



Cor de Wit

Kontakt

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Publikationen (10)

Koepfle C, Zhou Z, Huber L, Schulte M, Schmidt K, Gloe T, Kneser U, Schmidt V, de Wit C. Expression of Connexin43 Stimulates Endothelial Angiogenesis Independently of Gap Junctional Communication In Vitro. *Int J Mol Sci* 2021; 22

Schmidt V, Hilgert J, Covi J, Leibig N, Wietbrock J, Arkudas A, Polykandriotis E, de Wit C, Horch R, Kneser U. Flow increase is decisive to initiate angiogenesis in veins exposed to altered hemodynamics. *PloS one* 2015; 10:e0117407.

Schmidt V, Hilgert J, Covi J, Weiss C, Wietbrock J, de Wit C, Horch R, Kneser U. High flow conditions increase connexin43 expression in a rat arteriovenous and angiointuctive loop model. *PloS one* 2013; 8:e78782.

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Schmidt V, Jobs A, von Maltzahn J, Wörsdörfer P, Willecke K, de Wit C. Connexin45 is expressed in vascular smooth muscle but its function remains elusive. *PloS one* 2012; 7:e42287.

Brähler S, Kaistha A, Schmidt V, Wölfle S, Busch C, Kaistha B, Kacik M, Hasenau A, Grgic I, Siiskonen H, Bond C, Adelman J, Wulff H, de Wit C, Hoyer J, Köhler R. Genetic deficit of SK3 and IK1 channels disrupts the endothelium-derived hyperpolarizing factor vasodilator pathway and causes hypertension. *Circulation* 2009; 119:2323-32.

Wölfle S, Schmidt V, Hoyer J, Köhler R, de Wit C. Prominent role of KCa3.1 in endothelium-derived hyperpolarizing factor-type dilations and conducted responses in the microcirculation in vivo. *Cardiovasc Res* 2009; 82:476-83.

de Wit C, Boettcher M, Schmidt V. Signaling across myoendothelial gap junctions--fact or fiction?. *Cell Commun Adhes* 2008; 15:231-45.

Schmidt V, Wölfle S, Boettcher M, de Wit C. Gap junctions synchronize vascular tone within the microcirculation. *Pharmacol Rep* 2008; 60:68-74.

Wölfle S, Schmidt V, Hoepfl B, Gebert A, Alcoléa S, Gros D, de Wit C. Connexin45 cannot replace the function of connexin40 in conducting endothelium-dependent dilations along arterioles. *Circ Res* 2007; 101:1292-9.

Projekte (0)

Keine Resultate gefunden.

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