

Doreen Heerd



◊ Postdoctoral research fellow at:

◆ Algae Biotech SL, Spain

Nationality:

German

Main supervisor:

Dr. Eng. Reza Ranjbar

◊ Educational background:

◆ Dipl.-Ing. (FH) engineer's degree / Hamburg University of Applied Sciences, Germany

◆ Ph.D. in Biochemical Engineering / Jacobs University Bremen gGmbH, Germany

◊ Research and work experience:

◆ PhD thesis:

“Pectinolytic enzymes of *Aspergillus sojae* ATCC 20235: The impact of bioprocessing strategy on solid-state production and downstream processing of polygalacturonase”

◆ Publications:

◆ Heerd D, Yegin S, Tari C, Fernandez-Lahore M, 2012. Pectinase enzyme-complex production by *Aspergillus spp.* in solid-state fermentation: A comparative study. Food and Bioprocess Processing, 90(2), 102-110.

◆ Demir H, Göğüş N, Tari C, Heerd D, Fernandez-Lahore M, 2012. Optimization of the process parameters for the utilization of orange peel to produce polygalacturonase by solid-state fermentation from an *Aspergillus sojae* mutant strain. Turk. J. Biol. 36, 394-404.

◆ Mirata MA, Heerd D, Schrader J, 2009. Integrated bioprocess for the oxidation of limonene to perillic acid with *Pseudomonas putida* DSM 12264. Process Biochemistry, 44, 764-771.

◊ Personal interests / hobbies:

◆ Sports (playing football, running and dancing)

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