

## **Xiaoyin Chen**

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### **Education:**

Cold Spring Harbor Laboratory Post-doctoral fellow in Anthony Zador's lab	2015-
Columbia University Post-doctoral fellow in Martin Chalfie's lab	2013 - 2014
Columbia University, PhD in Biological Sciences, Supervisor: Martin Chalfie	2005 - 2013
Tsinghua University, BS in Biological Sciences.	2001- 2005
University of Hong Kong Exchange Program	2003 - 2004

### **Employment:**

Novozymes (China) Investment Co., Ltd Research Assistant	2004
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### **Honors and Awards:**

Simons Collaboration on the Global Brain Fellowship	2015
Kavli Award for Distinguished Research in Neuroscience	2013
Tsinghua University Scholarship	2001-2005
First award, Tsinghua University Biology Field Study Convention	2002
First award, Beijing College Student Physics Contest	2002

### **Teaching Experience:**

Teaching Assistant for <i>Genetics</i> class at Columbia University	2006
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### **Publications:**

**Chen, X.**, Kebschull, JM., Zhan, H., Sun, Y., and Zador, AM. (2018) High-throughput mapping of long-range neuronal projection using *in situ* sequencing. BioRxiv. doi: 10.1101/294637.

**Chen, X.**, Sun, Y., Church, GM., Lee, JH., and Zador, AM. (2018). Efficient *in situ* barcode sequencing using padlock probe-based BaristaSeq. Nucleic Acids Res. doi: 10.1093/nar/gkx1206.

**Chen, X.** and Chalfie, M. (2015). Regulation of mechanosensation in *C. elegans* through

ubiquitination of the MEC-4 mechanotransduction channel. *J Neurosci.* 35, 2200-2212.

**Chen, X.**, Diaz Cuadros, M., and Chalfie, M. (2015). Identification of non-viable genes affecting touch sensitivity in *C. elegans* using neuronally-enhanced feeding RNAi. *G3.* 5, 467-475.

**Chen, X.** and Chalfie, M. (2014). Modulation of *C. elegans* touch sensitivity is integrated at multiple levels. *J Neurosci.* 34, 6522-6536.

Calixto, A., Chelur, D., Topalidou, I., **Chen, X.** and Chalfie, M. (2010). Enhanced neuronal RNAi in *C. elegans* using SID-1. *Nat Methods.* 7, 554-559.