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**Education**

1999.09-2003.09	Ph.D	University of California, Davis, USA
1999.09-2003.09	M.S	Inha University, Korea
1999.09-2003.09	B.S	Inha University,

Professional Experience

2011.03-present	Professor	Chungnam National University
2011.08-present	Director	Asia Glycomics Reference Site
2009.01-2011.02	Associate Specialist II	University of California, Davis, USA
2004.06-2011.02	Director for R&D	Glycometrix, Inc, USA
2003.10-2008.12	Postdoctoral Researcher	University of California, Davis, USA

Academic Society

2021.01-present	Vice President	The Korean Society for Glycoscience
2022.01-presnet	Secretary General	The Korean Human Proteome Organization
1999.09-present	Member	American Society for Mass Spectrometry
2017.01-present	Editorial Board Member	Mass Spectrometry Reviews
2014.01-present	Editorial Board Member	Scientific Reports

Publications

- Kim, J., Yin, D., Lee, J., An, H. J., & Kim, T. Y. Deuterium Oxide Labeling for Global Omics Relative Quantification (DOLGOReQ): Application to Glycomics. *Analytical Chemistry*. 2021 Oct; 93(43): 14497-14505.
- Oh, M. J., Lee, S. H., Kim, U., & An, H. J. In-depth investigation of altered glycosylation in human haptoglobin associated cancer by mass spectrometry. *Mass Spectrometry Reviews*. 2021 May; 1-23.
- Lee, J., Ha, S., Kim, M., Kim, S. W., Yun, J., Ozcan, S., ... & An, H. J. Spatial and temporal diversity of glycome expression in mammalian brain. *Proceedings of the National Academy of Sciences*. 2020 Nov; 117(46): 28743-28753.
- Seo, Y., Oh, M. J., Park, J. Y., Ko, J. K., Kim, J. Y., & An, H. J. Comprehensive characterization of biotherapeutics by selective capturing of highly acidic glycans using stepwise PGC-SPE and LC/MS/MS. *Analytical Chemistry*. 2019 Apr; 91(9): 6064-6071.
- Lee, H. H. L., Heo, C. E., Seo, N., Yun, S. G., An, H. J., & Kim, H. I. Accurate quantification of N-glycolylneuraminic acid in therapeutic proteins using supramolecular mass spectrometry. *Journal of the American Chemical Society*. 2018 Aug; 140(48): 16528-16534.