



## Dr. Ren Qun

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### Homepage

[www.empa.ch/web/s404/dr.-qun-ren](http://www.empa.ch/web/s404/dr.-qun-ren)

## Publications (6)

Bösch A, Macha M, Qun R, Kohler P, Qi W, Babouee Flury B. Resistance development in to delafloxacin at pHs 6.0 and 7.3 compared to ciprofloxacin. *Antimicrob Agents Chemother* 2023; 67:e0162522.

Zumstein V, Qun R, Schmid H, Engeler D, Gusewell S, Nolte O, Albrich W, Buhmann M, Betschart P, Abt D. Detection of microbial colonization of the urinary tract of patients prior to secondary ureterorenoscopy is highly variable between different types of assessment: results of a prospective observational study. *Biofouling* 2019:1-10.

Buhmann M, Maniura-Weber K, Neels A, Zumstein V, Betschart P, Albrich W, Stempel S, Neu T, Nolte O, Abt D, Qun R. Encrustations on ureteral stents from patients without urinary tract infection reveal distinct urotypes and a low bacterial load. *Microbiome* 2019; 7:60.

Betschart P, Zumstein V, Buhmann M, Albrich W, Nolte O, Gusewell S, Schmid H, Qun R, Abt D. Influence of biofilms on morbidity associated with short-term indwelling ureteral stents: a prospective observational study. *World J Urol* 2018

Buhmann M, Abt D, Altenried S, Rupper P, Betschart P, Zumstein V, Maniura-Weber K, Qun R. Extraction of Biofilms From Ureteral Stents for Quantification and Cultivation-Dependent and -Independent Analyses. *Front Microbiol* 2018; 9:1470.

Zumstein V, Betschart P, Albrich W, Buhmann M, Qun R, Schmid H, Abt D. Biofilm formation on ureteral stents - Incidence, clinical impact, and prevention. *Swiss Med Wkly* 2017; 147:w14408.

## Projects (2)

### **Biofilms on ureteral stents - development of an in vitro simulation model**

*Fundamental Research - Oct 18, 2015 - May 18, 2018*

*Automatically Closed*

### **Biofilms on short-term indwelling ureteral stents: Influence on associated symptoms and complications; Prediction by urine analysis; Current bacterial spectrum and antibiotic resistance**

*Clinical Studies - Oct 10, 2015 - Feb 10, 2018*

*Automatically Closed*

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