



## Matthias Schulte

### Contact

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## Publications (6)

Koepfle C, Pollmann L, Pollmann N, Schulte M, Kneser U, Gretz N, Schmidt V. Microporous Polylactic Acid Scaffolds Enable Fluorescence-Based Perfusion Imaging of Intrinsic In Vivo Vascularization. *Int J Mol Sci* 2023; 24

Thomas B, Warszawski J, Falkner F, Bleichert S, Haug V, Bigdeli A, Schulte M, Hoffmann S, Garvalov B, Schreiber C, Takamiya M, Sleeman J, Schmidt V, Kneser U, Pichler B, Dimmler A, Thiele W. Fat Grafts Show Higher Hypoxia, Angiogenesis, Adipocyte Proliferation, and Macrophage Infiltration than Flaps in a Pilot Mouse Study. *Plast Reconstr Surg* 2023; 152:96e–109e.

Eweida A, Flechtenmacher S, Sandberg E, Schulte M, Schmidt V, Kneser U, Harhaus L. Systemically injected bone marrow mononuclear cells specifically home to axially vascularized tissue engineering constructs. *PLoS one* 2022; 17:e0272697.

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

Henn D, Abu-Halima M, Wermke D, Falkner F, Thomas B, Köppler C, Ludwig N, Schulte M, Brockmann M, Kim Y, Sacks J, Kneser U, Keller A, Meese E, Schmidt V. MicroRNA-regulated pathways of flow-stimulated angiogenesis and vascular remodeling in vivo. *J Transl Med* 2019; 17:22.

Eweida A, Frisch O, Giordano F, Fleckenstein J, Wenz F, Brockmann M, Schulte M, Schmidt V, Kneser U, Harhaus L. Axially vascularized tissue-engineered bone constructs retain their in vivo angiogenic and osteogenic capacity after high-dose irradiation. *J Tissue Eng Regen Med* 2017; 12:e657–e668.

## Projects (0)

No results found.

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