



## **Dr. Yungki Park**

Park lab PI, HJKRI

Assistant Professor of Biochemistry

Dr. Park received his PhD from Saarland University, Germany (2007). He completed his postdoctoral research in the laboratory of Dr. Edward Marcotte at the University of Texas at Austin (2008 ~ 2013). His postdoc research was supported by a fellowship from the German Research Foundation (2009 ~ 2012).

Dr. Park is currently an assistant professor in the Department of Biochemistry at SUNY Buffalo and a principal investigator at the Hunter James Kelly Research Institute.

Dr. Park began his research career as a bioinformatician, obtaining a PhD in structural bioinformatics. Intrigued by the idea of combining computational and experimental methodologies to tackle important biology problems, he undertook computational prediction-guided experimental research for his postdoc. Dr. Park discovered that Myrf, a key transcription factor for the myelination of central nervous system, is a membrane-bound transcription factor that is auto-processed into two independent trimers.

Dr. Park's research efforts are currently directed toward elucidating the transcriptional regulatory network governing the specification and maturation of oligodendrocytes and central nervous system myelination. This basic oligodendrocyte biology knowledge will form a solid basis on which to develop effective therapeutics for dys- and de-myelinating diseases such as Krabbe disease and multiple sclerosis.

*Hunter James Kelly Research Institute*

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