

**JOB DESCRIPTION AND POSITION REQUIREMENTS:**

The Clinical Omics Institute (COI) of Kyungpook National University, Daegu, South Korea is looking for a highly motivated Postdoctoral Research Associate to conduct research in the area of "Artificial Intelligence in Medicine". The successful candidate will immediately work on multiple on-going research projects by participating in an interdisciplinary and convergence research team to translate critical findings of the biology and treatment of human disease using multi-omics data and artificial intelligence (AI) technologies.

**Minimum Qualifications:**

- An earned Ph.D. in Computer Science/Engineering, Electrical Engineering, Physics or related fields
- Experience with research and development of AI/Machine/Deep learning models
- Ability to develop and evaluate AI models with deep learning frameworks (Tensorflow, Keras, Pytorch, etc) and Python programming
- Excellent communication and presentation skills

**Preferable:**

- Proven track records of conference/journal publications
- Experience in medical image processing (classification, segmentation, and registration)
- Deep knowledge in a state of art deep learning in both supervised approach (e.g. CNN) and unsupervised one (such as GAN)
- Experience with AI/Deep/Machine learning applications to medicine

**Duties:**

- Preparation and curation of a multi-omics data set
- Research, develop a state of art deep learning algorithm, and apply it to medicine
- Support software engineers to implement algorithms into the front-end application
- Write papers and present his works to relevant conferences

It offers a competitive salary of over 5,000K (Korean won/month) including health insurance. Interested candidates are encouraged to send a Curriculum Vitae (CV) including at least three academic references to Dr. Joshua Cho ([joshua@knu.ac.kr](mailto:joshua@knu.ac.kr)). Please include "C-OMICs postdoc position" in the email subject.