


## Curriculum Vitae

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### Educational Background

- (2004–2009) Ph.D.,: Korea University, Biochemistry
- (2001–2003) M.S.,: Korea University, Biochemistry

### Professional Career

- (5/2020–Present) Director, Biomarker Research Laboratory, BERTIS Inc., Gyeonggi-do, South Korea
- (6/2018–4/2020) Senior Researcher, Daegu Gyeongbuk Institute of Science and Technology, Daegu, South Korea
- (8/2012–5/2018) Postdoctoral Research Fellow, Dana-Farber Cancer Institute, Boston, USA

### Research Field

- Discovering biomarkers for major cancers, including breast, ovarian, and pancreatic cancer
- Bioinformatic research for characterizing protein network beyond disease
- Surface proteome analysis for drug target discovery and companion diagnosis

#### Main Publications:

- Novel Diagnostic Biomarkers for High-Grade Serous Ovarian Cancer Uncovered by Data-Independent Acquisition Mass Spectrometry. 2022. *J Proteome Res.*
- Proteomic Interrogation in Cancer Biomarker. 2021. *Adv Exp Med Biol.*
- Interrogating the Hidden Phosphoproteome. 2017. *Proteomics.*
- Leucine-Rich Repeat Kinase 2 (LRRK2) and Parkinson's Disease. 2017. *Proteomics.*
- Development and Validation of a Novel Plasma Protein Signature for Breast Cancer Diagnosis by Using Multiple Reaction Monitoring-based Mass Spectrometry. 2015. *Anticancer Res.*