

Stanford



Soumya Kundu

Ph.D. Student in Computer Science, admitted Autumn 2018

Bio

EDUCATION AND CERTIFICATIONS

- Master of Science, University of Connecticut , Computer Science and Engineering (2018)
- Bachelor of Science, University of Connecticut , Computer Science and Engineering (2018)

LINKS

- LinkedIn: <https://www.linkedin.com/in/soumya-kundu/>

Publications

PUBLICATIONS

- **Single-nucleus chromatin accessibility profiling highlights regulatory mechanisms of coronary artery disease risk.** *Nature genetics*
Turner, A. W., Hu, S. S., Mosquera, J. V., Ma, W. F., Hodonsky, C. J., Wong, D., Auguste, G., Song, Y., Sol-Church, K., Farber, E., Kundu, S., Kundaje, A., Lopez, et al
2022
- **Single-cell epigenomic analyses implicate candidate causal variants at inherited risk loci for Alzheimer's and Parkinson's diseases.** *Nature genetics*
Corces, M. R., Shcherbina, A., Kundu, S., Gloudemans, M. J., Fresard, L., Granja, J. M., Louie, B. H., Eulalio, T., Shams, S., Bagdatli, S. T., Mumbach, M. R., Liu, B., Montine, et al
2020
- **Assessing the accuracy of phylogenetic rooting methods on prokaryotic gene families** *PLOS ONE*
Wade, T., Rangel, L., Kundu, S., Fournier, G. P., Bansal, M. S.
2020; 15 (5): e0232950
- **SaGePhy: An improved phylogenetic simulation framework for gene and subgene evolution.** *Bioinformatics (Oxford, England)*
Kundu, S., Bansal, M. S.
2019
- **RANGER-DTL 2.0: rigorous reconstruction of gene-family evolution by duplication, transfer and loss** *BIOINFORMATICS*
Bansal, M. S., Kellis, M., Kordi, M., Kundu, S.
2018; 34 (18): 3214–16
- **On the impact of uncertain gene tree rooting on duplication-transfer-loss reconciliation**
Kundu, S., Bansal, M. S.
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