

NBCC Publication List

Separated by year, alphabetical by first author

2018

Brandmann, T., H. Fakim, Z. Padamsi, J.Y. Youn, A.C. Gingras, M.R. Fabian, and M. Jinek, *Molecular architecture of LSM14 interactions involved in the assembly of mRNA silencing complexes*. EMBO J, 2018. **37**(7).

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Canny, M.D., N. Moatti, L.C.K. Wan, A. Fradet-Turcotte, D. Krasner, P.A. Mateos-Gomez, M. Zimmermann, A. Orthwein, Y.C. Juang, W. Zhang, S.M. Noordermeer, E. Seclen, M.D. Wilson, A. Vorobyov, M. Munro, A. Ernst, T.F. Ng, T. Cho, P.M. Cannon, S.S. Sidhu, F. Sicheri, and D. Durocher, *Inhibition of 53BP1 favors homology-dependent DNA repair and increases CRISPR-Cas9 genome-editing efficiency*. Nat Biotechnol, 2018. **36**(1): p. 95-102.

Ghasemi, F., M. Black, R.X. Sun, F. Vizeacoumar, N. Pinto, K.M. Ruicci, J. Yoo, K. Fung, D. MacNeil, D.A. Palma, E. Winquist, J.S. Mymryk, L.A. Ailles, A. Datti, J.W. Barrett, P.C. Boutros, and A.C. Nichols, *High-throughput testing in head and neck squamous cell carcinoma identifies agents with preferential activity in human papillomavirus-positive or negative cell lines*. Oncotarget, 2018. **9**(40): p. 26064-26071.

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Khan, M., J.Y. Youn, A.C. Gingras, R. Subramaniam, and D. Desveaux, *In planta proximity dependent biotin identification (BioID)*. Sci Rep, 2018. **8**(1): p. 9212.

Knight, J.F., V.Y.C. Sung, E. Kuzmin, A.L. Couzens, D.A. de Verteuil, C.D.H. Ratcliffe, P.P. Coelho, R.M. Johnson, P. Samavarchi-Tehrani, T. Gruosso, H.W. Smith, W. Lee, S.M. Saleh, D. Zuo, H. Zhao, M.C. Guiot, R.R. Davis, J.P. Gregg, C. Moraes, A.C. Gingras, and M. Park, *KIBRA (WWC1) Is a Metastasis Suppressor Gene Affected by Chromosome 5q Loss in Triple-Negative Breast Cancer*. Cell Rep, 2018. **22**(12): p. 3191-3205.

Liu, J.C., L. Granieri, M. Shrestha, D.Y. Wang, I. Vorobieva, E.A. Rubie, R. Jones, Y. Ju, G. Pellecchia, Z. Jiang, C.A. Palmerini, Y. Ben-David, S.E. Egan, J.R. Woodgett, G.D. Bader, A.

Datti, and E. Zacksenhaus, *Identification of CDC25 as a Common Therapeutic Target for Triple-Negative Breast Cancer*. Cell Rep, 2018. **23**(1): p. 112-126.

Liu, Y., G.D. Gupta, D.D. Barnabas, F.G. Agircan, S. Mehmood, D. Wu, E. Coyaud, C.M. Johnson, S.H. McLaughlin, A. Andreeva, S.M.V. Freund, C.V. Robinson, S.W.T. Cheung, B. Raught, L. Pelletier, and M. van Breugel, *Direct binding of CEP85 to STIL ensures robust PLK4 activation and efficient centriole assembly*. Nat Commun, 2018. **9**(1): p. 1731.

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Ghasemi, F., M. Black, F. Vizeacoumar, N. Pinto, K.M. Ruicci, C.C. Son Huu Le, M.R. Lowerison, H.S. Leong, J. Yoo, K. Fung, D. MacNeil, D.A. Palma, E. Winquist, J.S. Mymryk, P.C. Boutros, A. Datti, J.W. Barrett, and A.C. Nichols, *Repurposing Albendazole: new potential as a chemotherapeutic agent with preferential activity against HPV-negative head and neck squamous cell cancer*. Oncotarget, 2017.

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Hesketh, G.G., J.Y. Youn, P. Samavarchi-Tehrani, B. Raught, and A.C. Gingras, *Parallel Exploration of Interaction Space by BioID and Affinity Purification Coupled to Mass Spectrometry*. Methods Mol Biol, 2017. **1550**: p. 115-136.

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