

NBCC Publication List

Separated by year, alphabetical by first author

2019

Ashraf, K., S. Nabeel-Shah, J. Garg, A. Saettone, J. Derynck, A.C. Gingras, J.P. Lambert, R.E. Pearlman, and J. Fillingham, *Proteomic analysis of histones H2A/H2B and variant Hv1 in Tetrahymena thermophila reveals an ancient network of chaperones*. Mol Biol Evol, 2019.

Ayyaz, A., S. Kumar, B. Sangiorgi, B. Ghoshal, J. Gosio, S. Ouladan, M. Fink, S. Barutcu, D. Trcka, J. Shen, K. Chan, J.L. Wrana, and A. Gregorieff, *Single-cell transcriptomes of the regenerating intestine reveal a revival stem cell*. Nature, 2019. **569**(7754): p. 121-125.

Ceccarelli, D.F., S. Ivantsiv, A.A. Mullin, E. Coyaud, N. Manczyk, P. Maisonneuve, I. Kurinov, L. Zhao, C. Go, A.C. Gingras, B. Raught, S. Cordes, and F. Sicheri, *FAM105A/OTULINL Is a Pseudodeubiquitinase of the OTU-Class that Localizes to the ER Membrane*. Structure, 2019. **27**(6): p. 1000-1012 e6.

Chapman, E.M., B. Lant, Y. Ohashi, B. Yu, M. Schertzberg, C. Go, D. Dogra, J. Koskimaki, R. Girard, Y. Li, A.G. Fraser, I.A. Awad, S. Abdelilah-Seyfried, A.C. Gingras, and W.B. Derry, *A conserved CCM complex promotes apoptosis non-autonomously by regulating zinc homeostasis*. Nat Commun, 2019. **10**(1): p. 1791.

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Hui, K.K., C. Dojo Soeandy, S. Chang, F.S. Vizeacoumar, T. Sun, A. Datti, and J.T. Henderson, *Cell-based high-throughput screen for small molecule inhibitors of Bax translocation*. J Cell Mol Med, 2019. **23**(3): p. 1784-1797.

Hustedt, N., Y. Saito, M. Zimmermann, A. Alvarez-Quilon, D. Setiaputra, S. Adam, A. McEwan, J.Y. Yuan, M. Olivieri, Y. Zhao, M.T. Kanemaki, A. Jurisicova, and D. Durocher, *Control of homologous recombination by the HROB-MCM8-MCM9 pathway*. Genes Dev, 2019.

Knight, J.D.R., P. Samavarchi-Tehrani, M. Tyers, and A.C. Gingras, *Gene Information eXtension (GIX): effortless retrieval of gene product information on any website*. Nat Methods, 2019. **16**(8): p. 665-666.

Lambert, J.P., S. Picaud, T. Fujisawa, H. Hou, P. Savitsky, L. Uuskula-Reimand, G.D. Gupta, H. Abdouni, Z.Y. Lin, M. Tucholska, J.D.R. Knight, B. Gonzalez-Badillo, N. St-Denis, J.A. Newman, M. Stucki, L. Pelletier, N. Bandeira, M.D. Wilson, P. Filippakopoulos, and A.C. Gingras, *Interactome Rewiring Following Pharmacological Targeting of BET Bromodomains*. Mol Cell, 2019. **73**(3): p. 621-638 e17.

Luo, Y., M. Barrios-Rodiles, G.D. Gupta, Y.Y. Zhang, A.A. Ogunjimi, M. Bashkurov, J.M. Tkach, A.Q. Underhill, L. Zhang, M. Bourmoum, J.L. Wrana, and L. Pelletier, *Atypical function of a centrosomal module in WNT signalling drives contextual cancer cell motility*. Nat Commun, 2019. **10**(1): p. 2356.

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O'Meara, T.R., M.J. O'Meara, E.J. Polvi, M.R. Pourhaghighi, S.D. Liston, Z.Y. Lin, A.O. Veri, A. Emili, A.C. Gingras, and L.E. Cowen, *Global proteomic analyses define an environmentally contingent Hsp90 interactome and reveal chaperone-dependent regulation of stress granule proteins and the R2TP complex in a fungal pathogen*. PLoS Biol, 2019. **17**(7): p. e3000358.

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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.

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