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Discovery and exploitation of the transcriptional regulatory system of pectinases in *Aspergillus niger*

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Curriculum vitae

Ebru Alazi was born on the 6th of September 1985 in Üsküdar (Istanbul), Turkey. She graduated from Cagaloglu Anatolian High School in 2003, and started her study in Chemical Engineering in Bogazici University, specializing in Biochemical Engineering. After obtaining her Bachelor of Science degree in 2008, she continued with her Master of Science study in Chemical Engineering in the same university. She conducted a research project in the Biosystems Engineering Research Group and graduated in 2010. Following her enthusiasm for biotechnology, she started her Master of Science study in Biology in Leiden University in the Netherlands, specializing in Molecular and Cellular Biosciences. She performed her research project in the Molecular Microbiology and Biotechnology Research Group and graduated *cum laude* in 2013. In 2014, she started her PhD in the same research group under the supervision of Dr. A.F.J. Ram and Prof. dr. P.J. Punt. The results of her PhD study are described in this thesis.

Publications

Alazi E, Ram AFJ (2018) Modulating transcriptional regulation of plant biomass degrading enzyme networks for rational design of industrial fungal strains. Submitted to *Frontiers in Bioengineering and Biotechnology*

Alazi E, Niu J, Otto SB, Pham TTM, Tsang A, Ram AFJ (2018) W361R mutation in GaaR, the regulator of D-galacturonic acid responsive genes, leads to constitutive expression of pectinases in *Aspergillus niger*. Submitted to *MicrobiologyOpen*

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