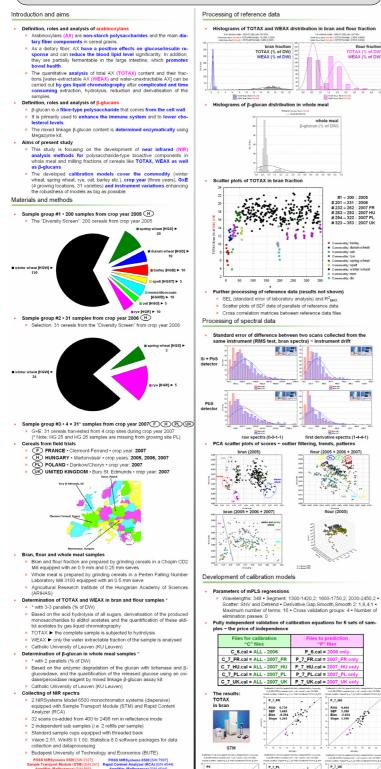
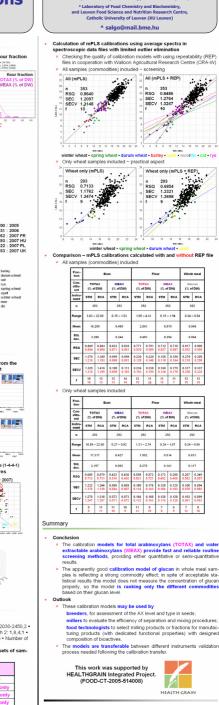
Determination of arabinoxylans and beta-glucans in cereals and their fractions with NIR techniques





S. Gergely,¹ K. Gebruers,² C.M. Courtin,²

J.A. Delcour² and A. Salgó¹

¹ Department of Applied Biotechnology and Food Science, Budapest University of Technology and Economics (BUTE)

- 2005-07 (583) silv: 334"3531 = 352"5;5"tecmato; 2,0814; 0,4800 = 252"5;5"tecmato; 8,5793; 0,2936

TOTAL PL

#1 - 200 # 201 - 231 # 232 - 262 # 263 - 293 # 294 - 322 # 323 - 353

800 800 800

first derivative spectra (1-4-4-1)

ng, trends, patterns

flour (2005 + 2006 + 2007)

C. Maria

flour (2005)

1111111 19

P 6.cal =

P 7 HU

P 7 UK

RSQ 0.721 SEP 0.913 Bias -0.048 Slope 0.682

RSQ 0.711 SEP 2.214 Blas 1.265 Slope 1.335 1 RSQ 0.864 SEP 1.390 Bias -1.054 Slope 1.190

1.

; ; **;** ; .

A R

eal



The 14th International Conference on Near Infrared Spectroscopy Amari Watergate Hotel and Spa, Bangkok, Thailand November 9-13, 2009

RSO 0.737 SEP 1.290 Bias -0.050 Slope 0.719

i.