

Curriculum vitae

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◆ 학력

INSTITUTION AND LOCATION	DEGREE	YEAR(S)	FIELD
Sangmyung Women's University, Korea	BS	1995	Biology
The Catholic University of Korea, Korea	MS	1998	Immunology in Ophthalmology
The Catholic University of Korea, Korea	Ph.D.	2004	Molecular Genetics in Ophthalmology
National Cancer Institute, NIH, USA	Visiting Fellow	2005-2007	Regulation of TGF-beta signaling
Case Western Reserve University, USA	Research Associate	2007 – 2012	TGF-beta signaling and the role of complement components
University of Alabama at Birmingham, USA	Research Associate	2012-2014년 3월	Autophagy and lipid metabolism in endothelial cells
Theragen Etex Bio Institute	Senior Researcher	2014년 3월-current	

◆ 수상경력

1. Travel Fellowship Grant

2013 2013 travel award from UAB Diabetes Research and Training Center

◆ 발표 논문

1. Min Soo Kim, Joon Jeong, Jeongbeob Seo, **Hae-Suk Kim**, Seong-Jin Kim, and Wook Jin, Dysregulated JAK2 expression by TrkC promotes metastasis potential, and EMT program of metastatic breast cancer, *Sci Rep.* 2016, 6:36899.
2. Seunghwan Lim, Byoung Kwon Yoo, **Hae-Suk Kim**, Hannah L Gilmore, Younhun Lee, Hyun-pil Lee, Seong-Jin Kim, John Letterio, and Hyoug-gon Lee, Amyloid-b precursor protein promotes cell proliferation and motility of advanced breast cancer. *BMC Cancer.* 2014, 14:928
3. **Hae-Suk Kim**, Michael Quon, Jeong-a Kim, New insights into the mechanisms of polyphenols beyond antioxidant properties; lessons from the green tea polyphenol, epigallocatechin 3-gallate. *Redox Biol.* 2014 Jan 10;2:187-195. eCollection 2014. – *Selected for featured paper*
4. **Hae-Suk Kim**, Vedrana Montana Parpura, Hyun-Ju Jang, Vladimir Parpura, Jeong-a Kim, Epigallocatechin-gallate (EGCG) stimulates autophagy in vascular endothelial cells: A potential role for reducing lipid accumulation. *J. Bio. Chem.* 2013, Aug. 288(31):22693-705. – *Papers of the week*
5. Hyunju Jang, **Hae-Suk Kim**, Danel Hwang, Michael Quon, Jeong-a Kim, Toll like receptor 2 mediates High fat diet-induced impairment of vasodilator actions of insulin. *Am J Physiol Endocrinol Metab.* 2013, May. 304(10):E1077-88.
6. Seunghwan Lim, Eunjin Bae, **Hae-Suk Kim**, Tae-Aug Kim, Kyunghee Byun, Byungchul Kim, Suntaek Hong, Jong Pil Im, Chohee Yun, Bona Lee, Bonghee Lee, Seok Hee Park, John Letterio, Seong-Jin Kim, TRAF6 mediates IL-1 β /LPS-induced suppression of TGF- β signaling through its interaction with the type III TGF- β receptor. *PLoS One.* 2012, 7(3):e32705.
7. Kang JM, Park S, Kim SJ, Hong HY, Jeong J, **Kim HS**, Kim SJ. CBL enhances breast tumor formation by inhibiting tumor suppressive activity of TGF- β signaling. *Oncogene.* 2012, Dec 13;31(50):5123-31.
8. Ming-Shih Hwang*, **Hae-Suk Kim***, Elzbieta Pluskota, Edward Plow, M. Edward Medof, VEGF induction of angiogenesis depends on C3aR/C5aR signaling in vascular endothelial cells. (*In preparation, * co-author*)
9. Joo CK, **Kim HS**, Park JY, Seomun Y, Son MJ, Kim JT. Ligand release-independent transactivation of epidermal growth factor receptor by transforming growth factor-beta involves multiple signaling pathways. *Oncogene.* 2008, 27: 614-28.
10. Jin W, Yun C, **Kim HS**, Kim SJ. TrkC binds to the bone morphogenetic protein type II receptor to suppress bone morphogenetic protein signaling. *Cancer Res.* 2007, 67: 9869-77.

◆ 특허

Title: Glaucoma-Coding DNA and Protein,

Registration No.: 10-0381902, Registration Country: Korea (South)