

NANO KOREA 2020

July 1~3, KINTEX, Korea

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Nationality: Republic of Korea.

EDUCATION

SungKyunKwan University	Ph.D	Pharmacy	2002
SungKyunKwan University	MS	Industrial Health	1996
SungKyunKwan University	BS	Biology	1994

PROFESSIONAL ACTIVITIES

- Associate Professor, Department of Animal health and Welfare, Korea (Mar. 2010 to Present)
- Research professor sponsored by KRF, Korea (Sep. 2007 to Feb. 2010)
- Research professor, College of Pharmacy, SungKyunKwan University (Mar. 2004 to Feb. 2010)
- Visiting Researcher, **Center** for Marine Environmental Studies, Ehime University, Japan (Sep. 2004 to Dec. 2004)
- Senior Researcher, Research Institute for Pharmaceutical Sciences, SungKyunKwan University (Sep. 2003 to Feb. 2004)
- Post-Doctoral fellowship sponsored by KOSEF, Pharmacy, SungKyunKwan University, Korea (Sep. 2002 to Sep. 2003)

AWARD AND HONORS

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MAIN SCIENTIFIC PUBLICATION

- Acute and genetic toxicity of GS-E3D, a new pectin lyase-modified red ginseng extract, Regulatory Toxicology and Pharmacology 2019 29(2-14): 567-576.
- Kim YH, Jo MS, Kim JK, Shin JH, Baek JE, Park HS, An HJ, Lee JS, Kim BW, Kim HP, Ahn KH, Jeon K, Oh SM, Lee JH, Workman T, Faustman EM, Yu IJ. Short-term inhalation study of graphene oxide nanoplates. Nanotoxicology 2018 Feb 1: 1-15.
- Shin JH, Jeon K, Kim JK, Kim Y, Jo MS, Lee JS, Baek JE, Park HS, An HJ, Park JD, Ahn K, Oh SM, Yu IJ. Subacute inhalation toxicity study of synthetic amorphous silica nanoparticles in Sprague-Dawley rats. Inhal Toxicol. 2017 Oct-Dec 29(12-14), 567-576.
- Choo WH, Moon B, Song S, Oh SM. Morphological transformation induced by silver nanoparticles in Balb/c 3T3 A31-1-1 mouse cell model to evaluate in vitro carcinogenic

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potential. Environ Health Toxicol 2017 Oct 7. 32:e2017016. doi: 10.5620/eh.t.e2017016. eCollection 2017.

- Choo WH, Park CH, Jung SE, Moon B, Ahn H, Ryu JS, Kim KS, Lee YH, Yu IJ, Oh SM. Long-term exposures to low doses of silver nanoparticles enhanced in vitro malignant cell transformation in non-tumorigenic BEAS-2B cells. Toxicol In Vitro. 2016 Dec;37:41-49.

RESEARCH INTERESTS

- Mutagenesis and Carcinogenesis
- Inhalation toxicity
- Alternative methods and prediction toxicity