

## NETRF Speaker-Cited Literature

Below find the citations of the publications made available by some of the NETRF Symposium speakers.

### Session 5

#### **Laura Banaszynski (5)**

Law MJ, Lower KM, Voon HP, Hughes JR, Garrick D, Viprakasit V, Mitson M, De Gobbi M, Marra M, Morris A, Abbott A, Wilder SP, Taylor S, Santos GM, Cross J, Ayyub H, Jones S, Ragoussis J, Rhodes D, Dunham I, Higgs DR, Gibbons RJ. ATR-X syndrome protein targets tandem repeats and influences allele-specific expression in a size-dependent manner. *Cell*. 2010 Oct 29;143(3):367-78. doi: 10.1016/j.cell.2010.09.023. PMID: 21029860.

Huh MS, Ivanochko D, Hashem LE, Curtin M, Delorme M, Goodall E, Yan K, Picketts DJ. Stalled replication forks within heterochromatin require ATRX for protection. *Cell Death Dis*. 2016 May 12;7(5):e2220. doi: 10.1038/cddis.2016.121. PMID: 27171262; PMCID: PMC4917659.

Wang Y, Yang J, Wild AT, Wu WH, Shah R, Danussi C, Riggins GJ, Kannan K, Sulman EP, Chan TA, Huse JT. G-quadruplex DNA drives genomic instability and represents a targetable molecular abnormality in ATRX-deficient malignant glioma. *Nat Commun*. 2019 Feb 26;10(1):943. doi: 10.1038/s41467-019-08905-8. PMID: 30808951; PMCID: PMC6391399.

Prorok P, Artufel M, Aze A, Coulombe P, Peiffer I, Lacroix L, Guédin A, Mergny JL, Damaschke J, Schepers A, Cayrou C, Teulade-Fichou MP, Ballester B, Méchali M. Involvement of G-quadruplex regions in mammalian replication origin activity. *Nat Commun*. 2019 Jul 22;10(1):3274. doi: 10.1038/s41467-019-11104-0. Erratum in: *Nat Commun*. 2020 Jun 11;11(1):3058. PMID: 31332171; PMCID: PMC6646384.

Varshney D, Spiegel J, Zyner K, Tannahill D, Balasubramanian S. The regulation and functions of DNA and RNA G-quadruplexes. *Nat Rev Mol Cell Biol*. 2020 Aug;21(8):459-474. doi: 10.1038/s41580-020-0236-x. Epub 2020 Apr 20. PMID: 32313204; PMCID: PMC7115845.

#### **James Bibb (5)**

Carter, A.M., Tan, C., Pozo, K., Telange, K., Molinaro, R., Guo, A., De Rosa, E., Martinez, J.O., Zhang, S., Takahashi, M., Wiederhold, T., Oltmann, S.C., Pacak, K., Woltering, E.A., Hatanpaa, K.J., Nwariaku, F.E., Grubbs, E.G. Robinson, B., Reddy, S., Jaskula-Sztul, R., Chen, H., Mobley, J.A., Mukhtar, M.S. Tasciotti, E. **Bibb, J.A.** (2020) Phosphoprotein-based Biomarkers as a Prognostic for Cancer Therapy, *PNAS* 117 (31) 18401-18411.

Pozo, K., Zahler, S., Ithimatsu, K., Carter, A.M., Telange, R., Wang, S., Pfragner, R., Fujimoto, J., Grubbs, E.G., Takahashi, M., Oltman, S.C., **Bibb, J.A.** (2018) Preclinical characterization of tyrosine kinase inhibitor-based targeted therapies for neuroendocrine thyroid cancer, *Oncotarget*, 9: 37662-37675.

Pozo, K., Hillman, A., Agustyn, A., Plattner, F., Raezani, S., Singh, T., Sun, X., Minna, J.D., Cote, G., Chen, H. **Bibb, J.A.** \*, Nwariaku, F. \*, \*equal contributors (2015) Differential expression of cell cycle regulators in Cdk5-dependent neuroendocrine thyroid cancer tumorigenesis, *Oncotarget*, 6:12080-93.

Pozo, K., Castro-Rivera, Tan, C., Plattner, F., Schwach, G., Siegl, V., Meyer, D.A. Guo, A., Gundara, J., Mettlach, G., Richer, E., Guevara, J.A., Ning, L., Gupta, A., Hao, G., Tsai, L-H., Sun, X., Antich, P., Sidhu, S., Robinson, B.G., Chen, H., Nwariaku, F.E., Pfragner, R., Richardson J.A., and **Bibb, J.A.**, (2013) The role of Cdk5 in neuroendocrine cancer, 24:499-511, *Cancer Cell, cover article*.

Pozo, K. & **Bibb J.A.** (2016) The emerging role of Cdk5 in cancer: A novel cancer therapy target, *Trends in Cancer* 2:606-618

#### **Pawel Mazur**

Wang Z, Hausmann S, Lyu R, Li TM, Lofgren SM, Flores NM, Fuentes ME, Caporicci M, Yang Z, Meiners MJ, Cheek MA, Howard SA, Zhang L, Elias JE, Kim MP, Maitra A, Wang H, Bassik MC, Keogh MC, Sage J, Gozani O, Mazur PK. SETD5-Coordinated Chromatin Reprogramming Regulates Adaptive Resistance to Targeted Pancreatic Cancer Therapy. *Cancer Cell*. 2020 Jun 8;37(6):834-849.e13. doi: 10.1016/j.ccell.2020.04.014. Epub 2020 May 21. PMID: 32442403.

Liu S, Hausmann S, Carlson SM, Fuentes ME, Francis JW, Pillai R, Lofgren SM, Hulea L, Tandoc K, Lu J, Li A, Nguyen ND, Caporicci M, Kim MP, Maitra A, Wang H, Wistuba II, Porco JA Jr, Bassik MC, Elias JE, Song J, Topisirovic I, Van Rechem C, Mazur PK, Gozani O. METTL13 Methylation of eEF1A Increases Translational Output to Promote Tumorigenesis. *Cell*. 2019 Jan 24;176(3):491-504.e21. doi: 10.1016/j.cell.2018.11.038. Epub 2019 Jan 3. PMID: 30612740; PMCID: PMC6499081.