Instruction for Authors

Scope

Amylase is an international peer-reviewed open access journal that publishes top-quality original research, insightful reviews and hot news in the field of amylolytic and related enzymes in its widest sense. In general, any work focused on cloning and sequencing, expression and biochemical characterization, tertiary structure determination, structure/function relationships and protein design, as well as the evolution of starch hydrolases and related alpha-glucan active enzymes with the emphasis on their application in biotechnology and medicine, will be considered. With respect to the well-established sequence-based classification of glycoside hydrolases (GH) within the CAZy database, any members of the GH families/clans of alpha-amylase (i.e. various hydrolases, transferases and isomerases), beta-amylase and glucoamylase are relevant to submit; the alpha-glucosidases from related GH families are also of relevance. In addition, the studies based on the non-catalytic domains, especially starch-binding domains classified in CAZy under the carbohydrate-binding module (CBM) families, are also within the scope of the journal. Finally, a space is also offered to inhibitory studies of amylolytic enzymes.

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M. Dzierzanowski, Horyzonty, Wprost, 8 July 2007, 18 (in Polish)

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