

SELECTED PUBLICATIONS:

Kalucka J*, Bierhansl L*, Conchinha NV*, Missiaen R*, Elia I, Brüning U, Scheinok S, Treps L, Cantelmo AR, Dubois C, de Zeeuw P, Goveia J, Zecchin A, Taverna F, Morales-Rodriguez F, Brajic A, Conradi LC, Schoors S, Harjes U, Vriens K, Pilz GA, Chen R, Cubbon R, Thienpont B, Cruys B, Wong BW, Ghesquière B, Dewerchin M, De Bock K, Sagaert X, Jessberger S, Jones EAV, Gallez B, Lambrechts D, Mazzone M, Eelen G, Li X, Fendt SM, Carmeliet P. (2018) Quiescent endothelial cells upregulate fatty acid β -oxidation for vasculoprotection via redox homeostasis. *Cell Metabolism*. Dec 4;28(6):881-894.e13. *equally contributed

Brüning U*, Morales-Rodriguez F*, **Kalucka J**, Goveia J, Taverna F, Queiroz KCS, Dubois C, Cantelmo AR, Kulkarni RA, Chen R, Lorocho S, Timmerman E, Caixeta-Pereira V, Bloch K, Conradi LC, Treps L, Staes A, Gevaert K, Tee A, Dewerchin M, Semenkovich CF, Impens F, Schilling B, Verdin, E, Swinnen, JV, Meier H, Sickmann A, Ghesquière B, Schoonjans L, Li X, Mazzone M, Carmeliet P. (2018) Impairment of Angiogenesis by fatty acid synthase inhibition involves mTOR malonylation. *Cell Metabolism* Dec 4;28(6):866-880 *equally contributed

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Kalucka J*, Missiaen R*, Georgiadou M, Schoors S, Lange C, De Bock K, Dewerchin M, Carmeliet P. (2015) Metabolic control of the cell cycle. *Cell Cycle*.;14(21):3379-88 *equally contributed

Kalucka J*, Schley G*, Georgescu A, Klanke B, Rössler S, Baumgartl J, Velden J, Amann K, Willam C, Johnson RS, Eckardt KU, Weidemann A. (2015) Kidney injury is independent of endothelial HIF-1 α . *J Mol Med (Berl)*. Aug;93(8):891-904 *equally contributed

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