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Authors: Hamung Patel, Paul G. Royall, Simon Gaisford, Gareth R. Williams, Cathrina H. Edwards, Frederick J. Warren, Bernadine M. Flanagan, Peter R. Ellis, Peter J. Butterworth



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Structural and enzyme kinetic studies of retrograded starch: Inhibition of α -amylase and consequences for intestinal digestion of starch

Hamung Patel[†], Paul G. Royall[‡], Simon Gaisford[§], Gareth R. Williams[§], Cathrina H. Edwards^{†*}, Frederick J. Warren^{*,#}, Bernadine M. Flanagan[#], Peter R. Ellis[†], Peter J. Butterworth[†]

[†]*King's College London, Faculty of Life Sciences and Medicine, Diabetes and Nutritional Sciences Division, Biopolymers Group, Franklin-Wilkins Building, 150 Stamford Street, London SE1 9NH, United Kingdom*

[‡]*King's College London, Faculty of Life Sciences and Medicine, Institute of Pharmaceutical Science, Drug Delivery Group, Franklin-Wilkins Building, 150 Stamford Street, London SE1 9NH, United Kingdom*

[§]*UCL School of Pharmacy, University College, London, 29-39 Brunswick Square, London WC1N 1AX, United Kingdom*

^{*}*Institute of Food Research, Norwich Research Park, Colney, Norwich NR4 7UA, United Kingdom*

[#]*Excellence in Plant Cell Walls, Centre for Nutrition and Food Sciences, Queensland Alliance for Agriculture and Food Innovation, University of Queensland, St. Lucia, Brisbane, QLD 4072, Australia*

Corresponding Author

Dr P.J. Butterworth: E-mail: peter.butterworth@kcl.ac.uk.
Tel.: +44 (0)20 7848 4592.

Highlights

- Amylase catalytic efficiency and starch digestibility decrease as starch retrogrades
- Retrograded starch binds to amylase and inhibits catalytic activity
- Amylase inhibition has important implications for slowly digestible starch design

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