

이 력 서

인적사항

성명(국문)	김종민	성명(영문)	Jongmin Kim
소 속	숙명여자대학교		
직 위	부교수		



주요 학력 및 경력

2005 - 2009 Dankook University Ph.D.
2010 - 2013 Yale University School of Medicine, Postdoctoral Associate
2013 - 2017 Sookmyung Women's University, Assistant Professor
2017 - present Sookmyung Women's University, Associate Professor
2017 - present Sookmyung Women's University, Associate Dean, Research & Business Development Foundation Research Affairs

연구관심분야

The main interest is to characterize signaling pathways important in endothelial homeostasis and in vascular disease processes such as fibrosis and pulmonary arterial hypertension. We utilize a multifactorial approach to define the roles of signaling perturbations in both disease models as well as in human diseases. Through such approaches, we continue expand our knowledge of cellular mechanisms involving GPCR signaling, microRNAs, and cytokines.

주요연구실적

1. Cho JG, Lee A, Chang W, Lee M-S and **Kim J**. Endothelial to Mesenchymal Transition Represents a Key Link in the Interaction between Inflammation and Endothelial Dysfunction. *Frontiers in Immunology* 2018.
2. Lee A, Papangeli I, Park Y, Jeong HN, Choi J, Kang H, Jo HN, **Kim J**, and Chun HJ. A PPAR γ -dependent miR-424/503-CD40 axis regulates inflammation mediated angiogenesis. *Scientific reports* 2017.
3. Papangeli I, **Kim J**, Maier I, Park S, Lee A, Kang Y, Tanaka K, Khan OF, Ju H, Kojima Y, Red-Horse K, Anderson DG, Siekmann AF, and Chun HJ. MicroRNA 139-5p coordinates APLNR-CXCR4 crosstalk during vascular maturation. *Nature Communications* 2016.
4. **Kim J**, Hwangbo C, Hu X, Kang Y, Papangeli I, Mehrotra D, Park H, McLean, DL, Ju H, Comhair SA, Erzurum SC, and Chu, HJ. Restoration of Impaired Endothelial MEF2 Function Rescues Pulmonary Arterial Hypertension. *Circulation* 2015.
5. **Kim J**, Kang Y, Kojima Y, Lighthouse JK, Hu X, Aldred MA, McLean DL, Park H, Comhair SA, Greif DM, Erzurum SC, and Chun HJ. An endothelial apelin-FGF link mediated by miR-424 and miR-503 is disrupted in pulmonary arterial hypertension. *Nature Medicine* 2013.
6. Chandra SM, Razavi H, **Kim J**, Agrawal R, Kundu R, de Jesus Perez V, Zamanian RT, Quertermous T, and Chun HJ. Disruption of the Apelin-APJ System Worsens Hypoxia-Induced Pulmonary Hypertension. *Arterioscler Thromb Vasc Biol* 2011.
7. **Kim J**, Park J, Choi S, Chi SG, Mowbray AL, Jo H, and Park, H. X-linked inhibitor of apoptosis protein is an important regulator of vascular endothelial growth factor-dependent bovine aortic endothelial cell survival. *Circulation Research* 2008.