



**Alexandre H C Anthis**

**Contact**

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## Publications (6)

Anthis A, Kilchenmann S, Murdeu M, LeValley P, Wolf M, Meyer C, Cipolato O, Tibbitt M, Rosendorf J, Liska V, Rduch T, Herrmann I. Reversible Mechanical Contraception and Endometriosis Treatment Using Stimuli-Responsive Hydrogels. *Adv Mater* 2024:e2310301.

LeValley P, Anthis A, Rduch T, Herrmann I (2023). Urothelium Interfacing Hydrogels for the Treatment of Bladder Disease.

Mayr E, Rduch T, Anthis A, Scheibler S, Hug H, Herrmann I (2023). Magnetic Blood Purification – Nanoparticle-Based Removal of Pathogenic and Other Unwanted Substances from Human Whole Blood. Presented at: Particle Technology Forum, American Institute of Chemical Engineers (AIChE) Annual Meeting 2023, Orlando

Anthis A, Abundo M, Neuer A, Tsolaki E, Rosendorf J, Rduch T, Starsich F, Weisse B, Liska V, Schlegel A, Shapiro M, Herrmann I. Modular stimuli-responsive hydrogel sealants for early gastrointestinal leak detection and containment. *Nat Commun* 2022; 13:7311.

Rduch T, Tsolaki E, El Baz Y, Leschka S, Born D, Kinkel J, Anthis A, Fischer T, Jochum W, Hornung R, Gogos A, Herrmann I. The Role of Inorganics in Preeclampsia Assessed by Multiscale Multimodal Characterization of Placentae. *Front Med (Lausanne)* 2022; 9:857529.

Anthis A, Chavatte-Palmer P, Jochum W, Wick P, Dommann A, Bürki-Turnherr T, Fischer T, Hornung R, Bertazzo S, Lehner S, Wildermuth S, Leschka S, Tsolaki E, Didierlaurent L, Staubli S, Zboray R, Neels A, Dietrich D, Manser P, Desbiolles L, Herrmann I. Nano-analytical characterization of endogenous minerals in healthy placental tissue: mineral distribution, composition and ultrastructure. *Analyst* 2019; 144:6850-6857.

## Projects (0)

No results found.

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