

# Qian Lin, Ph.D.

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## PROFESSIONAL POSITIONS

09/2022 – present    **Assistant Professor** in systems neuroscience  
Department of Cell & Systems Biology, University of Toronto, Canada  
08/2016 – 08/2022    **Postdoctoral Fellow** with Prof. Alipasha Vaziri  
The Rockefeller University, New York, USA  
09/2015 – 07/2016    **Postdoctoral Researcher** with Prof. Alipasha Vaziri  
Research Institute of Molecular Pathology (IMP), Vienna, Austria

## EDUCATION

08/2011 – 01/2016    **PhD in Neuroscience**, with Prof. Suresh Jesuthasan  
NUS Graduate School for Integrative Sciences and Engineering, National University of  
Singapore (NUS), Singapore  
09/2007 – 07/2011    **BSc in Biology**, with Prof. Bing Hu  
University of Science and Technology of China (USTC), China

## AWARDS / SCHOLARSHIPS

03/2019 – 05/2021    **Leon Levy Fellowship**, Leon Levy Foundation, USA  
01/2015    **Travel Award** for NIG Collaborative Research Program, National Institute of Genetics, Japan  
2014    **Gold Medal**, the 8th National Taekwondo Poomsae Championships, Singapore  
08/2011 – 08/2015    **NUS NGS Scholarship** - The best graduate scholarship for foreign students, Singapore  
2008    USTC Undergraduate Scholarship, China  
2007    USTC Freshman Scholarship, China

## PUBLICATIONS

**Lin, Q.**, Manley, J., Helmreich, M., Schlumm, F., Li, J.M., Robson, D.N., Engert, F., Schier, A., Nöbauer, T., & Vaziri, A. Cerebellar neurodynamics predict decision timing and outcome on the single-trial level. *Cell* 180, 536–551.e17(2020).

**Lin, Q.** & Jesuthasan, S. Masking of a circadian behavior in larval zebrafish involves the thalamo-habenula pathway. *Scientific Reports* 7, R927 (2017).

Cheng, R. K.\*, Krishnan, S.\*, **Lin, Q.**, Kibat, C. & Jesuthasan, S. Characterization of a thalamic nucleus mediating habenula responses to change in illumination. *BMC Biol.* 15, 104 (2017).

## GRANTS

09/2023 – 08/2025    XSeed Grant, University of Toronto  
09/2023 – 09/2028    John R. Evans Leaders Fund, Canada Foundation for Innovation  
04/2023 – 03/2028    Natural Sciences and Engineering Research Council (NSERC) – Discovery Grants  
04/2023 – 03/2025    Connaught New Researcher Award, University of Toronto

## **STUDENT SCHOLARSHIPS**

- 05/2023 – 08/2023 Undergraduate Summer Research Award, Department of Cell & Systems Biology, University of Toronto (Michelle Sun)
- 05/2023 – 08/2023 ESROP – U of T fellowship, Division of Engineering Science, University of Toronto (Michelle Sun)
- 05/2023 – 08/2023 University of Toronto Excellence Award (UTEA), University of Toronto (Bohan Yao)

## **SELECTED PRESENTATIONS**

- 03/2023 Selected talk at the 1st Canadian Zebrafish Research Community Scientific meeting, Montreal, Canada
- 01/2023 **Talk** at Department of Biology, McGill University, Canada
- 11/2022 **Talk** at Department of Biology, University of Ottawa, Canada
- 03/2022 **Talk** at Department of Neurobiology, Northwestern University, USA
- 02/2022 **Talk** at HHMI's Janelia Research Campus, USA
- 02/2022 **Talk** at Department of Neurobiology and Behavior, Stony Brook University, USA
- 01/2022 **Talk** at Department of Cell & Systems Biology, University of Toronto, Canada
- 11/2021 **Talk** at Edmond and Lily Safra Center for Brain Sciences, The Hebrew University, Israel
- 11/2021 **Talk** at Leon Levy Neuroscience Seminar, The Rockefeller University, USA
- 10/2021 **Talk and poster** at Janelia Junior Scientist Workshop on Mechanistic Cognitive Neuroscience, HHMI's Janelia Research Campus, USA
- 09/2021 **Talk** at SickKids, The Hospital for Sick Children, the University of Toronto, Canada
- 12/2020 **Talk** at Leon Levy Fellows in Neuroscience Symposium, NYU Langone Health, USA
- 09/2020 **Talk** at the School of Life Sciences, Swiss Federal Institute of Technology Lausanne (EPFL), Switzerland
- 03/2020 **Selected talk** at Cold Spring Harbor Conference: Neuronal Circuits, USA
- 01/2020 **Talk** at Kavli Neural Systems Institute Mini-Symposium, The Rockefeller University,
- 11/2019 Poster at Cold Spring Harbor Conference: Zebrafish Neural Circuits & Behavior, USA
- 06/2015 **Selected talk** at the 9th European Zebrafish Meeting, Oslo, Norway
- 05/2014 **Selected talk** at Cold Spring Harbor-Asia Conference: Neural Circuit Basis of Behavior and Its Disorders, Suzhou, China