

Dr. Soulafa Mamlouk

Publications (* first author)

1. DNA copy number changes define spatial patterns of heterogeneity in colorectal cancer. **Mamlouk S***, Childs L* , Aust D*, Heim D, Melching F, Oliveira C, Wolf T, Durek P, Schumacher D, Blaeker H, vonWinterfeld M, Gastl B, Moehr K, Menne A, Zeugner S, Redmer T, Lenze D, Tierling S, Moebis M, Weichert W, Folprecht G, Blanc E, Beule D, Schäfer R, Morkel M, Klauschen F, Leser U, Sers C. Nat. Commun. 2017 January 25. 8, 14093 doi: 10.1038/ncomms14093.
2. SoFIA: a data integration framework for annotating high-throughput datasets. Childs L, **Mamlouk S**, Brandt J, Sers C, Leser U. Bioinformatics. 2016 May 13. doi: 10.1093/bioinformatics/btw302
3. Loss of Prolyl Hydroxylase-2 in Myeloid Cells and T-lymphocytes Impairs Tumor Development. **Mamlouk S***, Kalucka J, Singh RP, Franke K, Muschter A, Langer A, Jakob C, Gassmann M, Baretton GB, Wielockx B. Int J Cancer. 2013 Aug 3. doi: 10.1002/ijc.28409
4. HIF prolyl hydroxylase 2 (PHD2) is a critical regulator of hematopoietic stem cell maintenance during steady-state and stress. Singh RP*, Franke K*, Kalucka J*, **Mamlouk S***, Muschter A, Gembarska A, Grinenko T, Willam C, Naumann R, Anastassiadis K, Stewart AF, Bornstein S, Chavakis T, Breier G, Waskow C, Wielockx B. Blood. 2013 Jun 27;121(26):5158-66.
5. Loss of Epithelial HIF Prolyl Hydroxylase-2 (PHD2) Accelerates Skin Wound Healing in Mice. Kalucka J, Ettinger A, Franke K, **Mamlouk S**, Singh RP, Farhat K, Muschter A, Olbrich S, Breier G, Katschinski DM, Huttner W, Weidemann A, Wielockx B. Mol Cell Biol. 2013 Sep;33(17):3426-38. doi:10.1128/MCB.00609-13.
6. Hypoxia-inducible factors as key regulators of tumor inflammation. **Mamlouk S***, Wielockx B. Int J Cancer. 2013 Jun 15;132(12):2721-9.
7. HIF-1 α is a protective factor in conditional PHD2-deficient mice suffering from severe HIF-2 α -induced excessive erythropoiesis. Franke K*, Kalucka J*, **Mamlouk S***, Singh RP*, Muschter A, Weidemann A, Iyengar V, Jahn S, Wiczorek K, Geiger K, Muders M, Sykes AM, Poitz DM, Ripich T, Otto T, Bergmann S, Breier G, Baretton G, Fong GH, Greaves DR, Bornstein S, Chavakis T, Fandrey J, Gassmann M, Wielockx B. Blood. 2013 Feb 21;121(8):1436-45. **Equally contributed.*
8. Inhibition of HIF prolyl hydroxylase-2 blocks tumor growth in mice through the antiproliferative activity of TGF β . Ameln AK, Muschter A, **Mamlouk S**, Kalucka J, Prade I, Franke K, Rezaei M, Poitz DM, Breier G, Wielockx B. Cancer Res. 2011 May 1;71(9):3306-16.
9. Irradiated breast cancer patients demonstrate subgroup-specific regularities in protein expression patterns of circulating leukocytes. Yeghiazaryan K, **Mamlouk S**, Trog D, Moenkemann H, Braun M, Kuhn W, Schild H, Golubnitschaja O. Cancer Genomics Proteomics. 2007 Nov-Dec;4(6):411-8.