

## Publikationen

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Claudia Miersch (2021): Wie ein Wink mit dem Zaunpfahl. Hebammenforum 3 | 2021

Low birth weight influences the postnatal abundance and characteristics of satellite cell subpopulations in pigs. Stange K, **Miersch C**, Sponder G, Röntgen M. *Sci Rep.* 2020 Apr 9;10(1):6149.

Muscle characteristics in chicks challenged with *Salmonella Enteritidis* and the effect of preventive application of the probiotic *Enterococcus faecium*. Zitnan R, Albrecht E, Kalbe C, **Miersch C**, Revajova V, Levkut M, Röntgen M. *Poult Sci.* 2019 May 1;98(5):2014-2025.

Separation of functionally divergent muscle precursor cell populations from porcine juvenile muscles by discontinuous Percoll density gradient centrifugation. **Miersch C**, Stange K, Röntgen M. *BMC Cell Biol.* 2018 Mar 9;19(1):2.

Effects of trypsinization and of a combined trypsin, collagenase, and DNase digestion on liberation and in vitro function of satellite cells isolated from juvenile porcine muscles. **Miersch C**, Stange K, Röntgen M. *In Vitro Cell Dev Biol Anim.* 2018 Jun;54(6):406-412.

Sex differences in carbohydrate metabolism are linked to gene expression in *Caenorhabditis elegans*. **Miersch C**, Döring F. *PLoS One.* 2012;7(9):e44748.

Molecular and functional heterogeneity of early postnatal porcine satellite cell populations is associated with bioenergetic profile. **Miersch C**, Stange K, Hering S, Kolisek M, Viergutz T, Röntgen M. *Sci Rep.* 2017 Mar 27;7:45052. doi: 10.1038/srep45052. PMID: 28344332 Free PMC article.

Sex differences in body composition, fat storage, and gene expression profile in *Caenorhabditis elegans* in response to dietary restriction. **Miersch C**, Döring F. *Physiol Genomics.* 2013 Jul 2;45(13):539-51.

Paternal dietary restriction affects progeny fat content in *Caenorhabditis elegans*. **Miersch C**, Döring F. *IUBMB Life.* 2012 Jul;64(7):644-8.

Single nucleotide polymorphisms in the myostatin (MSTN) and muscle creatine kinase (CKM) genes are not associated with elite endurance performance. Döring F, Onur S, **Kürbitz C**, Boulay MR, Pérusse L, Rankinen T, Rauramaa R, Wolfarth B, Bouchard C. *Scand J Med Sci Sports.* 2011 Dec;21(6):841-5.

Epicatechin gallate and catechin gallate are superior to epigallocatechin gallate in growth suppression and anti-inflammatory activities in pancreatic tumor cells. **Kürbitz C**, Heise D, Redmer T, Goumas F, Arlt A, Lemke J, Rimbach G, Kalthoff H, Trauzold A. *Cancer Sci.* 2011 Apr;102(4):728-34.

Quercetin reduces systolic blood pressure and plasma oxidised low-density lipoprotein concentrations in overweight subjects with a high-cardiovascular disease risk phenotype: a double-blinded, placebo-controlled cross-over study. Egert S, Bosy-Westphal A, Seiberl J, **Kürbitz C**, Settler U, Plachta-Danielzik S, Wagner AE, Frank J, Schrezenmeir J, Rimbach G, Wolfram S, Müller MJ. *Br J Nutr.* 2009 Oct;102(7):1065-74.