Curriculum Vitae

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| **Name:** First Last, Degree(s) | **김 균 환****교수, 성균관대학교 의과대학****Kyun-Hwan Kim, PhD.****(khkim10@skku.edu)** |
| **EDUCATION / TRAINING** |
| **University name/Institute** | **Degree** | **Year** | **Major** |
| Seoul National University | BS | 1989 | Chemistry |
| Seoul National University | MS | 1991 | Biochemistry |
| Yonsei University | PhD | 2002 | Virology |
| Brown University | Post Doc | 2005 | Virology |

**Positions and Honors**

**- Professional Career**

2020-Now: 성균관대학교 의과대학 정밀의학교실 교수

2017-2019: 한국분자세포생물학회 분자바이러스학 분과위원장

2016-2018: Vice Dean (교무부원장), Department of Pharmacology, School of Medicine, Konkuk University

2015-Now: 질병관리본부 감염병 연구포럼 인수공통감염병 및 만성감염병 분과 전문위원

2014-2020: BK21 교육팀장, 부단장, School of Medicine, Konkuk University

2014-2020: 건국대학교 IRB 전문위원

2014-2019: 대한간학회 기획위원, 학술위원

2014-2016: 대한간암학회 학술위원

2013-Now: 보건복지부 감염병 연구포럼 치료제분과 운영위원

2011-2020: 약리학 교실 주임교수, Department of Pharmacology, School of Medicine, Konkuk University

2011-2015: 건국대학교 일반대학원 의학과 주임교수

2006-2020: 조교수/부교수/교수, Department of Pharmacology, School of Medicine, Konkuk University

1991-1999: Senior Research Scientist, Basic Research Section, Lotte Group R&D Center, Seoul.

**- Research Journals**

2013-Now: World Journal of Gastroenterology / Editorial Board

2013-Now: Clinical and Molecular Hepatology / Editorial Board

2011-Now: PLoS ONE / Scientific Editor

2021-Now: : Frontiers in Immunology / Editorial Board

**- Academic Honors**

2014 KASL-GSK Award for Research Excellence

2018 Research Achievement Award in Konkuk University

2019년 언론이 주목한 기초연구지원 성과 10선에 선정 (The 10 most viewed article in 2019): 2020 연구재단 홈페이지에 홍보)

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| **Selected Recent Publications (2013~ )** |

1. Shin GC, Moon SU, Kang HS, *et al*., & Kim KH\*. PRKCSH contributes to tumorigenesis by selective boosting of IRE1 signaling pathway. ***Nat. Commun. 2019***. Jul 18;10(1):3185.
2. Park ES, Byun YH, Park S, *et al*., & Kim KH\*. Co-degradation of interferon signaling factor DDX3 by PB1-F2 as a basis for high virulence of 1918 pandemic influenza. ***EMBO J.* 2019.** Apr 12. pii: e99475.
3. Park ES, Lee AR, Kim DH, *et al*., & Kim KH\*. Identification of a quadruple mutation that confers tenofovir resistance in chronic hepatitis B patients. ***J Hepatol.* 2019.** Feb 19. pii: S0168-8278(19)30120-5.
4. Kim DH, Park ES, Lee AR, *et al*., & Kim KH\*. Intracellular interleukin-32γ mediates antiviral activity of cytokines against hepatitis B virus. ***Nat. Commun****.* **2018**. Aug 16;9(1):3284. doi: 10.1038/s41467-018-05782-5.
5. Lee AR, Lim KH, Park ES, *et al*., & Kim KH\*. Multiple functions of cFLIP are essential for replication of hepatitis B virus. ***J Virol***. **2018**. Jul 31;92(16). pii: e00339-18.
6. Lim KH, Park ES, Kim DH, *et al*., & Kim KH\*. Suppression of interferon-mediated anti-HBV response by single CpG methylation in the 5'-UTR of TRIM22. ***Gut.*** **2017**. Mar 23. pii: gutjnl-2016-312742. \*Commentary in *Gut*. 2017 May 5. Hepatitis B virus X protein: TRIMming antiviral defences in hepatocytes.
7. Shin GC, Kang HS, Lee AR, Kim KH\*. Hepatitis B Virus–triggered Autophagy Targets Death Receptor 5 for Degradation to Limit TNFSF10/TRAIL Response. ***Autophagy.*** **2016.** 12 (12):1–16.
8. Park YK, Park ES, Kim DH, *et al*., & Kim KH\*. Cleaved c-FLIP mediates the antiviral effect of TNF-<alpha> against hepatitis B virus by dysregulating hepatocyte nuclear factors. ***J Hepatol***. **2016**. Feb;64(2):268-277.
9. Shin GC, Ahn SH, Choi HS, *et al*., & Kim KH\*. Hepatocystin Contributes to Interferon-mediated Antiviral Response to Hepatitis B Virus by Regulating Hepatocyte Nuclear Factor 4α. ***BBA***. **2014.**1842:1648-1657.
10. Ahn SH, Park YK, *et al*., & Kim KH\*. The impact of the hepatitis B virus polymerase rtA181T mutation on replication and drug resistance is potentially affected by overlapping changes in surface gene. ***J Virol***. **2014.** 88(12):6805.
11. Park ES, Park YK, Shin C, *et al*., & Kim KH\*. Hepatitis B virus inhibits liver regeneration via epigenetic regulation of urokinase-type plasminogen activator. ***Hepatology***. **2013**.58:762-776.
12. Shin GC, Ahn SH, Choi HS, *et al*., & Kim KH\*. Hepatocystin/80K-H inhibits replication of hepatitis B virus through interaction with HBx protein in hepatoma cell. ***BBA - Molecular Basis of Disease***. **2013.**1832:1569-1581.