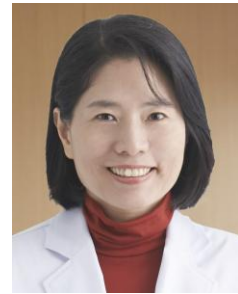


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Education:

yyyy.mm-yyyy.mm	Degree	Affiliation
2005.08-2012.07	Ph.D.	Johns Hopkins School of Medicine, USA
2000.03-2002.02	M.S.	Seoul National University, School of Dentistry
1993.03-1999.02	D.D.S.	Seoul National University, School of Dentistry

Professional Experience:

yyyy.mm-yyyy.mm	Position	Affiliation
2026.03- Current	Professor	Seoul National University, School of Dentistry
2021.03-2026.02	Associate Professor	Seoul National University, School of Dentistry
2016.03-2021.02	Assistant Professor	Seoul National University, School of Dentistry
2012.07-2016.02	Post-doc	Johns Hopkins School of Medicine, USA
2002.07-2005.06	Clinical Research Fellow	National Institutes of Health, NIDCR, USA

Academic Society:

yyyy.mm-yyyy.mm	Position	Society
2024.01- Current	Research Director	Korean Society for Bone and Mineral Research
2024.01- Current	Research Director	Korean Society of Sarcopenia
2020.01- Current	Scientific Committee Member	Korean Society for Gerontology

Funding:

2025 – 2028	Global Basic Research Laboratory through the National Research Foundation of Korea funded by the Korea government (Ministry of Science and ICT, MSIT) (RS-2025-02214577)
2024 – 2029	Mid-Career Researcher Program through the National Research Foundation of Korea funded by the Korea government (Ministry of Science and ICT, MSIT) (RS-2024-00336924)
2020 – 2023	Mid-Career Researcher Program through the National Research Foundation of Korea funded by the Korea government (Ministry of Science and ICT, MSIT) (NRF-2020R1A2C1010359)
2018 – 2020	Basic Science Research Program through the National Research Foundation of Korea funded by the Ministry of Education (NRF-2018R1D1A1B07045334)
2016 – 2019	Creative-Pioneering Researchers Program through Seoul National University
2016 – 2017	Funding the Next Generation of Excellent Researchers from Seoul National

University
2002 – 2005 Clinical Research Fellowship from National Institutes of Health

Honors and Awards:

2026 Korea Science and Technology Award (Ministry of Science and ICT)
2024 Newsma Award: Best Award
2018 East-Meets-West Award, European Calcified Tissue Society (ECTS), Valencia, Spain
2013 Best Poster Award, Muscular Dystrophy Association, Washington, D.C.
2005 Young Investigator Award, American Pain Society, Boston

Research Focus:

- Musculoskeletal Regeneration
- Mitochondrial Functional Analysis and Transplantation Therapy
- Metabolic Disorders
- Live-Cell Imaging of Intracellular Organelles

Publications:

Shim W, Suh J, Kim HK, Kim NK, Kim Y, Jeong YT, Kim MS, Lee SJ, **Lee YS**. (2026) Periodontitis induces skeletal muscle atrophy by increasing circulating levels of activin A. *Nat Commun* (accepted).

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