Chulhee Choi, MD, PhD

Position : Professor
Department : Bio and Brain Engineering
Affiliation : KAIST
Office : 042-350-8552
E-mail : cchoi@kaist.ac.kr
Homepage : http://csbi.kaist.ac.kr

Education

1997.03 – 1999. 08	PhD	Yonsei University College of Medicine
1991.03 – 1997.02	Masters Degree	Yonsei University College of Medicine
1985.03 – 1991.02	MD	Yonsei University College of Medicine

Professional Experience

2012 - present	Professor	KAIST, Dept, Bio and Brain Eng
2009 - present	Chair	KAIST, Center of Optical Bioimaging
2005.03 - 2012	Associate Professor	KAIST, Dept, Bio and Brain Eng
2002.08-2012	Assistant Professor	Ewha Univ. Div. of Molecular Life Sci
1999-2002	Postdoc fellow	UAB, Department of Cell Biology

Academic Society

2016 - present	Active Member	International Society of Extracellular Vesicles
2016 - present	Active Member	American Society of Exosome and Microvesicle
2012 – present	Active Member	American Society of Neurooncology
2009 - present	Active Member	of American Association of Cancer Research
2016 - present	Active Member	American Society of Cell Biology

Publications

Yim N, Ryu S-W, Choi K*, Lee KR, Lee S, Choi H, Kim J, Shker MR, Sun W, Park J-H, Kim D, Heo WD, Choi C*. Exosome engineering for efficient intracellular delivery of soluble proteins using optically reversible protein-protein interaction module. Nature Communications, 2016, 7, 12277

Lee S, Yoon J, Choi M, Choi C*. Induction of neuronal activation by femtosecond-pulsed laser irradiation and its potential application for amyloid-β-induced toxicity assessment. Journal of Biophotonics, In Press

Lee J, Park J*, Choi C*. Evaluation of drug-targetable genes by defining modes of abnormality in gene expression. Scientific Reports, 2015 Sep 4; 5: 13576

Park J, Kang W, Ryu S-W, Kim W-I, Chang D-Y, Lee DH, Park DY, Choi Y, Choi K, Shin EC*, Choi C*. Hepatitis C virus enhances tumor necrosis factor- -induced cell death via suppression of NF-B activation. Hepatology 2012 Sep; 56(3): 831-840

Choi M, Ku T, Chung K, Yoon J, Choi C*. Minimally invasive molecular delivery into the brain using optical modulation of vascular permeability. Proceedings of National Academy of Sciences of the United States of America 2011 May 31; 108(22): 9256-9261