

NBCC Publication List

Separated by year, alphabetical by first author

2017

Antonicka, H., K. Choquet, Z.Y. Lin, A.C. Gingras, C.L. Kleinman, and E.A. Shoubridge, *A pseudouridine synthase module is essential for mitochondrial protein synthesis and cell viability*. EMBO Rep, 2017. **18**(1): p. 28-38.

Barrios-Rodiles, M., J.D. Ellis, B.J. Blencowe, and J.L. Wrana, *LUMIER: A Discovery Tool for Mammalian Protein Interaction Networks*. Methods Mol Biol, 2017. **1550**: p. 137-148.

Chapat, C., S.M. Jafarnejad, E. Matta-Camacho, G.G. Hesketh, I.A. Gelbart, J. Attig, C.G. Gkogkas, T. Alain, N. Stern-Ginossar, M.R. Fabian, A.C. Gingras, T.F. Duchaine, and N. Sonenberg, *Cap-binding protein 4EHP effects translation silencing by microRNAs*. Proc Natl Acad Sci U S A, 2017. **114**(21): p. 5425-5430.

Couzens, A.L., S. Xiong, J.D. Knight, D.Y. Mao, S. Guettler, S. Picaud, I. Kurinov, P. Filippakopoulos, F. Sicheri, and A.C. Gingras, *MOB1 mediated phospho-recognition in the core mammalian Hippo pathway*. Mol Cell Proteomics, 2017.

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. Winkvist, 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.

Schraeder, C.U., L. Lee, M. Rey, V. Sarpe, P. Man, S. Sharma, V. Zabrouskov, B. Larsen, and D.C. Schriemer, *Neprosin, a selective prolyl endoprotease for bottom-up proteomics and histone mapping*. Mol Cell Proteomics, 2017.

Tsai, A.Y., K. Chan, C.Y. Ho, T. Canam, R. Capron, E.R. Master, and K. Brautigam, *Transgenic expression of fungal accessory hemicellulases in Arabidopsis thaliana triggers transcriptional patterns related to biotic stress and defense response*. PLoS One, 2017. **12**(3): p. e0173094.

Uhrig, R.G., A.M. Labandera, L.Y. Tang, N.A. Sieben, M. Goudreault, E. Yeung, A.C. Gingras, M.A. Samuel, and G.B. Moorhead, *Activation of Mitochondrial Protein Phosphatase SLP2 by MIA40 Regulates Seed Germination*. Plant Physiol, 2017. **173**(2): p. 956-969.

Xiong, S., A.L. Couzens, M.J. Kean, D.Y. Mao, S. Guettler, I. Kurinov, A.C. Gingras, and F. Sicheri, *Regulation of protein interactions by MOB1 phosphorylation*. Mol Cell Proteomics, 2017.

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Campbell, C.I., P. Samavarchi-Tehrani, M. Barrios-Rodiles, A. Datti, A.C. Gingras, and J.L. Wrana, *The RNF146 and tankyrase pathway maintains the junctional Crumbs complex through regulation of angiominin*. J Cell Sci, 2016. **129**(18): p. 3396-411.

Campbell, J.E., J.R. Ussher, E.E. Mulvihill, J. Kolic, L.L. Baggio, X. Cao, Y. Liu, B.J. Lamont, T. Morii, C.J. Streutker, N. Tamarina, L.H. Philipson, J.L. Wrana, P.E. MacDonald, and D.J. Drucker, *TCF1 links GIPR signaling to the control of beta cell function and survival*. Nat Med, 2016. **22**(1): p. 84-90.

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de Kreuk, B.J., A.R. Gingras, J.D. Knight, J.J. Liu, A.C. Gingras, and M.H. Ginsberg, *Heart of glass anchors Rasip1 at endothelial cell-cell junctions to support vascular integrity*. Elife, 2016. **5**.

Feng, Y., A. Vlassis, C. Roques, M.E. Lalonde, C. Gonzalez-Aguilera, J.P. Lambert, S.B. Lee, X. Zhao, C. Alabert, J.V. Johansen, E. Paquet, X.J. Yang, A.C. Gingras, J. Cote, and A. Groth, *BRPF3-HBO1 regulates replication origin activation and histone H3K14 acetylation*. EMBO J, 2016. **35**(2): p. 176-92.

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Jin, J., R. Tian, A. Pasculescu, A.Y. Dai, K. Williton, L. Taylor, M.M. Savitski, M. Bantscheff, J.R. Woodgett, T. Pawson, and K. Colwill, *Mutational Analysis of Glycogen Synthase Kinase 3beta Protein Kinase Together with Kinome-Wide Binding and Stability Studies Suggests Context-Dependent Recognition of Kinases by the Chaperone Heat Shock Protein 90*. Mol Cell Biol, 2016. **36**(6): p. 1007-18.

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Lun, X., J.C. Wells, N. Grinshtein, J.C. King, X. Hao, N.H. Dang, X. Wang, A. Aman, D. Uehling, A. Datti, J.L. Wrana, J.C. Easaw, A. Luchman, S. Weiss, J.G. Cairncross, D.R. Kaplan, S.M. Robbins, and D.L. Senger, *Disulfiram when combined with copper enhances the therapeutic effects of temozolomide for the treatment of Glioblastoma*. Clin Cancer Res, 2016.

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