



Multiple postdoctoral positions in the Department of Neuroscience Mayo Clinic College of Medicine, FLORIDA

MAYO CLINIC DEPARTMENT OF NEUROSCIENCE is internationally recognized for academic excellence in the neurodegenerative disorders. Basic and clinician scientists within the neuroscience department have strong expertise in neurogenetics, neuropathology, animal disease modeling, immunity, and experimental therapeutics. The Department hosts the NIH-designated Alzheimer's Disease Research Center and the Udall Center of Excellence for Parkinson's Disease Research.

Lab introduction

The broad interest of Kim lab is to understand the pathogenic mechanisms of **Alzheimer's disease** and **other related neurodegenerative diseases** and to identify novel therapeutic targets. Current research efforts aim to understand the roles of **Apolipoprotein (ApoE)** and **ApoE-regulating proteins**, such as ABCA1, LDLR, and IDOL, in Alzheimer's disease. We are also interested in studying the role of **microRNAs** in Alzheimer's disease and other neurodegenerative diseases.

Our recent articles related with the current projects

- 1) **J Neurosci. 2015 Nov 4;35(44):14717-26.** doi: 10.1523/JNEUROSCI.2053-15.2015.
microRNA-33 Regulates ApoE Lipidation and Amyloid- β Metabolism in the Brain.
<http://www.ncbi.nlm.nih.gov/pubmed/26538644>
- 2) **Sci Transl Med. 2015 Nov 18;7(314):314ra184.** doi: 10.1126/scitranslmed.aad1904.
The E3 ubiquitin ligase Idol controls brain LDL receptor expression, ApoE clearance, and A β amyloidosis.
<http://www.ncbi.nlm.nih.gov/pubmed/26582899>

Salary, Benefits, & Career development

- Because the cost of living in Jacksonville, Florida, is lower than most other big cities, salary will be very competitive. Salary will be still matched to the NIH NRSA stipend scale.
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-16-062.html>
- Fringe benefits, including health and dental insurance, are available *for spouse and children*.
- Candidates will have academic and career development opportunities, such as applying for postdoctoral fellowships and attending international conferences.

Candidate's qualifications

- Postdoctoral fellow candidates are expected to have extensive experience with **molecular and cell biology**. Background in **neuroscience** and **microRNAs** is preferred, but not required. In addition, expertise in **transgenic** and **knockdown/knockout approach in mouse models** is preferred.
- Candidates need to be able to propose and execute innovative research projects independently with minimal guidance. Excellent candidates will have ample opportunity to embark on new projects based on his/her own prior expertise, even if Kim lab is not familiar with new research topics.

Application process

- Please email the following items in **one** PDF file to kim.jungsu@mayo.edu
 1. Cover letter (Please do "not" write your cover letter in your email main text section.)
 2. CV, including detail technical expertise and a list of published articles (just titles and PubMed links)
 3. Contact information of at least three referencesReference letters are "not" required for an initial inquiry and will be requested later only for highly qualified candidates.
- Please use "**Job application – Your Name**" in the subject/title of email.

Thanks for your interest!

Jungsu Kim, Ph.D.

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PS) If preferred, onsite interview is available during the following conferences.

<http://www.icmn2016.org>

<http://www.keystonesymposia.org/index.cfm?e=web.meeting.program&meetingid=1423>

<https://www.alz.org/aac/program/overview.asp>

<https://www.sfn.org/annual-meeting/neuroscience-2016>

May 9 – 11, Seoul, Korea

June 12 – 16, Colorado

July 24 – 28, Toronto, Canada

Nov. 12 – 16, San Diego