

• **Name:** Young-Joon Kim

• **Current Position:** Professor

• **Country:** Korea

• **Educational Background:**

PhD. Stanford University in Biological Sciences (1992)

MS. Seoul National University in Microbiology (1986)

BS. Seoul National University in Microbiology (1984)

• **Professional Experience:**

1992 - 1994 Stanford university school of Medicine, Postdoc.

1994 - 2001 Samsung Biomedical Research Institute, PI

1999 - 2001 Seongkyunkwan University, Assistant Professor,

1999 - 2008 Yonsei university Genome regulation Center, Director,

2001 – Yonsei Univ. Dept. of Biochemistry, Professor,

2004 – 2008 Human Frontier Science Program, Review committee

2007 – 2011 Director, Yonsei Genome Institute

2009 - 2013 HFSP, Council of Scientist, vice chair

2008 – 2011 Yonsei Univ. Underwood Distinguished Professor

• **Professional Organizations:**

Editorial board member; Epigenomics (2008- present)

Council vice chair; HFSP scientist council (2009-2013)

Review Committee member; HFSP (2004-2008)

Task force member; AACR human epigenomic consortium (2003-2008)

Vice president; Korea Genome Organization (2010 - present)

Executive Board member; Asian Epigenome Network

• **Main Scientific Publications:**

1. Jaewon Shim, Sun-Min Lee, Myeong Sup Lee, Joonsun Yoon, Hee-Seok Kweon, **Young-Joon Kim**. (2010) Rab35 mediates transport of Cdc42 and Rac1 to the plasma membrane during phagocytosis. *Mol. Cell. Biol.* 30:1421-33
2. Jung Kyoon Choi, Jae-Bum Bae, Jaemyun Lyu, Tae-Yoon Kim and **Young-Joon Kim** (2009) Nucleosome deposition and DNA methylation at coding region boundaries. *Genome Biology.* 10: R89.
3. *Taeil Kim, Joonsun Yoon, Hwansung Cho, Wook-bin Lee, Joon Kim, Young Hwa Song, Se Nyun Kim, Jeong Ho Yoon, Jeongsil Kim-Ha and Young-Joon Kim.* (2005) Down-regulation of LPS response in *Drosophila* by negative crosstalks between the AP1 and NF- κ B signaling modules. *Nature Immunology*, 6; 211-218.
4. Jung Kyoon Choi and **Young-Joon Kim** (2009) Intrinsic variability of gene expression encoded in nucleosome positioning sequences. *Nat. Genet.* 41(No.4):498-503
5. Li Hua Jin, Jung Kyoon Choi, Byungil Kim, Hwang Sung Cho, Jihyun Kim, Jeongsil Kim-Ha and **Young-Joon Kim** (2009) Requirement of Split ends for Epigenetic Regulation of Notch Signal-Dependent Genes during Infection-Induced Hemocyte Differentiation. *Mol. Cell. Biol* 29(No.6):1515-1525
6. Myeong Sub Lee and **Young-Joon Kim** (2007) Signaling Pathways Downstream of Pattern-Recognition Receptors and their Cross-Talk. *Ann. Rev. Biochem.* 76:447-80.
7. Li Hua Jin, Jaewon Shim, Joon Sun Yoon, Byungil Kim, Jihyun Kim, Jeongsil Kim-Ha and **Young-Joon Kim** (2008) Identification and Functional Analysis of Antifungal Immune Response Genes in *Drosophila*. *PLoS Pathog.* 4(No.10):e1000168.
8. Jung Kyoon Choi and **Young-Joon Kim** (2008) Epigenetic regulation and the variability of gene expression. *Nat. Genet.* 40(No.2):141-147.
9. Lark Kyun Kim, Un Young Chio, Hwan Sung Cho, Jung Seon Lee, Wook-bin Lee, Jihyun Kim, Kyoungsuk Jeong, Jaewon Shin, Jeongsil Kim-Ha and **Young-Joon Kim** (2007) Down-regulation of NF- κ B Target Gene by the AP-1 and STAT Complex during the Innate Immune Response in *Drosophila*. *PLoS Biology.* 5:2064-2076.