

• **Name:** Kyu-Hwan Jung

• **Current Position:** Cofounder and CTO, VUNO Inc.

• **Country:** South Korea

• **Educational Background:**

- B.Sc. POSTECH, Department of Industrial and Management Engineering, Pohang, South Korea
- Ph.D. POSTECH, Department of Industrial and Management Engineering, Pohang, South Korea

• **Professional Experience:**

- (2014.12 -) Cofounder and CTO, VUNO Inc.
- (2014-2014) Research Staff Member, Samsung Advanced Institute of Technology, Samsung Electronics
- (2011-2014) Manager, Institute of Platform Technology, SK Planet
- (2011-2011) Manager, Institute of Platform Technology, SK Telecom
- (2010-2010) Post-doctoral Research Fellow, POSTECH

• **Professional Organizations:**

- Board Member, Korean Society of Artificial Intelligence in Medicine
- Board Member, Korean Society of Imaging Informatics in Medicine

• **Main Scientific Publications:**

Jaemin Son, Sang Jun Park, **Kyu-Hwan Jung**(Corresponding Author), "Towards Accurate Segmentation of Retinal Vessels and the Optic Disc in Fundoscopic Images with Generative Adversarial Networks", *Journal of Digital Imaging*, pp.1-14, October 05, 2018.

Sang Jun Park, Joo Young Shin, Sangkeun Kim, Jaemin Son, **Kyu-Hwan Jung** and Kyu Hyung Park, "A Novel Fundus Image Reading Tool for Efficient Generation of a Multi-dimensional Categorical Image Database for Machine Learning Algorithm Training", *Journal of Korean Medical Science*, Vol.33, No.43, e239, October 22, 2018.

Yeonwoo Jang, Jaemin Son, Kyu Hyung Park, Sang Jun Park, **Kyu-Hwan Jung**(Corresponding Author), "Laterality Classification of Fundus Images Using Interpretable Deep Neural Network", *Journal of Digital Imaging*, Vol.31, No.6, pp.923-928, December, 2018.

Guk Bae Kim, **Kyu-Hwan Jung**(Co-first Author), Yeha Lee, Hyun-Jun Kim, Namkug Kim, Sanghoon Jun, Joon Beom Seo and Dvid A. Lynch, "Comparison of Shallow and Deep Learning Methods on Classifying the Regional Pattern of Diffuse Lung Disease", *Journal of Digital Imaging*, October, 2017.

Kyu-Hwan Jung and Jaewook Lee, "Probabilistic Generative Ranking Method Based on Multi-

Support Vector Domain Description", *Information Sciences*, October, 2013.

Namhyoung Kim, **Kyu-Hwan Jung**, Yong Seog Kim and Jaewook Lee, "Uniformly subsampled ensemble (USE) for churn management : Theory and implementation", *Expert Systems with Applications*, Vol.35, No.15, pp.11839-11845, November, 2012.

Kyu-Hwan Jung, Namhyoung Kim and Jaewook Lee "Dynamic pattern denoising method using multi-basin system with kernels", *Pattern Recognition*, Vol.44, No.8, pp.1698-1707, August, 2011.

Kyu-Hwan Jung, Daewon Lee and Jaewook Lee, "Fast Support-based Clustering Method for Large-scale Problems", *Pattern Recognition*, Vol.43, No.5, pp. 1975-1983, May, 2010.