

Publicaties van R. Wind

- Oozer, 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)15:113.O.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 α -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
- Knegtel, 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 α -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 α -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, Wertens 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, Wertens 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
- Heshof, R., Visscher, B., van de Zilver, E., van de Vondervoort, R., van Keulen, F., Delahaije, R. J., & Wind, R. D. (2020). Production of tailor-made enzymes to facilitate lipid extraction from the oleaginous yeast *Schwanniomyces occidentalis*. *Amb Express*, 10(1), 1-11.
- Oozeer R, van Limpt K, Ludwig T, Ben Amor K, Martin R, Wind RD, ... & J Knol J (2013). Intestinal microbiology in early life: specific prebiotics can have similar functionalities as human-milk oligosaccharides-. *The American journal of clinical nutrition*, 98(2), 561S-571S