JAEEON LEE

Columbia University Zuckerman Institute

JLG Science Center

3227 Broadway, New York, NY 10027

Email: jl6139@columbia.edu Website: https://jel0624.github.io/

Cell: +1-857-701-0777

Columbia University, Zuckerman Institute, NY Postdoctoral Research Fellow Advisors: Rui Costa, Sean Escola Harvard University, Department of Neurobiology, MA 09/2015 – 9/2021 Ph. D. in Neuroscience, Advisor: Bernardo Sabatini KAIST, Department of Bio and Brain Engineering, Korea B. S. in Bio and Brain Engineering (Magnum cum laude) HONORS & AWARDS Harold M. Weintraub Graduate Student Award Harvard Brain Initiative Travel Award (visit to Branco's lab) 2019 Iljou foundation Scholarship (5 years) 2015-present National Excellence Scholarship (IST internship, 6 months) 2010-2014 Research Internship Scholarship (EPFL Exchange program) 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 CONFERENCES & TALKS VIDA Dopamine conference 2021, Poster, Virtual Conference Striatal indirect pathway mediates exploration via modulation of collicular dynamics (Lee, J.*, Sabatini, B.) Brain Initiative Meeting 2021, Poster, Virtual Conference Striatal indirect pathway mediates exploration via modulation of collicular dynamics (Lee, J.*, Sabatini, B.) Cosyne 2021, Poster, Virtual Conference Striatal indirect pathway mediates exploration via modulation of collicular dynamics (Lee, J.*, Sabatini, B.) Neurobiology Departmental Seminar, Talk, Harvard Medical School, MA, US meestigating the computation of the striatal indirect pathway (Lee, J.*, Sabatini, B.) Tiago Branco's lab, Talk, Sainsbury Wellcome Centre, London, United Kingdom 2019	EDUCATION & RESEARCH	
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Investigating the computation of the striatal indirect pathway (Lee, J.*, Sabatini, B.)

Society for Neuroscience 2018, Poster, San Diego, US

Mapping the basal ganglia topography (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

200 Longwood Avenue, Boston MA 02115

Email: bernardo_sabatini@hms.harvard.edu

Mark Anderman, PhD

Associate Professor in Medicine

Beth Israel Deaconess Medical Center, Center for Life Sciences, Room 701,

3 Blackfan Circle, Boston, MA 02115

Email: manderma@bidmc.harvard.edu

Naoshige Uchida, PhD

Professor of Molecular and Cellular Biology

Harvard University Biolabs 4057

16 Divinity Avenue, Cambridge, MA 02138

Email: uchida@mcb.harvard.edu

11/2018