



Dr. Tina Buerki-Thurnherr

Kontakt

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Publikationen (4)

Dugershaw-Kurzer B, Bossart J, Buljan M, Hannig Y, Zehnder S, Gupta G, Kissling V, Patrycja N, van Beijnum J, Griffioen A, Masjosthusmann S, Zühr E, Fritsche E, Hornung R, Rduch T, Buerki-Thurnherr T. Nanoparticles Dysregulate the Human Placental Secretome with Consequences on Angiogenesis and Vascularization. *Adv Sci (Weinh)* 2024:e2401060.

Muoth C, Wick P, Jochum W, Wichser A, Grieder K, Diener L, Moya S, Astruc D, Ruiz J, Karst U, Großgarten M, Buerki-Thurnherr T. Impact of particle size and surface modification on gold nanoparticle penetration into human placental microtissues. *Nanomedicine (Lond)* 2017; 12:1119-1133.

Muoth C, Wick P, Jochum W, Manser P, Diener L, Kucki M, Gallud A, Loeschner K, Ehrlich N, Correia M, Monopoli M, Wichser A, Buerki-Thurnherr T. A 3D co-culture microtissue model of the human placenta for nanotoxicity assessment. *Nanoscale* 2016; 8:17322-17332.

Grafmueller S, von Mandach U, Buerki-Thurnherr T, Krug H, Jochum W, Maurizi L, Maeder-Althaus X, Diener P, Diener L, Manser P, Wick P. Bidirectional Transfer Study of Polystyrene Nanoparticles across the Placental Barrier in an ex Vivo Human Placental Perfusion Model. *Environ Health Perspect* 2015; 123:1280-6.

Projekte (2)

Exploring indirect embryo–fetal risks of nanomaterials: Interference with inflammatory, vascular and endocrine signaling from human placental tissue

Grundlagenforschung - 01.10.2018 - 30.09.2021

Automatisch geschlossen

Exploring the Origins, Characteristics and Implications of Placental Calcification - A Materials Science Approach

Grundlagenforschung - 01.05.2017 - 30.04.2020

Automatisch geschlossen

Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

support.forschung@kssg.ch