

JAEEON LEE

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EDUCATION & RESEARCH

Harvard University , Department of Molecular & Cellular Biology, MA Postdoctoral Research Fellow Advisor: Naoshige Uchida	10/2022 ~ current
Columbia University , Zuckerman Institute, NY Postdoctoral Research Fellow Advisors: Rui Costa, Sean Escola	10/2021 ~ 9/2022
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

Harold M. Weintraub Graduate Student Award	2022
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	2021
<i>Striatal indirect pathway mediates exploration via modulation of collicular dynamics (Lee, J.*, Sabatini, B.)</i>	
Brain Initiative Meeting 2021 , Poster, Virtual Conference	2021
<i>Striatal indirect pathway mediates exploration via modulation of collicular dynamics (Lee, J.*, Sabatini, B.)</i>	
Cosyne 2021 , Poster, Virtual Conference	2021
<i>Striatal indirect pathway mediates exploration via modulation of collicular dynamics (Lee, J.*, Sabatini, B.)</i>	

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

PUBLICATIONS

Lee, J.*, Sabatini, B.L. Striatal indirect pathway mediates exploration via collicular competition. *Nature* 599, 645–649 (2021).

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 & OUTREACH

Black Undergraduate Mentorship Program (BUMP) mentor	2/2022
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

Professor of Neurobiology

Harvard Medical School Department of Neurobiology

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Rui Costa, DVM, PhD

Professor of Neuroscience and Neurology

Jerome L. Greene Science Center

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