

## Publications R. Wind

- Oozeer, R., Limpt, K. van, Ludwig, T., Ben Amor, K., Martin, R., Wind, R.D., Boehm, G., Knol, J. (2013). Intestinal microbiology in early life: special prebiotics can have similar functionalities as human milk oligosaccharides. *Am J Clin Nutrition* accepted.
- Boesten, R.J., Schuren, F.H.J., Wind, R.D., Knol, J., Vos, W. de. (2011). Analysis of infant isolates of *Bifidobacterium breve* by comparative genome hybridization indicates the existence of new subspecies with marked infant-specificity. *Research in Microbiology*. 162. 664-670. 10.1016/j.resmic.2011.06.008
- Wind, R.D., Tolboom, H., Klare, I., Huys, G., Knol, J. (2010). Tolerance and safety of potentially probiotic strain *L. rhamnosus* PRSF-L477: a randomized, double-blind, controlled trial in healthy volunteers. *Br J Nutr*. 104(12). 1806-1816. 10.1017/S0007114510002746
- Vankerckhoven, V., Minalu Ayele, G., Hens, G., Aerts, M., Autgaerden, T. van, Ooms, B., Wind, R.D., Knol, J., Huys, G., Molenberghs, G., Goossens, H. (2009). *Critical assessment of experimental factors in testing adhesion capacity of Lactobacillus rhamnosus and Lactobacillus paracasei to human cell lines*. Submitted.
- Boehm, G., Wind, R.D., Knol, J. (2009). Prebiotics and probiotics in infant formulae. In S. Sungsoo Cho and T Finocchiaro (eds), *Handbook of prebiotics and probiotics ingredients: health benefit and food applications*. Taylor and Francis group, LCC.
- Vankerckhoven, V., Vael, C., Huys, G., Vancanneyt, M., Klare, I., Romond, M-B., Entenza, J.M., Moreillon, P., Wind, R.D., Knol, J., Wiertz, E., Pot, B., Vaughan, E., Kahlmeter, G., Goossens, H. (2008). Biosafety assessment of probiotics used for human consumption: Recommendations from the EU-PROSAFE project. *Food Science & Technology*. 19(2). 102-114. 10.1016/j.tifs.2007.07.013
- Werten, M.W.T., Bosch, T.J. van den, Wind, R.D., Mooibroek, H., Wolf, F.A. de. (1999). High-yield secretion of recombinant gelatins by *Pichia pastoris*. *Yeast*. 15(11). 1087-1096. 10.1002/(SICI)1097-0061(199908)15:11<1087::AID-YEA436>3.0.CO;2-F
- Wind, R.D., Uitdehaag, J.C., Buitelaar, R.M., Dijkstra, B.W., Dijkhuizen, L. (1998) Engineering of cyclodextrin product specificity and pH optima of the thermostable cyclodextrin glycosyltransferase from *Thermoanaerobacterium thermosulfurigenes* EM1. *J Biol Chem*. 273(10). 5771-5779. 10.1074/jbc.273.10.5771
- Wind, R.D., Buitelaar, R.M., Dijkhuizen, L. (1998). Engineering of factors determining  $\alpha$ -amylase and cyclodextrin glycosyltransferase specificity in the cyclodextrin glycosyltransferase from *Thermoanaerobacterium thermosulfurigenes* EM 1. *Eur J Biochem*. 253. 598-605. 10.1046/j.1432-1327.1998.2530598.x
- Wind, R.D., Uitdehaag, J., Lucas, J., Buitelaar, N., Dijkhuizen, L. (1997). Upgrading of agricultural wastes: Production of new thermostable starch-degrading enzymes, Med Fac Landbouww Univ Gent 62/4a: 1217-1220
- Wind, R.D. (1997) *Starch-converting enzymes from thermophilic microorganisms*, PhD thesis, ISBN 90-9010859-9, Ponsen & Looijen BV, Wageningen, The Netherlands
- Knegt, R.M.A., Wind, R.D., Rozeboom, H.J., Kalk, K.H., Buitelaar, R.M., Dijkhuizen, L., Dijkstra, B.W. (1996). Crystal structure at 2.3 Å resolution and revised nucleotide sequence of the thermostable cyclodextrin glycosyltransferase from *Thermoanaerobacterium thermosulfurigenes* EM1. *J Mol Biol*. 256(3). 611-622. 10.1006/jmbi.1996.0113
- Wind, R.D., Liebl, W., Buitelaar, R.M., Penninga, D., Spreinat, A., Dijkhuizen, L., Bahl, H. (1995). Cyclodextrin formation by the thermostable  $\alpha$ -amylase of *Thermoanaerobacterium thermosulfurigenes* EM 1 and reclassification of the enzyme as a cyclodextrin glycosyltransferase. *Appl Environ Microb*. 61(4). 1257-1265.
- Wind, R.D., Buitelaar, R.M., Eggink, G., Huizinga, H.J., Dijkhuizen, L. (1994). Characterization of a new *Bacillus stearothermophilus* isolate: a highly thermostable  $\alpha$ -amylase-producing strain. *Appl Microbiol Biotechnol*. 41. 155-162. 10.1007/BF00186953
- Wijngaard, A.J. van den, Wind, R.D., Janssen, D.B. (1993). Kinetics of bacterial growth on chlorinated aliphatic compounds. *Appl Environ Microb*. 59. 2041-2048.

## Patenten

- Van Heerde GV, van Rijn AC, Bouwstra JB, de Wolf FA, Mooibroek A, Werten MWT, Wind RD, van den Bosch TJ (1999) *Silver halide emulsions with recombinant collagen suitable for photographic application and also the preparation thereof*, European patent no. EP 0926543
- Van Heerde GV, van Rijn AC, Bouwstra JB, de Wolf FA, Mooibroek A, Werten MWT, Wind RD, van den Bosch TJ (2000) *Silver halide emulsions with recombinant collagen suitable for photographic application and also the preparation thereof*, US patent no. 6,150,081
- Veiga P, Oozeer R, Roy K, Cools-Portier, Teissier A, Rondeau P, Guyonnet D, Wind RD (2009) *Use of Collinsella aerofaciens for reducing bloating* PCT/IB2009/005735
- Knol J, Wind RD, Ben Amor K (2010) *Treatment of gut motility disorders*, WO/2010/008278, PCT/NL2009/050426