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Publications

PUBLICATIONS

- **Integrative multiomic approaches reveal ZMAT3 and p21 as conserved hubs in the p53 tumor suppression network.** *Cell death and differentiation*
  Boutelle, A. M., Mabene, A. R., Yao, D., Xu, H., Wang, M., Tang, Y. J., Lopez, S. S., Sinha, S., Demeter, J., Cheng, R., Benard, B. A., McCrea, E. M., Valente, et al
  2025

- **Targeting p53 gain-of-function activity in cancer therapy: a cautionary tale.** *Cell death and differentiation*
  Attardi, L. D., Boutelle, A. M.
  2023

- **The Mettl3 epitranscriptomic writer amplifies p53 stress responses.** *Molecular cell*
  Raj, N., Wang, M., Seoane, J. A., Zhao, R. L., Kaiser, A. M., Moonie, N. A., Demeter, J., Boutelle, A. M., Kerr, C. H., Mulligan, A. S., Moffatt, C., Zeng, S. X., Lu, et al
  2022

- **p53 and Tumor Suppression: It Takes a Network.** *Trends in cell biology*
  Boutelle, A. M., Attardi, L. D.
  2021

- **Zmat3 Is a Key Splicing Regulator in the p53 Tumor Suppression Program.** *Molecular cell*
  Bieging-Rolett, K. T., Kaiser, A. M., Morgens, D. W., Boutelle, A. M., Seoane, J. A., Van Nostrand, E. L., Zhu, C., Houlihan, S. L., Mello, S. S., Yee, B. A., McClendon, J., Pierce, S. E., Winters, et al
  2020; 80 (3): 452

- **p53 deficiency triggers dysregulation of diverse cellular processes in physiological oxygen.** *The Journal of cell biology*
  Valente, L. J., Tarangelo, A. n., Li, A. M., Naciri, M. n., Raj, N. n., Boutelle, A. M., Li, Y. n., Mello, S. S., Bieging-Rolett, K. n., DeBerardinis, R. J., Ye, J. n., Dixon, S. J., Attardi, et al
  2020; 219 (11)

- **The interaction between fibrinogen and zymogen FXIII-A2B2 is mediated by fibrinogen residues γ390-396 and the FXIII-B subunits.** *Blood*
  Byrnes, J. R., Wilson, C., Boutelle, A. M., Brandner, C. B., Flick, M. J., Philippou, H., Wolberg, A. S.
  2016; 128 (15): 1969-1978