- Field: Molecular Neurobiology
- Name: Kyung Won Kim
- Title: Assistant professor
- Office: Life Science Hall 8317
- Tel: 033-248-2091
- email: kwkim@hallym.ac.kr

Educational background

- 2009 PhD, Univ. of Wisconsin-Madison, Molecular Genetics/Biochemistry
- 2003 MS, Seoul National University, Plant Biology
- 2001 BS, Seoul National University, Biology

Major careers

- 2018.09 - present : Assistant professor, Hallym University
- 2014.01 - 2018.08 : Assistant Project Scientist, Univ. of California, San Diego
- 2011.10 - 2013.12 : Postdoctoral Scholar, Univ. of California, San Diego
- 2009.12 - 2011.08 : Research Associate, Univ. of Wisconsin-Madison

Studies & Books

■ Theses

• Malinow RA, Ying P, Koorman T, Boxem M, Jin Y#, Kim KW#. Functional Dissection of C. elegans bZip-Protein CEBP-1 Reveals Novel Structural Motifs Required for Axon Regeneration and Nuclear Import. Frontiers in Cellular Neuroscience (2019) 13:348

• Kim KW#, Tang NH, Andrusiak MG, Wu Z, Chisholm AD, and Jin Y#. A neuronal piRNA pathway inhibits axon regeneration in C. elegans. Neuron (2018) 97(3):511-519

• Sharifnia P, Kim KW*, Wu Z, and Jin Y. Distinct cis elements in the 3' UTR of the C. elegans cebp-1 mRNA mediate its regulation in neuronal development. Developmental Biology (2017) 429(1):240-248.

• Kim KW*, Thakur N, Piggott CA, Omi S, Polanowska J, Jin Y, and Pujol N. Coordinated inhibition of C/EBP by Tribbles in multiple tissues is essential for C. elegans development. BMC biology (2016) 14(1):104-118.

• Xu S, Wang Z, Kim KW*, Jin Y, and Chisholm AD. Targeted mutagenesis of duplicated genes in Caenorhabditis elegans. Journal of Genetics and Genomics. (2016) 43(2):103-106.

• Noble DC, Aoki ST, Ortiz MA, Kim KW*, Verheyden JM, and Kimble J. Genomic Analyses of Sperm Fate Regulator Targets Reveal a Common Set of Oogenic mRNAs in Caenorhabditis elegans. Genetics (2016) 202:221-234.

• Kim KW# and Jin Y#. Neuronal responses to stress and injury in C. elegans. FEBS Letters (2015) 589(14):1644-1652.

• Lee M-H*, Kim KW*, Morgan CT, Morgan DE and Kimble J. Phosphorylation state of a TOB/BTG protein, FOG-3, regulates initiation and maintenance of the Caenorhabditis elegans sperm fate program. PNAS (2011) 108: 9125-9130. *equally contributed.

• Kim KW*, Wilson TL, and Kimble J. GLD-2/RNP-8 cytoplasmic poly(A) polymerase is a broad-spectrum regulator of the oogenesis program. PNAS (2010) 107:17445-17450.

• Kim KW*, Nykamp K, Suh N, Bachorik JL, Wang L and Kimble J. Antagonism between GLD-2 binding partners controls gamete sex. Developmental Cell (2009) 16: 723-733.

• Hesselson D, Newman C, Kim KW and Kimble J. GON-1 and fibulin have antagonistic roles in control of organ shape. Current Biology (2004) 14: 2005-2010

• Kim KW*, Shin JH, Moon J, Kim M, Lee J, Park MC and Lee I. The function of the flowering time gene AGL20 is conserved in Crucifers. Molecules and Cells (2003) 16: 136-141.

Others

■ Fellowships

- American Heart Association Postdoctoral Fellowship (13POST14800057), 2013.01.01 - 2014.12.31.

■ Awards

- Travel Grant, International conference of the Korean society for molecular and cellular biology (KSMCB), October 2016
- Poster Award, C. elegans Development & Evolution Meeting, June 2008
- Poster Award, 16th International C. elegans meeting, June 2007
- Poster Award, 15th International C. elegans meeting, June 2005

■ Scholarships

- BrainKorea21 Foundation, Academic Fellowship, 2002 - 2003
- Seoul National University, Teaching Assistant Scholarship, 2002
- Seoul National University, Academic Achievement Scholarship, 1998 - 2002
- Seoul National University, Work-Study Scholarship, 1998 - 2000