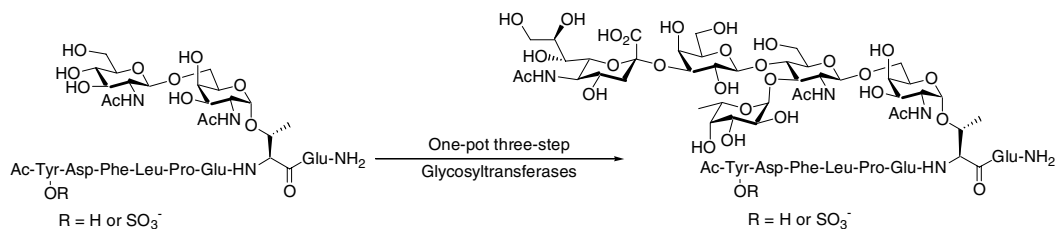
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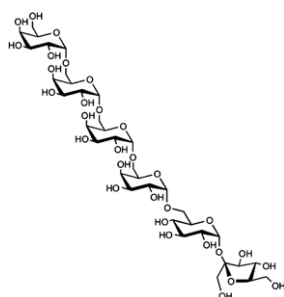
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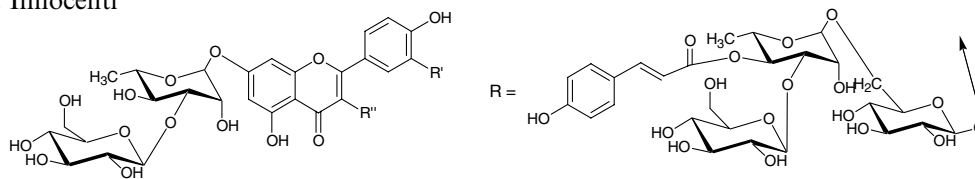
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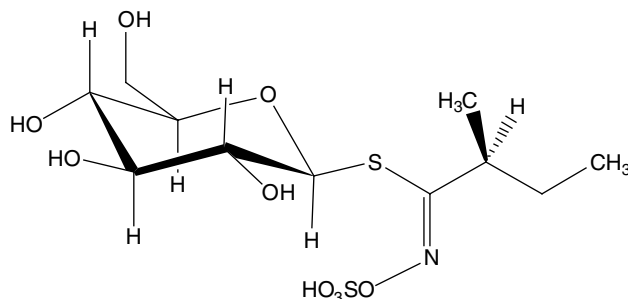


- 1: R' = H, R'' = R  
 2: R' = OH, R'' = R  
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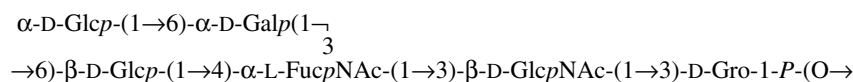
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\*Corresponding author

 Supplementary data available via ScienceDirect

## COVER

Image represents a key process of malaria parasites multiplying in, and rupturing from the human blood cell. The parasite surface is coated with glycosylphosphatidylinositols (GPIs), which have been identified as the malaria toxin by a collaborative effort between the research groups headed by Peter Seeberger (Swiss Federal Institute of Technology (ETH) Zürich, Switzerland) and Louis Schofield (Walter and Eliza Hall Institute of Medical Research, Australia). The space filling model represents the native GPI molecule from malaria parasite that has been chemically synthesized by the Seeberger group. Professor Peter Seeberger was presented with the Carbohydrate Research Award at the 13th European Carbohydrate Symposium (Bratislava, 2005).

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