



“OPORTUNIDAD Y DESAFÍO DEL DESARROLLO SOSTENIBLE: EL FUTURO DE LA INNOVACIÓN AGROINDUSTRIAL DE LA REGIÓN”

29 y 30 de octubre - Federación Económica de Tucumán - Tucumán – Argentina

CURRICULUM VITAE

Name: Ruud A. Weusthuis

Date of birth: December 4, 1965

Current position: Assistant Professor

Nationality: Dutch

Fields of Expertise:

- Microbial processes
- Microbial Physiology
- Redox metabolism
- Fermentation technology

QUALIFICATIONS:

-1989, MSc Biology, State University Groningen, The Netherlands

-1994, PhD certificate Microbial Biotechnology, Delft University of Technology, The Netherlands

CAREER:

1994-2003:

Senior Scientist at Institute for Agrotechnological Research (ATO), Wageningen, NL

1998-2002:

Senior Scientist at Wageningen Centre of Food Sciences, The Netherlands

2003-2007:

Head of department of Bioconversion at “Agrotechnology and Food Innovations”, Wageningen, NL

2008-present:

Assistant Professor at Valorisation of Plant Production Chains, Wageningen University, NL

2009-present:

Member of the editorial board of Applied Microbiology and Biotechnology, 2009

Key publications 2003 – 2008:

- Maas, R.H.W.; Springer, J.; Eggink, G.; Weusthuis, R.A. (2008) Xylose metabolism in the fungus *Rhizopusoryzae* : effect of growth and respiration on l (+)-lactic acid production *Journal of Industrial Microbiology and Biotechnology* 35 (6). - p. 569 - 578.
- Maas, R.H.W.; Bakker, R.R.; Jansen, M.L.A.; Visser, D.; Jong, E. de; Eggink, G.; Weusthuis, R.A. (2008) Lactic acid production from lime-treated wheat straw by *Bacillus coagulans*: neutralization of acid by fed-batch addition of alkaline substrate *Applied Microbiology and Biotechnology* 78 (5). - p. 751 - 758.
- Maas, R.H.W.; Bakker, R.R.C.; Boersma, A.R.; Bisschops, I.; Pels, J.R.; Jong, E. de; Weusthuis, R.A.; Reith, H. (2008) Pilot-scale conversion of lime-treated wheat straw into bioethanol: quality assessment of bioethanol and valorization of side streams by anaerobic digestion and combustion *Biotechnology for Biofuels* 1 . - p. 1 - 13.
- Sanders, J.P.M.; Scott, E.L.; Weusthuis, R.A.; Mooibroek, H. (2007) Bio-refinery as the bio-inspired process to bulk chemicals *Macromolecular Bioscience* 7 (2). - p. 105 - 117.
- Maas, R.H.W.; Bakker, R.R.; Eggink, G.; Weusthuis, R.A. (2006) Lactic acid production from xylose by the fungus *Rhizopusoryzae* *Applied Microbiology and Biotechnology* 72 (5). - p. 861 - 868.