

# **Curriculum Vitae**

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## **Jingu Lee(이진구), Ph.D. Course**

### **Education**

- Oct 2016 – Present      **Ph.D. candidate (Advisor Prof. Pilhan Kim)**  
Graduate School of Nanoscience and Technology  
Korea Advanced Institute of Science and Technology (KAIST), Daejeon,  
Republic of Korea
- Sep 2012 – Feb 2015    **M. S.**  
Department of Dental Science  
Seoul National University, Seoul, Republic of Korea
- Mar 2008 – Feb 2012    **B. S.**  
Biotechnology & Bioinformatics  
Korea University, Sejong, Republic of Korea

### **Awards**

2013, Best Poster Award, Medical Research Center (MRC)

### **Publications**

- Lee J**, Park S, Roh S. "Transdifferentiation of mouse adipose-derived stromal cells into acinar cells of the submandibular gland using a co-culture system", *Experimental Cell Research*, 334, 160-72, 2015
- Lee J**, Park S, Roh S. "Y-27632, a ROCK inhibitor, delays senescence of putative murine salivary gland stem cells in culture", *Archives of Oral Biology*, 60, 875-82, 2015
- Kim D, Jo H, **Lee J**, Kim K, Roh S. "Effects of nanoscale ridge/groovepattern arrayed surface on in vitro differentiation of multi-potent pulp cells derived from human supernumerary teeth", *International Journal of Oral Biology*, 38, 161-167, 2013

### **Presentations**

**Lee J**, Kong E, Kim P, "Intravital Brain Imaging of Chemical-induced Neuroinflammation Mouse Model" *Annual Biophotonics Conference 2017*, Tissue Biophotonics-26, Incheon, Korea, Oct. 2017. (Poster)

**Lee J**, Kong E, Kim P, "In vivo imaging of neuroinflammation mouse model in brain vasculature" **Korea Society for Brain and Neuroscience 2017 (20<sup>th</sup> annual meeting)**, p2-101, Seoul, Korea, Aug.2017 (Poster)

**Lee J**, Kim P, "Intravital imaging of neuroinflammation mouse model in blood brain barrier" **2017 KSMI-FASMI Joint Conference**, p-11, Seoul, Korea, Aug.2017 (Poster)

**Lee J**, Lee M, Ko K, "Cardiomyocyte-specific reporting system for selection of pure population of cardiomyocytes in cardiac differentiation of human induced pluripotent stem cells", **Korean Society for Stem Cell Research**, Seoul, Korea, Aug, 2016. (Poster)

**Lee J**, Roh S, "Direct reprogramming of adipose-derived stromal cells into salivary acinar cells using the co-culture system" **Korean Society of Embryo Transfer**, Korea, 2014. (Poster)

**Lee J**, Park S, Roh S, "Direct conversion of mouse adipose-derived stromal cells into acinar cells of salivary gland using the co-culture system", **Medical Research Center (MRC)**, Daegu, Korea, 2013. (Poster)

**Lee J**, Park S, Roh S, "Conversion of mouse adipose-derived stromal cells into acinar cells of salivary gland using the co-culture system", **Korean Society for Stem Cell Research**, Seoul, Korea, 2013. (Poster)

**Lee J**, Park S, Roh S, "Transdifferentiation of mouse adipose-derived stromal cells into presumptive salivary acinar cells by co-culture system", **International Society for Stem Cell Research (ISSCR)**, Boston, USA, 2013. (Poster)