



## Chen Ran

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### • Education

Period	Affiliation	Position
- 2011-2017	Stanford University	Ph.D.
- 2007-2011	Peking University	B.A.

### • Affiliations / Experience

Period	Affiliation	Position
- 2017-2024	Harvard Medical School	Postdoctoral Fellow
- 2010	Washington University in St. Louis	Research Assistant

### • Publications

- Ran C, Boettcher JC, Kaye JA, Gallori CE, Liberles SD. A brainstem map for visceral sensations. *Nature*. 2022 Sep;609(7926):320-326. doi: 10.1038/s41586-022-05139-5. Epub 2022 Aug 31. Erratum in: *Nature*. 2022 Nov;611(7934):E6. doi: 10.1038/s41586-022-05414-5. PMID: 36045291; PMCID: PMC9452305
- Ran C, Hoon MA, Chen X. The coding of cutaneous temperature in the spinal cord. *Nat Neurosci*. 2016 Sep;19(9):1201-9. doi: 10.1038/nn.4350. Epub 2016 Jul 25. PMID: 27455110; PMCID: PMC5599125
- Ran C, Kamalani GNA, Chen X. Modality-Specific Modulation of Temperature Representations in the Spinal Cord after Injury. *J Neurosci*. 2021 Sep 29;41(39):8210-8219. doi: 10.1523/JNEUROSCI.1104-21.2021. Epub 2021 Aug 18. PMID: 34408066; PMCID: PMC8482863
- Ran C, Chen X. Probing the coding logic of thermosensation using spinal cord calcium imaging. *Exp Neurol*. 2019 Aug;318:42-49. doi: 10.1016/j.expneurol.2019.04.009. Epub 2019 Apr 20. PMID: 31014574; PMCID: PMC6993943
- Lammel S, Lim BK, Ran C, Huang KW, Betley MJ, Tye KM, Deisseroth K, Malenka RC. Input-specific control of reward and aversion in the ventral tegmental area. *Nature*. 2012 Nov 8;491(7423):212-7. doi: 10.1038/nature11527. Epub 2012 Oct 14. PMID: 23064228; PMCID: PMC3493743