



**Dr. Tina Buerki-Thurnherr**

**Kontakt**

Dr. Tina Buerki-Thurnherr

## 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](mailto:support.forschung@kssg.ch)