Yeonwoo Jeong

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As a medical student in Seoul National University with a double major in Psychology, I aspire to become a warm-hearted neuropsychiatrist as well as develop a research career in biological psychiatry. My long-term research goal is to bridge the gap between psychiatric nosology and pathophysiology by intertwining pioneering discoveries in neuroimmunology with a profound understanding of the human mind achievable through clinical expertise.

Education and Training

03/2021 – 02/2028 **Doctor of Medicine & B.A. in Psychology**, Seoul National University, Seoul, South Korea
Microdegree in Neurophysiology (Continuing Research Support Program)
- *Hakgye Merit Scholarship* (full tuition), Spring 2024.
- *Premedical Course Dean's List* (GPA 3.91/4.00)

03/2018 – 02/2021 **High School Diploma**, Korean Minjok Leadership Academy (KMLA), Hoengseong, South Korea
- *Exemplary Student Award*, Feb 2021.
- *Yeongjae Merit Scholarship* (partial tuition) from Fall 2018.

Professional Experiences

11/2024 – Present **Research Collaborator, Cultural and Developmental Psychology Laboratory**
Department of Psychology, Scripps College
- Researched on self-identity in trauma-exposed individuals and culturally sensitive intervention.

12/2021 – Present **Student Research Assistant, Laboratory of Neurological Disease**
Department of Biomedical Sciences, Seoul National University College of Medicine
- Researched on TLR2 as the mediator of α-synuclein propagation in synucleinopathies.
- Researched on oligodendrogliopathy induced by transmission of neuron-released α-synuclein.
- *SNU Physician-Scientist Training Undergraduate Research Scholarship* ($1,200), Oct 2024.
- *Health Fellowship Foundation Research Scholarship* ($5,000), Aug 2024.

Publications and Presentations

** indicates equal contribution*

Bae EJ*, Ham S*, **Jeong Y**, Yang WS, Shin J, Lee WJ, Ahn WJ, Yoon YS, Lee HJ, Park SH, Lee SJ. Anti-TLR2 immunotherapy modulates neuron-to-oligodendrocyte propagation of α-synuclein. *Science Translational Medicine*. Submitted.

Bae EJ*, Ham S*, **Jeong Y**, Yang WS, Shin J, Lee WJ, Ahn WJ, Yoon YS, Lee HJ, Lee SJ. Neuron-to-oligodendrocyte alpha-synuclein transmission in multiple system atrophy is mediated by Toll-like receptor 2. Poster session presented at: 1st Seoul National University Physician-Scientist Training Program Workshop; 2024 Dec 5–6; Incheon, South Korea.

Jeong Y, Bae EJ, Lee SJ. Expression of neural phenotype in alpha-synuclein-exposed human oligodendrocytes. Oral session presented at: Alpha-synuclein inclusion may provoke neuron-oriented transdifferentiation in human oligodendrocytes. 2022 Seoul National University Premedical Course Research Festival; 2022 Dec 16; Seoul National

University College of Medicine, Seoul, South Korea.

Honors and Awards

12/2022 **Premedical Student Research Award** (best presentation, $1,000) for Jeong et al.

06/2021 **Volunteer Social Service Award**, Seoul National University

12/2020 **Talent Award of Korea**, Deputy Prime Minister and Minister of Education of the Republic of Korea
- National honor awarded to 50 high school students with outstanding achievements, $2,000 scholarship

01/2020 **Korean Chemistry Olympiad Finalist: Certificate of Merit**, Korean Chemical Society

08/2019 **Korean Biology Olympiad Finalist: Future Biologist Award**, The Korean Society of Biology Education