

Soyeon Kwon

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Education

Kornberg School of Dental Medicine, Temple University Doctor of Dental Medicine (DMD) Candidate Class of 2029	Expected 2029
Columbia University, College of Physicians and Surgeons Master of Science (M.S.) in Human Nutrition	2015
California State University, Northridge (CSUN) Bachelor of Arts (B.A.) in Biology, <i>Summa Cum Laude</i>	2012

Experience

Dental & Clinical

Dental Assistant Leonida Dental Leonia, NJ	2023–2025
<ul style="list-style-type: none">Assisted Dr. Steve D. Kim, D.D.S. in a fast-paced dental practice, providing chair-side support.Managed patient records, scheduled appointments, and communicated post-operative care instructions.	

Research

Research Assistant Kessler Medical Rehabilitation Research West Orange, NJ	2016–2018
<ul style="list-style-type: none">Analyzed MRI and CT scans to differentiate sub-cortical or cortical regions of stroke.	
Research Assistant Center for LAM and Rare Lung Disease, Columbia University New York, NY	2014–2016
<ul style="list-style-type: none">Executed gene modification using CRISPR/Cas9 system to knock out the TSC2 gene in mESCs.Successfully differentiated neural crest using retinoic acid (RA) from TSC2 knock-out mESCs.	
Research Assistant Fan Lab, University of California Los Angeles (UCLA) Los Angeles, CA	2012–2013
<ul style="list-style-type: none">Developed a novel process to differentiate corneal endothelial cells using mESCs and hiPSCs.Authored and presented research at multiple symposia, winning 1st place at two oral presentations.	

Leadership

President, Korean Graduate Student Association

Columbia University | 2015 – 2016

Mentor, Motivating Our Students Through Experience

Los Angeles, CA | 2013 – 2014

Chair, Free Medical Clinic

New York, NY | 2015

Skills

Laboratory

CRISPR/Cas9, RT-qPCR, Fluorescent Microscopy, Cell Culture (mESCs, hiPSCs), PCR, Immunostaining

Clinical

Dental Instrumentation, Sterilization, Patient Charting

Languages

English (Fluent), Korean (Fluent)

Presentations & Awards

- **Best Presentation Award**, 15th Annual Student Research & Creative Works Symposium, CSUN (2013)
- **Best Presentation Award**, Sigma Xi Symposium, CSUN (2013)
- Oral Presentation: *Human ESC-derived corneal endothelial cells for the treatment of cornea dysfunction*. Sigma Xi Symposium, Northridge, CA (2013)
- Poster Presentation: *Human ESC-derived corneal endothelial cells for the treatment of cornea dysfunction*. CIRM 2013 Bridges Trainee Meeting, San Francisco, CA (2013)