

Stanford

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Ph.D. Student in Computer Science, admitted Autumn 2019

Publications

PUBLICATIONS

- **fastISM: Performant in-silico saturation mutagenesis for convolutional neural networks.** *Bioinformatics (Oxford, England)*
Nair, S., Shrikumar, A., Schreiber, J., Kundaje, A.
2022
- **ZEB2 Shapes the Epigenetic Landscape of Atherosclerosis.** *Circulation*
Cheng, P., Wirka, R. C., Clarke, L. S., Zhao, Q., Kundu, R., Nguyen, T., Nair, S., Sharma, D., Kim, H. J., Shi, H., Assimes, T., Kim, J. B., Kundaje, et al
2022
- **AP-1 is a temporally regulated dual gatekeeper of reprogramming to pluripotency.** *Proceedings of the National Academy of Sciences of the United States of America*
Markov, G. J., Mai, T., Nair, S., Shcherbina, A., Wang, Y. X., Burns, D. M., Kundaje, A., Blau, H. M.
2021; 118 (23)
- **Integrating regulatory DNA sequence and gene expression to predict genome-wide chromatin accessibility across cellular contexts**
Nair, S., Kim, D. S., Perricone, J., Kundaje, A.
OXFORD UNIV PRESS.2019: I108–I116
- **Deciphering regulatory DNA sequences and noncoding genetic variants using neural network models of massively parallel reporter assays.** *PloS one*
Movva, R. n., Greenside, P. n., Marinov, G. K., Nair, S. n., Shrikumar, A. n., Kundaje, A. n.
2019; 14 (6): e0218073
- **The Big Win Strategy on Multi-Value Network: An Improvement over AlphaZero Approach for 6x6 Othello**
Chang, N., Chen, C., Lin, S., Nair, S., Assoc Comp Machinery
ASSOC COMPUTING MACHINERY.2018: 78–81