

2018-CIHD-publications

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[The AAA ATPase Afg1 preserves mitochondrial fidelity and cellular health by maintaining mitochondrial matrix proteostasis.](#) Germany EM, Zahayko N, Huebsch ML, Fox JL, Prahlad V, **Khalimonchuk O**. J Cell Sci. 2018 Nov 21;131(22). pii: jcs219956. doi: 10.1242/jcs.219956. PMID:30301782

[Molecular Basis for the Evolution of Species-Specific Hemoglobin Capture by Staphylococcus aureus.](#) Choby JE, Buechi HB, Farrand AJ, Skaar EP, **Barber MF**. MBio. 2018 Nov 20;9(6). pii: e01524-18. doi: 10.1128/mBio.01524-18. PMID:30459189

[Glutamine via \$\alpha\$ -ketoglutarate dehydrogenase provides succinyl-CoA for heme synthesis during erythropoiesis.](#) Burch JS, Marcero JR, Maschek JA, **Cox JE**, Jackson LK, **Medlock AE**, **Phillips JD**, **Dailey HA** Jr. Blood. 2018 Sep 6;132(10):987-998. doi: 10.1182/blood-2018-01-829036. Epub 2018 Jul 10. PMID:29991557

[Cirrhosis in Hemochromatosis: Independent Risk Factors in 368 HFE p.C282Y Homozygotes.](#) Barton JC, McLaren CE, Chen WP, Ramm GA, Anderson GJ, Powell LW, Subramaniam VN, Adams PC, Phatak PD, Gurrin LC, **Phillips JD**, **Parker CJ**, Emond MJ, McLaren GD. Ann Hepatol. 2018 Aug 24;17(5):871-879. doi: 10.5604/01.3001.0012.3169. PMID:30145563

[ACP Acylation Is an Acetyl-CoA-Dependent Modification Required for Electron Transport Chain Assembly.](#) Van Vranken JG, Nowinski SM, Clowers KJ, Jeong MY, Ouyang Y, Berg JA, Gygi JP, Gygi SP, **Winge DR**, **Rutter J**. Mol Cell. 2018 Aug 16;71(4):567-580.e4. doi: 10.1016/j.molcel.2018.06.039. PMID:30118679