

BERT BLAAUW: All publications

2021

1. Baraldo M, Nogara L, Dumitras GA, Tchampda Dondjang AH, Geremia A, Scalabrin M, Türk C, Telkamp F, Zentilin F, Giacca M, Krüger M, **Blaauw B**. Raptor is critical for increasing the mitochondrial proteome and skeletal muscle force during hypertrophy. *FASEB Journal*, in press
2. Geremia A, Sartori R, Baraldo M, Nogara L, Balmaceda V, Dumitras GA, Ciciliot S, Scalabrin M, Nolte H, **Blaauw B**. Activation of Akt-mTORC1 signaling reverts cancer-dependent muscle wasting. *Journal of Cachexia, Sarcopenia and Muscle*, in press
3. Scano M, Benetollo A, Nogara L, Bondi M, Barba FD, Soardi M, Furlan S, Akyurek EE, Caccin P, Carotti M, Sacchetto R, **Blaauw B**, Sandonà D. CFTR corrector C17 is effective in muscular dystrophy, in vivo proof of concept in LGMDR3. *Hum Mol Genet*. 2021 Sep 9;ddab260.
4. Bock T, Türk C, Aravamudhan S, Keufgens L, Bloch W, Rozsivalova DH, Romanello V, Nogara L, **Blaauw B**, Trifunovic A, Braun T, Krüger M. PERM1 interacts with the MICOS-MIB complex to connect the mitochondria and sarcolemma via ankyrin B. *Nat Commun*. 2021 Aug 12;12(1):4900.
5. Tokarz J, Möller G, Artati A, Huber S, Zeigerer A, **Blaauw B**, Adamski J, Dyar KA. Common Muscle Metabolic Signatures Highlight Arginine and Lysine Metabolism as Potential Therapeutic Targets to Combat Unhealthy Aging. *Int J Mol Sci*. 2021 Jul 26;22(15):7958.
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7. Magarotto F, Sgrò A, Dorigo Hochuli AH, Andreetta M, Grassi M, Saggiaro M, Nogara L, Tolomeo AM, Francescato R, Collino F, Germano G, Caicci F, Maghin E, Piccoli M, Jurga M, **Blaauw B**, Gamba P, Muraca M, Pozzobon M. Muscle functional recovery is driven by extracellular vesicles combined with muscle extracellular matrix in a volumetric muscle loss murine model. *Biomaterials*. 2021 Jan 7;269:120653.
8. Schiaffino S, Reggiani C, Akimoto T, **Blaauw B**. Molecular Mechanisms of Skeletal Muscle Hypertrophy. *J Neuromuscul Dis*. 2021;8(2):169-183.
9. Rindom E, Herskind J, **Blaauw B**, Overgaard K, Vissing K, de Paoli FV. Concomitant excitation and tension development are required for myocellular gene expression and protein synthesis in rat skeletal muscle. *Acta Physiologica*, 2021 Jan;231(1):e13540.

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11. Germinario E, Bondi M, **Blaauw B**, Betto R, Danieli-Betto D. Reduction of circulating sphingosine 1-phosphate worsens mdx soleus muscle dystrophic phenotype. *Experimental Physiology*, 2020 in press
12. **Blaauw B**. Activity-dependent increases of protein synthesis in skeletal muscle: Sensing the energy levels? *J Physiol*, 2020 May 16

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