

Curriculum Vitae

Personal information **Klaus Neumuller**

Work experience

1. Employer: AGES _ Austrian Agency for Health and Food Safety Ltd.
 - Start date: 052016
 - End date:
 - Position: Regulatory Expert Specialist
 - Activities:
 - Country: Austria
2. Employer: IUBH
 - Start date: 112015
 - End date: 092018
 - Position: Lecturer (freelance: teaching, course material)
 - Activities:
 - Country: Germany
3. Employer: Royal DSM, Wageningen University
 - Start date: 062010
 - End date: 092014
 - Position: Researcher
 - Activities:
 - Country: Netherlands
4. Employer: Research Institute of Molecular Pathology
 - Start date: 042008
 - End date: 052009
 - Position: Diploma student
 - Activities:
 - Country: Austria
5. Employer: Institute of Molecular Biotechnology
 - Start date: 042006
 - End date: 032008
 - Position: Technical Assistant (laboratory)
 - Activities:
 - Country: Austria

Education and training

1. Subject: Wageningen University
 - Start date: 062010
 - End date: 092014
 - Qualification: Ph.D.
 - Organisation: EU 7th Framework Marie Curie programme
 - Country: Netherlands
2. Subject: PharmaSchool, London
 - Start date: 122014
 - End date: 062015
 - Qualification: Certificate
 - Organisation: Clinical Research Associate Development and Education Certificate
 - Country: United Kingdom
3. Subject: Wageningen University
 - Start date: 062010
 - End date: 092014
 - Qualification: Advanced studies certificate
 - Organisation: Advanced studies in Health Sciences, Nutrition, Agrobiotechnology and Food Technology. (Graduate School VLAG, Wageningen University)
 - Country: Netherlands
4. Subject: University of Vienna
 - Start date: 092006
 - End date: 102009
 - Qualification: M.Sc. (Mag. rer. nat.)
 - Organisation: Genetics and Microbiology
 - Country: Austria

Additional information

Publications

Neumüller KG, Carvalho de Souza A, Van Rijn J, Streekstra H, Schols HA, Gruppen H, 2015. Positional preferences of acetyl esterases from different CE families towards 4_O_methylglucuronic acid substituted xylo_oligosaccharides. *Biotechnol. Biofuel.* 8:7, DOI 10.1186/s13068_014_0187_6. Neumüller KG, Streekstra H, Schols HA, Gruppen H, 2014. *Trichoderma longibrachiatum* acetyl xylan esterase 1 enhances hemicellulolytic preparations to degrade corn polysaccharides. *Bioresource Technol.*, 163, 64_73. Neumüller KG, 2014. Designed enzyme preparations for the hydrolysis of corn silage polysaccharides. Dissertation, Wageningen University, The Netherlands (ISBN 978_94_6257_083_2). Neumüller KG, Streekstra H, Schols HA, Gruppen H, 2014. Acetyl xylan esterase Axe1 (T. reesei, Carbohydrate esterase family 5) supplemented to a hemicellulolytic preparation enhances degradation of recalcitrant corn Silage polysaccharides. *Chem. Eng. Trans.*, 37, 277_282. Neumüller KG, Streekstra H, Schols HA, Gruppen H, 2014. Synergistic action of enzyme preparations towards recalcitrant corn silage polysaccharides.

Biomass and Bioenerg., 60, 88_97. Neumüller KG, Carvalho de Souza A, Van Rijn J, Appeldoorn MM, Streekstra H, Schols HA, Gruppen H, 2013. Fast and robust method to determine phenoyl and acetyl esters of polysaccharides by quantitative 1H NMR. J. Agr Food Chem. 61, 6282_6287. Neumüller RA, Richter C, Fischer A, Novatchkova M, Neumüller KG, Knoblich JA, 2011. Genome_wide analysis of self_renewal in Drosophila neural stem cells by transgenic RNAi. Cell Stem Cell 6;8(5), 580_593. Neumüller KG, Elsayad K, Reisecker JM, Waxham MN, Heinze KG, 2010. Photounbinding of Calmodulin from a family of CaM_binding peptides. PloS One 18;5(11):e14050.

Projects

Memberships

Other Relevant Information