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Academic Career

2022	PhD in Food and Nutritional Sciences,	Korea University, Republic of Korea
2016	BS in Food and Nutrition	Soongeui Women's College, Republic of Korea

Professional Experience

2022-present	Research Associate	Department of Food Science and Biotechnology, Dongguk University

Publications

1. Seo, H., **Seo, H.**, Lee, H. Y., Lee, S. H., Park, Y. (2023). Comprehensive analysis of cellular estrogen signaling in representative estrogen receptor ligands. 369, 110303.
2. **Seo, H.**, Seo, H., Byrd, N., Kim, H., Lee, K. G., Lee, S. H., & Park, Y. (2023). Human cell-based estrogen receptor beta dimerization assay. Chemico-biological interactions, 369, 110264.
3. Lee, S. H., **Seo, H.**, Byrd, N., Willett, C., Lee, H. S., & Park, Y. (2022). Determination of thyroidal endocrine-disrupting chemicals (EDCs) activities using a human cell-based transactivation assay. Environmental Sciences Europe, 34:51.
4. Lee, S. H., **Seo, H.**, Seo, H., Lazari, M., D'Agostino, M., Byrd, N., Yoon, K. S., Lee, H. S., & Park, Y. (2022). An In vitro dimerization assay for the adverse outcome pathway approach in risk assessment of human estrogen receptor α-mediated endocrine-disrupting chemicals. Chemosphere, 290, 133267.
5. Lee, S. H., Hong, K. Y., **Seo, H.**, Lee, H. S., & Park, Y. (2021). Mechanistic insight into human androgen receptor-mediated endocrine-disrupting potentials by a stable bioluminescence resonance energy transfer-based dimerization assay. Chemico-biological interactions, 349, 109655.
6. Kim, H. M., **Seo, H.**, Park, Y., Lee, H. S., Lee, S. H., & Ko, K. S. (2021). Development of a Human Estrogen Receptor Dimerization Assay for the Estrogenic Endocrine-Disrupting Chemicals Using Bioluminescence Resonance Energy Transfer. International journal of environmental research and public health, 18(16), 8875.
7. **Seo, H.**, Lee, S. H., Park, Y., Lee, H. S., Hong, J. S., Lim, C. Y., Kim, D. H., Park, S. S., Suh, H. J., & Hong, K. B. (2021). (-)-Epicatechin-Enriched Extract from Camellia sinensis Improves Regulation of Muscle Mass and Function: Results from a Randomized Controlled Trial. Antioxidants (Basel, Switzerland), 10(7), 1026.

8. Lee, H. S., Lee, J., Lee, S. H., **Seo, H.**, Lee, K. G., & Park, Y. (2021). 3-MCPD (3-monochloro-1,2-propanediol) inhibit myogenic differentiation in murine skeletal myoblasts. Chemico-biological interactions, 336, 109311.
9. Lee, S. H., **Seo, H.**, Lee, H. S., & Park, Y. (2020). Development and characterization of a human cell line-based transactivation assay to assess thyroid EDCs. Environmental research, 182, 109110.
10. Hong, K. B., **Seo, H.**, Lee, J. S., & Park, Y. (2019). Effects of probiotic supplementation on post-infectious irritable bowel syndrome in rodent model. BMC complementary and alternative medicine, 19(1), 195.