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Position: Ph. D. Student

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Education

2015.8-Present	Ph.D. Student	Chungnam University, Daejeon, Korea
2013.3-2015.8	M. S.	Chungnam University, Daejeon, Korea
2004.3-2009.2	B. S.	Myongji University, Yongin, Korea

Professional Experience

2013.3-Present	Project Researcher	Asia Glycomics Reference Site, Korea
2013.3-Present	Teaching Assistant	Asia Glycomics Reference Site, Korea
2012.2-2013.1	Researcher	Nonghyup Food Safety Research Institute, Korea

Academic Society

2013-Present	Member	American Society for Mass Spectrometry (ASMS)
2013-Present	Member	The Korean Human Proteome Organization (KHUPO)
2013-Present	Member	Korean Society for Glycoscience (KSG)
2013-Present	Member	Korean Society for Mass Spectrometry (KSMS)

Publications

1. I.J. Kim, **N. Seo**, H.J. An, J.H. Kim, P.V. Harris, K.H. Kim, "Type-dependent action modes of TtAA9E and TaAA9A acting on cellulose and differently pretreated lignocellulosic substrates" *Biotechnology for Biofuels*, 2017, 10(1), 46.
2. J.Y. Lee, H.K. Lee, G.W. Park, H. Hwang, H.K. Jeong, K.N Yun, E.S. Ji, K.H. Kim, J.S. Kim, J.W. Kim, S.H. Yun, C.W. Choi, S.I. Kim, J.S. Lim, S.K. Jeong, Y.K. Paik, S.Y. Lee, J. Park, S.Y. Kim, Y.J. Choi, Y.I. Kim, J. Seo, J.Y. Cho, M.J. Oh, **N. Seo**, H.J. An, J.Y. Kim, J.S. Yoo, "Characterization of Site-Specific N-Glycopeptide Isoforms of α -1-Acid Glycoprotein from an Interlaboratory Study Using LC-MS/MS" *Journal of Proteome Research*, 2016, 15 (12), 4146-4164.
3. D. Wang, D.H Kim, **N. Seo**, E.J. Yun, H.J. An, K.H. Kim, "A Novel Glycoside Hydrolase Family 5 β -1, 3-1, 6-Endoglucanase from *Saccharophagus degradans* 2-40T and its Transglycosylase Activity", *Applied and environmental microbiology*, 2016, 82 (14), 4340-4349.
4. I.J. Ji, S. Hua, D.H. Shin, **N. Seo**, J.Y. Hwang, I.S. Jang, M.G. Kang, J.S. Choi, H.J. An, "Spatially-Resolved Exploration of the Mouse Brain Glycome by Tissue Glyco-Capture (TGC) and Nano-LC/MS", *Analytical chemistry*, 2015, 87 (5), 2869-2877.
5. S.R. Kim, T.Y. Nguyen, **N. Seo**, S.H. Jung, H.J. An, D.A. Mills, J.H. Kim, "Comparative Proteomics: Assessment of Biological variability and Dataset Comparability", *BMC Bioinformatics*, 2015, 16:121.

