



Michael David Clark

- Affiliate, Department Funds
- Resident in Graduate Medical Education

Bio

BIO

Internal medicine resident interested in molecular and cellular determinants of heart failure and arrhythmia

Background in biophysics of ion channels and biochemistry of chromatin-modifying complexes

<https://scholar.google.com/citations?user=OgRcklwAAAAJ&hl=en>

Publications

PUBLICATIONS

- **The conformational cycle of prestin underlies outer-hair cell electromotility** *NATURE*
Bavi, N., Clark, M., Contreras, G. F., Shen, R., Reddy, B. G., Milewski, W., Perozo, E.
2021; 600 (7889): 553-+
- **Electromechanical coupling in the hyperpolarization-activated K⁺ channel KAT1.** *Nature*
Clark, M. D., Contreras, G. F., Shen, R., Perozo, E.
2020; 583 (7814): 145-149
- **Locking the Elbow: Improved Antibody Fab Fragments as Chaperones for Structure Determination.** *Journal of molecular biology*
Bailey, L. J., Sheehy, K. M., Dominik, P. K., Liang, W. G., Rui, H., Clark, M., Jaskolowski, M., Kim, Y., Deneka, D., Tang, W. J., Kossiakoff, A. A.
2018; 430 (3): 337-347
- **Solution NMR Studies of an Alternative Mode of Sin3 Engagement by the Sds3 Subunit in the Histone Deacetylase-Associated Sin3L/Rpd3L Corepressor Complex.** *Journal of molecular biology*
Clark, M. D., Zhang, Y., Radhakrishnan, I.
2015; 427 (24): 3817-23
- **Molecular Basis for the Mechanism of Constitutive CBP/p300 Coactivator Recruitment by CRTCl-MAML2 and Its Implications in cAMP Signaling.** *Biochemistry*
Clark, M. D., Kumar, G. S., Marcum, R., Luo, Q., Zhang, Y., Radhakrishnan, I.
2015; 54 (35): 5439-46
- **Structural insights into the assembly of the histone deacetylase-associated Sin3L/Rpd3L corepressor complex.** *Proceedings of the National Academy of Sciences of the United States of America*
Clark, M. D., Marcum, R., Graveline, R., Chan, C. W., Xie, T., Chen, Z., Ding, Y., Zhang, Y., Mondragón, A., David, G., Radhakrishnan, I.
2015; 112 (28): E3669-78