



Johanna O Wietbrock

Contact

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Publications (5)

Schmidt V, Wietbrock J, Leibig N, Hernekamp J, Henn D, Radu C, Kneser U. Haemodynamically stimulated and in vivo generated axially vascularized soft-tissue free flaps for closure of complex defects: Evaluation in a small animal model. *J Tissue Eng Regen Med* 2017; 12:622-632.

Schmidt V, Wietbrock J, Leibig N, Gloe T, Henn D, Hernekamp J, Harhaus L, Kneser U. Collagen-Elastin and Collagen-Glycosaminoglycan Scaffolds Promote Distinct Patterns of Matrix Maturation and Axial Vascularization in Arteriovenous Loop-Based Soft Tissue Flaps. *Ann Plast Surg* 2017; 79:92-100.

Leibig N, Wietbrock J, Bigdeli A, Horch R, Kremer T, Kneser U, Schmidt V. Flow-Induced Axial Vascularization: The Arteriovenous Loop in Angiogenesis and Tissue Engineering. *Plast Reconstr Surg* 2016; 138:825-835.

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 angioinductive loop model. *PloS one* 2013; 8:e78782.

Projects (0)

No results found.

Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

support.forschung@kssg.ch