

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).

Canning, P., K. Park, J. Goncalves, C. Li, C.J. Howard, T.D. Sharpe, L.J. Holt, L. Pelletier, A.N. Bullock, and M.R. Leroux, *CDKL Family Kinases Have Evolved Distinct Structural Features and Ciliary Function*. Cell Rep, 2018. **22**(4): p. 885-894.

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.

Coyaud, E., C. Ranadheera, D. Cheng, J. Goncalves, B.J.A. Dyakov, E.M.N. Laurent, J. St-Germain, L. Pelletier, A.C. Gingras, J.H. Brumell, P.K. Kim, D. Safronetz, and B. Raught, *Global Interactomics Uncovers Extensive Organellar Targeting by Zika Virus*. Mol Cell Proteomics, 2018. **17**(11): p. 2242-2255.

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Gingras, A.C., K.T. Abe, and B. Raught, *Getting to know the neighborhood: using proximity-dependent biotinylation to characterize protein complexes and map organelles*. Curr Opin Chem Biol, 2018. **48**: p. 44-54.

Gonatopoulos-Pournatzis, T., M. Wu, U. Braunschweig, J. Roth, H. Han, A.J. Best, B. Raj, M. Aregger, D. O'Hanlon, J.D. Ellis, J.A. Calarco, J. Moffat, A.C. Gingras, and B.J. Blencowe, *Genome-wide CRISPR-Cas9 Interrogation of Splicing Networks Reveals a Mechanism for Recognition of Autism-Misregulated Neuronal Microexons*. Mol Cell, 2018. **72**(3): p. 510-524 e12.

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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.

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