







JIANG, YUE 姜岳







EDUCATION

- 2004 | 2008  **Peking University**
B.S., School of Life Sciences  Beijing, China
- 2009 | 2015  **Duke University**
Ph.D., University Program of Genetics and Genomics  Durham, NC
- 2014 | 2015  **Duke University**
M.S., Statistical Science (concurrent)  Durham, NC






EXPERIENCE

- 2016 | present  **Data Scientist → Senior Data Scientist / Senior Scientist**
Juno Therapeutics / Celgene / Bristol-Myers Squibb  Seattle, WA
- 2015  **Decision Support Engineering Analyst Intern**
Google [X] / Verily Life Sciences  Mountain View, CA

PUBLICATIONS AND PREPRINTS

- 2018  **High-throughput mapping of meiotic crossover and chromosome mis-segregation events in interspecific hybrid mice.**
bioRxiv
Yin Y, **Jiang Y**, Berletch JB, Disteche CM, Noble WS, Steemers FJ, Adey AC, Shendure JA.
 doi.org/10.1101/338053
- 2017  **Single-cell sequencing reveals $\alpha\beta$ chain pairing shapes the T cell repertoire.**
bioRxiv
Grigaityte K, Carter JA, Goldfless SJ, Jeffery EW, Hause RJ, **Jiang Y**, Koppstein D, Briggs AW, Church GM, Vigneault F, Atwal GS.
 doi.org/10.1101/213462
- 2017  **Variation in olfactory neuron repertoires is genetically controlled and environmentally modulated.**
eLife
Ibarra-Soria X, Nakahara TS, Lilue J, **Jiang Y**, Trimmer C, Souza MA, Netto PH, Ikegami K, Murphy NR, Kusma M, Kirton A, Saraiva LR, Keane TM, Matsunami H, Mainland JD, Papes F, Logan DW.
 doi.org/10.7554/eLife.21476

CONTACT INFO

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SKILLS

Proficient
R
Intermediate
Python
Shell script
Have experience
HTML5 and CSS
C++
Perl

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- 2015  **Molecular profiling of activated olfactory neurons identifies odorant receptors for odors *in vivo*.**
Nature Neuroscience
Jiang Y, Gong N, Hu X, Ni J, Pasi R, Matsunami H.
 doi.org/10.1038/nn.4104
- 2015  **Muscarinic acetylcholine receptor M3 modulates odorant receptor activity via inhibition of β -arrestin-2 recruitment.**
Nature Communications
Jiang Y*, Li Y*, Tian H, Ma M, Matsunami H. *equal contributions.
 doi.org/10.1038/ncomms7448
- 2015  **Mammalian odorant receptors: functional evolution and variation.**
Current Opinion in Neurobiology
Jiang Y and Matsunami H.
 doi.org/10.1016/j.conb.2015.01.014
- 2014  **Calreticulin: roles in cell-surface protein expression.**
Membranes
Jiang Y, Dey S, Matsunami H.
 doi.org/10.3390/membranes4030630
- 2014  **Astringency: a more stringent definition.**
Chemical Senses
Jiang Y, Gong N, Matsunami H.
 doi.org/10.1093/chemse/bju021
- 2012  **Endocytic sorting and recycling require membrane phosphatidylserine asymmetry maintained by TAT-1/CHAT-1.**
Plos Genetics
Chen B, **Jiang Y**, Zeng S, Yan J, Li X, Zhang Y, Zou W, Wang X.
 doi.org/10.1371/journal.pgen.1001235