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I Educational background

2006 - 2012 Ohio State University, USA (Ph.D-약제학과)
2001 - 2003 가톨릭대학교 성의교경 (의학석사-약리학)
1998 - 2001 건국대학교 수의과대학 (수의학석사-수의내과학)
1994 - 1998 건국대학교 수의과대학 (수의학사-수의학)

I Major careers

2017 - 현재 한림대학교 자연과학대학 바이오메디컬학과 (조교수)
2012 - 2017 Department of Dermatology at Northwestern University Feinberg School of Medicine (Postdoctoral Fellow)
2012 - 2012 Division of Pharmaceutics, College of Pharmacy, The Ohio State University (Postdoctoral Fellow)
1998 - 2000 건국대학교 수의과대학 전임조교

I Studies & Books

microRNA와 autophagy

- 윤부줄기세포 (limbal stem cells)에서 microRNA에 의한 줄기세포 특성 및 autophagy 조절기전 연구
- 각막상피세포 (corneal epithelial cells)에서 microRNA에 의한 각막세포재생, 산생혈관형성, autophagy 조절기전 연구
- MicroRNA에 의한 암세포의 성장, 전이, 세포사멸 기전연구

■ 논문 (2010년 이후)

- Kaplan N, Dong Y, Wang S, Yang W, Park JK, Wang J, Fiolek E, White BP, Chandel NS, Peng H, Lavker RM. FIH-1 engages novel binding partners to positively influence epithelial proliferation via p63. *FASEB J*, 2020 Jan; 34: 525-539.
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- Nam S, Khawar IA, Park JK, Chang S, Kuh HJ. Cellular context-dependent interaction between cancer and stellate cells in hetero-type multicellular spheroids of pancreatic tumor. *Biochem Biophys Res Commun*. 2019 Jul 12;515(1):183-189.
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- Moeng S, Seo HA, Hwang CY, Cipolla GA, Lee DJ, Kuh HJ, Park JK. MicroRNA-107 Targets IKK β and Sensitizes A549 Cells to Parthenolide. *Anticancer Res*. 2018 Nov;38(11):6309-6316.
- Park JK, Seo JS, Lee SK, Chan KK, Kuh HJ. Combinatorial antitumor activity of oxaliplatin with epigenetic modifying agents, 5-Aza-CdR and FK228, in human gastric cancer cells. *Biomol Ther (Seoul)*. 2018 Nov 1;26(6):591-598.
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- Park JK, Doseff A, Schmittgen TD. MicroRNAs targeting caspase-3 and -7 in panc-1 cells. *Int J Mol Sci*. 2018 Apr 16;19(4). pii: E1206 (co-corresponding).
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- Peng H, Park JK, Lavker RM. Eyeing Autophagy and Macropinocytosis in the Corneal/Limbal Epithelia. *Autophagy*. 2017 May 4;13(5):975-977. (co 1st author).
- Peng H, Park JK, Lavker RM. Autophagy and Macropinocytosis: Keeping an Eye on the Corneal/Limbal Epithelia. *Invest Ophthalmol Vis Sci*. 2017 Jan 1;58(1):416-423. (co 1st author).

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I Others

학회활동

2018 ~ 현재, *Oncology Letters*, Editorial Board Member

2006 ~ 현재, 미국 암학회 (AACR)

2012 ~ 현재, 미국 안과 및 시과학회 (ARVO)

미국 고든 리서치 세미나 의장 (Cornea, Biology & Pathobiology of the Gordon Research Seminar, 2016년)