Dr. Steffen Priebe

Alumni

Publications

Aramillo Irizar P, Schäuble S, Esser D, Groth M, Frahm C, Priebe S, Baumgart M, Hartmann N, Marthandan S, Menzel U, Müller J, Schmidt S, Ast V, Caliebe A, König R, Krawczak M, Ristow M, Schuster S, Cellerino A, Diekmann S, Englert C, Hemmerich P, Sühnel J, Guthke R, Witte OW, Platzer M, Ruppin E, Kaleta C (2018) Transcriptomic alterations during ageing reflect the shift from cancer to degenerative diseases in the elderly. *Nat Commun* 9(1), 327.

Details

Ravichandran M, Priebe S, Grigolon G, Rozarov L, Groth M, Laube B, Guthke R, Platzer M, Zarse K, Ristow M (2018) Impairing L-threonine catabolism promotes helthspan through proteotoxic methylglyoxal. *Cell Metabolism* 27(4), 914-925.e5..

Details



Baumgart M, Priebe S, Groth M, Hartmann N, Menzel U, Pandolfini L, Ristow M, Englert C, Guthke R, Platzer M, Cellerino A (2016) Longitudinal transcriptional analysis of vertebrate aging identifies mitochondrial complex I as a small molecule-sensitive modifier of lifespan. *Cell Systems* 2(2), 122-132.

Details



Marthandan S, Baumgart M, Priebe S, Groth M, Schaer J, Kaether C, Guthke R, Cellerino A, Platzer M, Diekmann S, Hemmerich P (2016) Conserved Senescence Associated Genes and Pathways in Primary Human Fibroblasts Detected by RNA-Seq. *PLOS ONE* 11(5), e0154531.

Details



Mansfeld J, Urban N, Priebe S, Groth M, Frahm C, Hartmann N, Gebauer J, Ravichandran M, Dommaschk A, Schmeisser S, Kuhlow D, Monajembashi S, Bremer-Streck S, Hemmerich P, Kiehntopf M, Zamboni N, Englert C, Guthke R, Kaleta C, Platzer M, Sühnel J, Witte O, Zarse K, Ristow M (2015) Branched-Chain Amino Acid Catabolism is a Conserved Genetic Regulator of Physiological Aging *Nature Communications* 6, 10043.

Details

Marthandan S, Priebe S, Groth M, Guthke R, Platzer M, Hemmerich P, Diekmann S (2015) Hormetic effect of rotenone in primary human fibroblasts. *Immunity & Ageing* 12, 11.

Details

Marthandan S*, Priebe S*, Baumgart M, Groth M, Cellerino A, Guthke R, Platzer P, Hemmerich P and Diekmann S (2015) Similarities in gene expression profiles during in vitro aging of primary human embryonic lung and foreskin fibroblasts *BioMed Research International* 2015, ID 731938.

Details

Priebe S, Kreisel C, Horn F, Guthke R, Linde J (2015) FungiFun2: a comprehensive online resource for systematic analysis of gene lists from fungal species. *Bioinformatics* 31(3), 445-446.

Details

Reichwald K, Petzold A, Koch P, Downie BR, Hartmann N, Pietsch S, Baumgart M, Chalopin D, Felder M, Bens M, Sahm A, Szafranski K, Taudien S, Groth M, Arisi I, Weise A, Bhatt SS, Sharma V, Kraus JM, Schmid F, Priebe S, Liehr T, Görlach M, Than ME, Hiller M, Kestler HA, Volff JN, Schartl M, Cellerino A, Englert C, Platzer M (2015) Insights into Sex Chromosome Evolution and Aging from the Genome of a Short-Lived Fish. *Cell* 163(6), 1527-1538.

Details

PubMed

Baumgart M, Groth M, Priebe S, Savino A, Testa G, Dix A, Ripa R, Spallotta F, Gaetano C, Ori M, Terzibasi Tozzini E, Guthke R, Platzer M, Cellerino A (2014) RNA-seq of the aging brain in the short-lived fish *N. furzeri* - conserved pathways and novel genes associated with neurogenesis. *Aging Cell* 13(6), 965-974.

Details

PubMed

Publication list as PDF