

JAEEON LEE

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EDUCATION & RESEARCH

Columbia University , Zuckerman Institute, NY Postdoctoral Research Fellow Advisor: Rui Costa	10/2021 ~ current
Harvard University , Department of Neurobiology, MA Ph. D. in Neuroscience, Advisor: Bernardo Sabatini	09/2015 ~ 9/2021
KAIST , Department of Bio and Brain Engineering, Korea B. S. in Bio and Brain Engineering (<i>Magnum cum laude</i>)	09/2010 ~ 02/2015

HONORS & AWARDS

Harvard Brain Initiative Travel Award (visit to Branco's lab)	2019
Iljou foundation Scholarship (5 years)	2015-present
National Excellence Scholarship	2010-2014
Research Internship Scholarship (OIST internship, 6 months)	2013-2014
Exchange Program Scholarship (EPFL Exchange program)	2013
International Internship Program Scholarship (Upenn Summer Computational Neuroscience course)	2013
Honors Student	2012
Best Paper Award, Introduction to Design and Communication	2011

CONFERENCES & TALKS

VIDA Dopamine conference 2021 , Poster, Virtual Conference <i>Striatal indirect pathway mediates exploration via modulation of collicular dynamics</i> (Lee, J.* , Sabatini, B.)	2021
Brain Initiative Meeting 2021 , Poster, Virtual Conference <i>Striatal indirect pathway mediates exploration via modulation of collicular dynamics</i> (Lee, J.* , Sabatini, B.)	2021
Cosyne 2021 , Poster, Virtual Conference <i>Striatal indirect pathway mediates exploration via modulation of collicular dynamics</i> (Lee, J.* , Sabatini, B.)	2021
Neurobiology Departmental Seminar , Talk, Harvard Medical School, MA, US <i>Investigating the computation of the striatal indirect pathway</i> (Lee, J.* , Sabatini, B.)	2019

Tiago Branco's lab , Talk, Sainsbury Wellcome Centre, London, United Kingdom	2019
<i>Investigating the computation of the striatal indirect pathway (Lee, J.*, Sabatini, B.)</i>	
Society for Neuroscience 2018 , Poster, San Diego, US	11/2018
<i>Mapping the basal ganglia topography (Lee, J.*, Wang, W., Sabatini, B.)</i>	

PUBLICATIONS

Lee, J.*, Sabatini, B. Striatal indirect pathway mediates exploration via collicular competition. *Nature*. (accepted).

Lee, J.*, Wang, W., Sabatini, B. Anatomically segregated basal ganglia pathways allow parallel behavioral modulation. *Nat. Neurosci.* 1–11 (2020).

Pisano, F.*, Pisanello, M.*, Lee, S.J. **Lee, J.**, *et al.*. Depth-resolved fiber photometry with a single tapered optical fiber implant. *Nat Methods* 16, 1185–1192 (2019).

TEACHING

Teaching assistant for Matlab Bootcamp (assisted programming in Matlab)	6/2019
Teaching assistant for Thinking about Data (assisted programming in Matlab/statistical analysis)	9/2018

REFERENCES

Bernardo Sabatini, MD, PhD

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Naoshige Uchida, PhD

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