

## PUBLICATIONS:

1. Bharambe N, Saharan K, **Vasudevan D**<sup>#</sup>, Basak S<sup>#</sup>. 2025. 2.0 Å cryo-EM structure of the 55 kDa nucleoplasmin domain of AtFKBP53. **Journal of Structural Biology** 217(2): 108203. DOI: 10.1016/j.jsb.2025.108203. [<sup>#</sup> Co-corresponding authors]
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3. Sundaram R, Gandhi S, Jonak C, **Vasudevan D**. 2024. Characterization of the *Arabidopsis thaliana* chromatin remodeler DEK3 for its interaction with histones and DNA. **Biochimie** 227(Pt A): 248-261. DOI: 10.1016/j.biochi.2024.07.018.
4. Bharambe N, Saharan K, **Vasudevan D**<sup>#</sup>, Basak S<sup>#</sup>. 2024. Cryo-EM structure of a 55-kDa nucleoplasmin protein. **Biophysical Journal** 123(3): 184a Conference abstract. DOI: 10.1016/j.bpj.2023.11.1194. [<sup>#</sup> Co-corresponding authors].
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8. Saharan K, Baral S, Hossain SN, **Vasudevan D**. 2023. Structure-function analyses reveal *Arabidopsis thaliana* HDA7 to be an inactive histone deacetylase. **Elsevier SSRN** 4635514. DOI: 10.2139/ssrn.4635514. [pre-print article]
9. Mishra LN, Thiriet C, **Vasudevan D**. 2023. Editorial: Chromatin structure and function. **Frontiers in Genetics** 14:1140534. DOI: 10.3389/fgene.2023.1140534.
10. Bobde RC, Kumar A, **Vasudevan D**. 2022. Plant-specific HDT family histone deacetylases are nucleoplasmins. **The Plant Cell** 34(12): 4760-4777. DOI: 10.1093/plcell/koac275.
11. Singh AK, Saharan K, Baral S, Luan S, **Vasudevan D**. 2022. The plant nucleoplasmin AtFKBP43 needs its extended arms for histone interaction. **Biochimica et Biophysica Acta - Gene Regulatory Mechanisms** 1865(7): 194872. DOI: 10.1016/j.bbagr.2022.194872.
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