

XYLANASES AND PULLULANASES AND THEIR APPLICATIONS IN FOOD TECHNOLOGY



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OBJECTIVES

- Add applications in the food industry of xylanases in Viquipèdia.
- Create an article in Viquipèdia about pullulanases and their applications in the food industry.

Xylanases

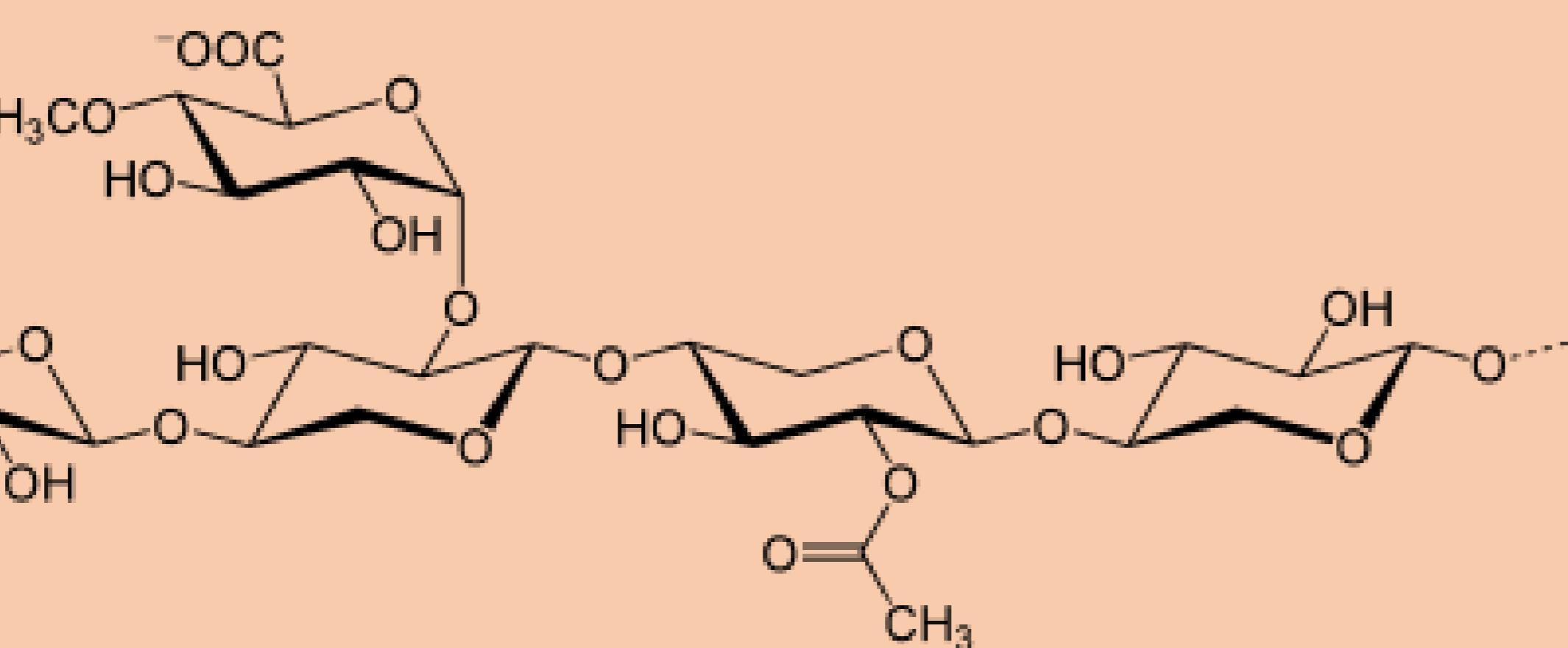


Figure 1: Structure of xylan (Wikimedia Commons)

Pullulanases

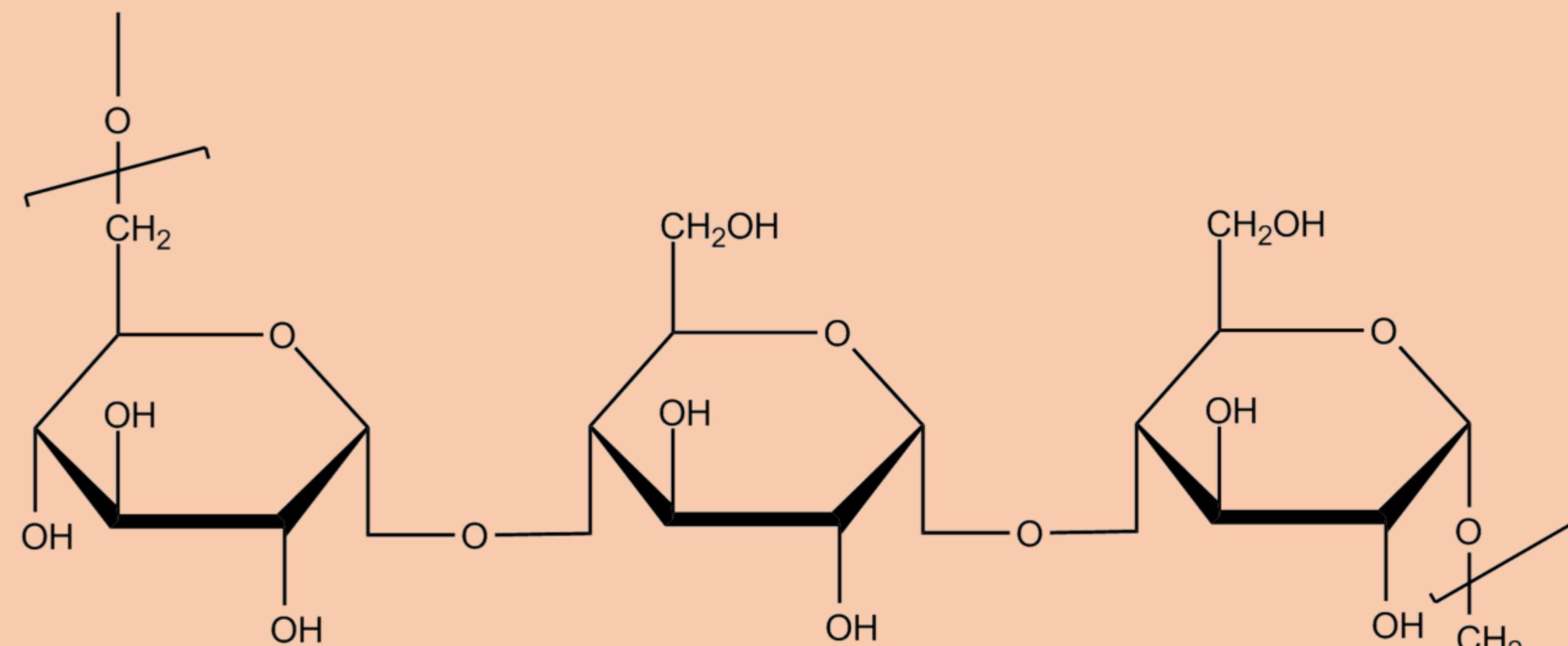


Figure 2: Structure of pullulan (Wikimedia Commons)

APPLICATIONS

Bakery industry	
Alcoholic beverages	
Nutritional improvement	
Clarification of juice	Processing of starch
Animal feed	Production of cyclodextrins
Production of sweetener	
Vegetable oils	

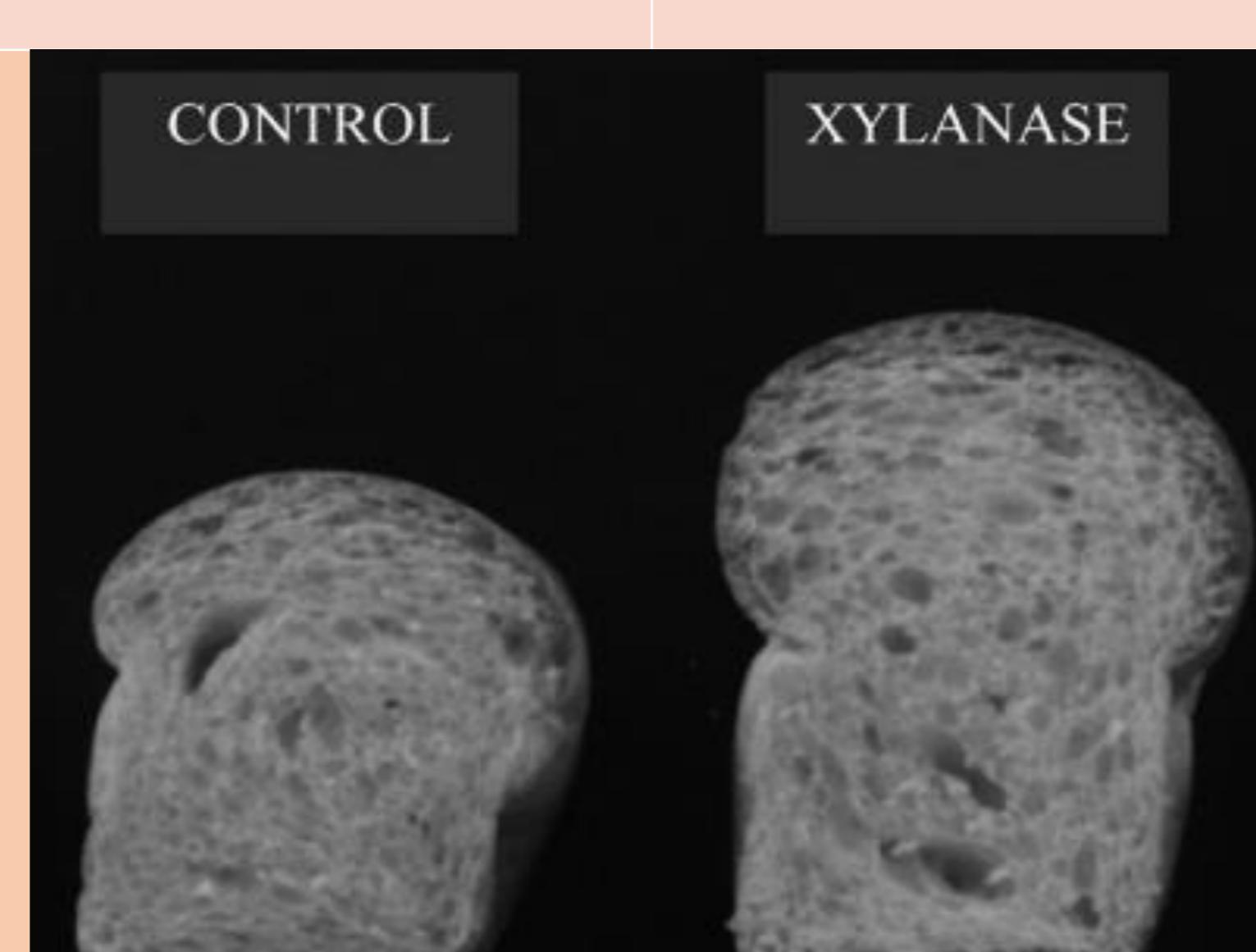


Figure 3: Effect of the PoXyn2 xylanase on whole wheat bread.
(Driss et al. 2013)

CONCLUSIONS

- <https://ca.wikipedia.org/wiki/Xilanasa>
- <https://ca.wikipedia.org/wiki/Pullulanase>