

Name: **Woo Jae Kim**

Present Position: **Assistant Professor**

Organization: **University of Ottawa**

Chapter Affiliation: **Ottawa**

Biographical Information: Woo Jae Kim received his PhD in Molecular Virology from the Pohang University of Science and Technology (POSTECH). He is currently professor of Cellular and Molecular Medicine at the University of Ottawa.

His research has been focused in two areas including translation and inflammatory disease on stress signaling, and timing-based decision making in *Drosophila melanogaster*. His research has identified the relationship between translation initiation process and inflammation via stress granule assembly. He also identified that the mechanism of anti-inflammatory molecule 15d-PGJ2 through the interaction with eIF4A1, the helicase of translation initiation.

After moved to behavioural genetics field, he established a novel behavioural paradigm as he named it Longer-Mating-Duration (LMD), which reflect *Drosophila* male's response to the presence of rival males by prolonging their mating duration. Several characteristics of this LMD behaviour provide conceptually interesting platform to use this behaviour as neural circuits study.

Dr. Woo Jae Kim has published high impact journals both molecular biology and behavioural neuroscience including *EMBO J*, *Nature neuroscience*, and *Neuron*.

-