

# JAEEON LEE

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## EDUCATION & RESEARCH

<b>Columbia University</b> , Zuckerman Institute, NY Postdoctoral Research Fellow Advisors: Rui Costa, Sean Escola	10/2021 ~ current
<b>Harvard University</b> , Department of Neurobiology, MA Ph. D. in Neuroscience, Advisor: Bernardo Sabatini	09/2015 ~ 9/2021
<b>KAIST</b> , 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

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

*Investigating the computation of the striatal indirect pathway* (**Lee, J.\***, Sabatini, B.)

**Society for Neuroscience 2018**, Poster, San Diego, US

11/2018

*Mapping the basal ganglia topography* (**Lee, J.\***, Wang, W., Sabatini, B.)

## PUBLICATIONS

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**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

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<b>Black Undergraduate Mentorship Program (BUMP)</b> mentor	2/2022
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<b>Teaching assistant</b> for Matlab Bootcamp (assisted programming in Matlab)	6/2019
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<b>Teaching assistant</b> for Thinking about Data (assisted programming in Matlab/statistical analysis)	9/2018
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## REFERENCES

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### **Bernardo Sabatini, MD, PhD**

*Professor of Neurobiology*

Harvard Medical School Department of Neurobiology

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### **Mark Anderman, PhD**

*Associate Professor in Medicine*

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3 Blackfan Circle, Boston, MA 02115

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### **Naoshige Uchida, PhD**

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