



## **Prof. Dr. med. Stefan Kuster**

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### **Units**

Division of Infectious Diseases, Infection Prevention and Travel Medicine

### **Profile Function**

chief physician

## Publications (34)

Dörr T, Güsewell S, Flury D, Süveges M, Gaza Valera C, Botero-Mesa S, Zanella M, Iten A, Balmelli C, Troillet N, Tschudin-Sutter S, Schreiber P, Jent P, Damonti L, Sommerstein R, Portmann L, Vuichard-Gysin D, Cusini A, Nussbaumer-Ochsner Y, Heininger U, Christoph B, Zimmermann P, Gardiol C, Keiser O, Schlegel M, Kohler P, Kuster S. Association of institutional masking policies with healthcare-associated SARS-CoV-2 infections in Swiss acute care hospitals during the BA.4/5 wave (CH-SUR study): a retrospective observational study. *Antimicrob Resist Infect Control* 2024; 13:64.

Dörr T, Güsewell S, Cusini A, Brucher A, Goppel S, Grässli F, Betschon E, Möller J, Ortner M, Ruetti M, Stocker R, Vuichard-Gysin D, Besold U, Risch L, von Kietzell M, Schlegel M, Kuster S, Kahlert C, Kohler P, SURPRISE (SURveillance of infectious diseases among health PProfessionals In SwitzErland) Study Group. SARS-CoV-2 Vaccination is Not Associated With Involuntary Childlessness in Female Healthcare Workers: A Multicenter Cohort Study. *Influenza Other Respir Viruses* 2024; 18:e13333.

Stark J, Kuster S, Hungerbuehler V. Impact of COVID-19 disease on the male factor in reproductive medicine - how to advise couples undergoing IVF/ICSI. *Reprod Fertil Dev* 2024

Bloch N, Rüfenacht S, Ludwinek M, Frick W, Kleger G, Schneider F, Albrich W, Flury D, Kuster S, Schlegel M, Kohler P. Healthcare-associated infections in intensive care unit patients with and without COVID-19: a single center prospective surveillance study. *Antimicrob Resist Infect Control* 2023; 12:147.

Strahm C, Kahlert C, Güsewell S, Vuichard-Gysin D, Stocker R, Kuster S, Kohler P. Evolution of symptoms compatible with post-acute sequelae of SARS-CoV-2 (PASC) after Wild-type and/or Omicron BA.1 infection: A prospective healthcare worker cohort. *J Infect* 2023

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Bloch N, Männer J, Gardiol C, Kohler P, Kuhn J, Münzer T, Schlegel M, Kuster S, Flury D. Effective infection prevention and control measures in long-term care facilities in non-outbreak and outbreak settings: a systematic literature review. *Antimicrob Resist Infect Control* 2023; 12:113.

Kahlert C, Kuster S, Kohler P. Reply to Zeng and Zhou. *Clin Infect Dis* 2023; 77:800.

Kohler P, Dörr T, Friedl A, Stocker R, Vuichard-Gysin D, Kuster S, Kahlert C, SURPRISE Study Group. SARS-CoV-2 risk in household contacts of healthcare workers: a prospective cohort study. *Antimicrob Resist Infect Control* 2023; 12:98.

Kahlert C, Strahm C, Güsewell S, Cusini A, Brucher A, Goppel S, Möller E, Möller J, Ortner M, Ruetti M, Stocker R, Vuichard-Gysin D, Besold U, McGeer A, Risch L, Friedl A, Schlegel M, Vernazza P, Kuster S, Kohler P, SURPRISE (SURveillance of infectious diseases among health PProfessionals In SwitzErland) Study Group. Post-Acute Sequelae After Severe Acute Respiratory Syndrome Coronavirus 2 Infection by Viral Variant and Vaccination Status: A Multicenter Cross-Sectional Study. *Clin Infect Dis* 2023; 77:194-202.

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Schaerer V, Meier M, Schuepbach R, Zinkernagel A, Boumasmoud M, Chakrakodi B, Brugger S, Fröhlich M, Wolfensberger A, Sax H, Kuster S, Schreiber P. An intensive care unit outbreak with multi-drug-resistant *Pseudomonas aeruginosa* – spotlight on sinks. *J Hosp Infect* 2023; 139:161-167.

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Hascic A, Wolfensberger A, Clack L, Schreiber P, Kuster S, Sax H. Documentation of adherence to infection prevention best practice in patient records: a mixed-methods investigation. *Antimicrob Resist Infect Control* 2022; 11:107.

Strahm C, Seneghini M, Güsewell S, Egger T, Leal-Neto O, Brucher A, Lemmenmeier E, Meier Kleeb D, Möller J, Rieder P, Ruetti M, Rutz R, Schmid H, Stocker R, Vuichard-Gysin D, Wiggli B, Besold U, Kuster S, McGeer A, Risch L, Friedl A, Schlegel M, Schmid D, Vernazza P, Kahlert C, Kohler P. Symptoms Compatible With Long Coronavirus Disease (COVID) in Healthcare Workers With and Without Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection-Results of a Prospective Multicenter Cohort. *Clin Infect Dis* 2022; 75:e1011-e1019-9.

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Kachalov V, Kuster S, Balakrishna S, Schreiber P, Jakob W, Sax H, Kouyos R, Wolfensberger A. Modifiable and nonmodifiable risk factors for non-ventilator-associated hospital-acquired pneumonia identified in a retrospective cohort study. *Clin Microbiol Infect* 2022; 28:1451-1457.

Seneghini M, Rüfenacht S, Babouee Flury B, Flury D, Schlegel M, Kuster S, Kohler P. It is complicated: Potential short- and long-term impact of coronavirus disease 2019 (COVID-19) on antimicrobial resistance—An expert review. *Antimicrobial Stewardship & Healthcare Epidemiology* 2022

Seneghini M, Rüfenacht S, Babouee Flury B, Flury D, Schlegel M, Kuster S, Kohler P. It is complicated: Potential short- and long-term impact of coronavirus disease 2019 (COVID-19) on antimicrobial resistance—An expert review. *Antimicrob Steward Healthc Epidemiol* 2022; 2:e27.

Haller S, Vuichard-Gysin D, Wiggli B, Besold U, Kuster S, McGeer A, Risch L, Schlegel M, Friedl A, Vernazza P, Kahlert C, Stocker R, Rütli M, Güsewell S, Egger T, Scanferla G, Thoma R, Leal-Neto O, Flury D, Brucher A, Lemmenmeier E, Möller J, Rieder P, Kohler P. Impact of respirator versus surgical masks on SARS-CoV-2 acquisition in healthcare workers: a prospective multicentre cohort. *Antimicrob Resist Infect Control* 2022; 11:27.

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Tamò R, Turk T, Böni J, Kouyos R, Schmutz S, Huber M, Shah C, Bischoff-Ferrari H, Distler O, Battegay E, Giovanoli P, Guckenberger M, Kohler M, Müller R, Petry H, Ruschitzka F, McGeer A, Sax H, Weber R, Trkola A, Kuster S. Secondary attack rates from asymptomatic and symptomatic influenza virus shedders in hospitals: Results from the TransFLUas influenza transmission study. *Infect Control Hosp Epidemiol* 2021; 43:312-318.

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Kohler P, Schlegel M, Petignat C, Kuster S, Kahlert C, Héquet D, Harbarth S, Balmelli C, Egli A, Albrich W, Fulchini R, Kronenberg A. Antibiotic resistance in Swiss nursing homes: analysis of National Surveillance Data over an 11-year period between 2007 and 2017. *Antimicrob Resist Infect Control* 2018; 7:88.

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## Projects (4)

### **Assessment of Torque Teno Virus (TTV) viral load as marker for baseline immunity in healthcare workers**

*Clinical Studies - Dec 2, 2024 - Oct 31, 2025*

*Scheduled*

### **Humoral immunity and risk factors for Allogshon-virus in healthcare workers from Eastern Switzerland –proposal for a seroepidemiologic analysis**

*Clinical Studies - Aug 1, 2024 - Feb 28, 2026*

*Ongoing*

### **Point Prevalence of Antibiotic Resistance in Helicobacter pylori in St. Gallen: An Observational Pilot Trial**

*Clinical Studies - May 1, 2024 - Jun 30, 2025*

*Scheduled*

### **OASIS – Optimierung der Antibiotikannutzung im stationären Setting durch Interprofessionelles Stewardship**

*Healthcare Research - Dec 1, 2023 - Aug 31, 2024*

*Automatically Closed*