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### Refereed Papers/Articles

- Robbe Z.L., Shi W., Wasson L.K., Scialdone A.P., Wilczewski C.M., Sheng X., Hepperla A.J., Akerberg B.N., Pu W.T., Cristea I.M., Davis I.J., Conlon F.L. CHD4 is recruited by GATA4 and NKX2-5 to repress noncardiac gene programs in the developing heart. *Genes Dev.* 36:468-482. 2022.
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- Marcel S.S., Quimby A.L., Noel M.P., Jaimes O.C., Mehrab-Mohseni M., Ashur S.A., Velasco B., Tsuruta J.K., Kasoji S.K., Santos C.M., Dayton P.A., Parker J.S., Davis I.J.\*, Pattenden S.G.\* Genome-wide cancer-specific chromatin accessibility patterns derived from archival process xenograft tumors. *Genome Research.* 31:2327-2339. Doi:10.1101/gr.275219.121. 2021.
- Chen M., Foster II J.P., Leisenring N.H., Lock I., Daniel A.R., Floyd R.W., Xu E.S., Davis I.J., Kirsch D.G. Radiation-induced phosphorylation of a prion-like domain regulates transformation by FUS-CHOP. *Cancer Research.* Doi: 10.1158/0008-5472.CAN-20-1497. 2021.
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- Slaughter M.J., Shanle E.K., Khan A., Chua K.F., Hong T., Boxer L.D., Allis C.D., Josefowicz S.Z., Garcia B.A., Rothbart S.B., Strahl B.D.\*, Davis I.J.\* HDAC inhibition results in widespread alteration of the histone acetylation landscape and BRD4 targeting to gene bodies. *Cell Reports.* 2021. \*Corresponding authors.
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- Bailey M.H., Meyerson W.U., Dursi L.J., Wang L.B., Dong G., Lian W.W., Weerasinghe A., Li S., Kelso S., MC3 Working Group, PCAWG novel somatic mutation calling methods working group, Saksena G, Ellrott K, Wendl MC, Wheeler DA, Getz G, Simpson JT, Gerstein MB, Ding L, PCAWG Working Group. Retrospective evaluation of whole exome and genome mutations calls in 746 cancer samples. *Nature Communications.* 11:4748. 2020.
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