

- **Name:** **Jin Billy Li**
 - **Current Position & Affiliation:** **Associate Professor, Stanford University**
 - **Country:** **USA**
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• Educational Background:

01/2006 – 08/2010 Postdoctoral Research Fellow
Department of Genetics, Harvard Medical School, Boston

08/2000 – 08/2005 Ph.D. in Genetics
Washington University School of Medicine, St. Louis

09/1997 – 06/1999 M.S. in Molecular Biology and Biochemistry
Tsinghua University, Beijing, China

09/1992 – 06/1997 B.S. in Biological Sciences and Biotechnology
Tsinghua University, Beijing, China

• Professional Experience:

12/1/2017 – Present Associate Professor (with tenure)
Department of Genetics, Stanford University, Stanford

9/1/2010 – 11/30/2017 Assistant Professor
Department of Genetics, Stanford University, Stanford

• Professional Organizations:

American Society of Human Genetics
RNA society

• Main Scientific Publications (recent 10 representative publications):

1. Freund EC, Sapiro AL, Li Q, Linder S, Moresco JJ, Yates JR, **Li JB** (2020) Unbiased identification of *trans* regulators of ADAR and A-to-I RNA editing. *Cell Reports*, 31(7):107656. <https://doi.org/10.1016/j.celrep.2020.107656>
2. Sapiro AL, Freund EC, Restrepo L, Qiao HH, Bhate A, Li Q, Ni JQ, Mosca TJ, **Li JB** (2020) Zinc finger RNA binding protein Zn72D regulates ADAR-mediated RNA editing in neurons. *Cell Reports*, 31(7):107654. <https://doi.org/10.1016/j.celrep.2020.107654>
3. Deng P, Khan A, Jacobson D, Sambrani N, McGurk L, Li X, Jayasree A, Hejatko J, Shohat-Ophir G, O'Connell MA, **Li JB**[†], Keegan KP[†] (2020) Adar RNA editing-

- dependent and -independent effects are required for brain and innate immune functions in *Drosophila*. *Nature Communications*, 11(1):1580. doi: 10.1038/s41467-020-15435-1 [† co-corresponding author]
4. Sapiro AL, Shmueli A, Henry GL, Li Q, Shalit T, Yaron O, Paas Y, **Li JB**[†], Shohat-Ophir G[†] (2019) Illuminating spatial A-to-I RNA-editing signatures within the *Drosophila* brain. *PNAS*, 116(6):2318-2327 [† co-corresponding author]
 5. Yablonovitch A, Fu J, Li K, Mahato S, Kang L, Rashkovestsky E, Korol AB, Tang H, Michalak P, Zellhof AC, Nevo E, **Li JB** (2017) Regulation of gene expression and RNA editing in *Drosophila* adapting to divergent microclimates. *Nature Communications*, 8(1):1570
 6. Tan MH, Li Q, Shanmugam R, Piskol R, Kohler J, Young AN, Liu KI, Zhang R, Ramaswami G, Ariyoshi K, Gupte A, Keegan LP, George CX, Huang N, Pollina EA, Leeman D, Rustighi A, Goh YPS, The GTEx Consortium, Chawla A, Del Sal G, Peltz G, Brunet A, Conrad DF, Samuel CE, O'Connell MA, Walkley CR, Nishikura K, **Li JB** (2017) Dynamic landscape and regulation of RNA editing in mammals. *Nature*, 550:249-254
 7. Zhang R, Deng P, Jacobson D, **Li JB** (2017) Evolutionary Analysis Reveals Regulatory and Functional Landscape of Coding and Non-Coding RNA Editing. *PLoS Genetics*, 13(2): e1006563.
 8. Ramaswami G, Deng P, Zhang R, Carbone MA, Mackay TFC, **Li JB** (2015) Genetic mapping uncovers cis-regulatory landscape of RNA editing. *Nature Communications*, 6:8194
 9. Liddicoat B, Piskol R, Chalk A, Ramaswami G, Higuchi M, Hartner J, **Li JB**[†], Seeburg PH[†], Walkley C[†] (2015) RNA editing by ADAR1 prevents MDA5 sensing of endogenous dsRNA as non-self. *Science*, 349:1115-1120 [† equal contribution]
 10. Sapiro A, Deng P, Zhang R, **Li JB** (2015) Cis regulatory effects on A-to-I RNA editing in related *Drosophila* species. *Cell Reports*, 11:697-703