



Kantonsspital  
St.Gallen

# Wissenschaftliche Publikationen 2022



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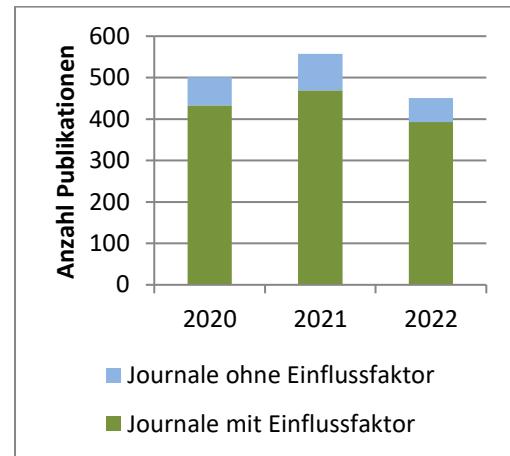
# Kantonsspital St.Gallen – Publikationen

Am Kantonsspital St.Gallen wird klinische Forschung und translationale Grundlagenforschung auf hohem Niveau betrieben. Die Ergebnisse der Studien und Forschungsprojekte werden an wissenschaftlichen Kongressen präsentiert und in wissenschaftlichen Journalen publiziert. Um die Öffentlichkeit und die Fachwelt über die Forschungsaktivitäten am Kantonsspital St.Gallen zu informieren, werden die Publikationen in der Forschungsdatenbank systematisch erfasst und ausgewertet ([www.kssg.ch/forschungsdatenbank](http://www.kssg.ch/forschungsdatenbank)).

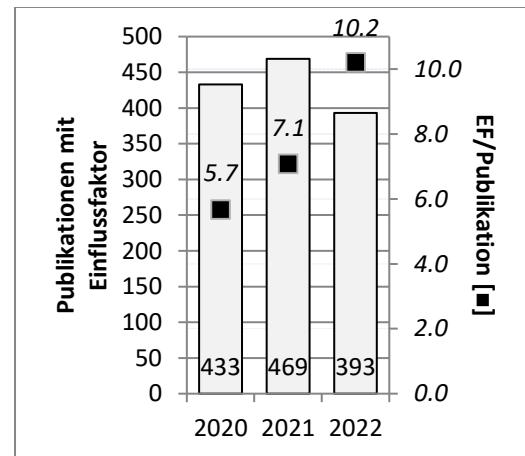
Im Jahr 2022 wurden 451 Publikationen mit Beteiligung von Forschenden des Kantonsspitals St.Gallen veröffentlicht. Von diesen Arbeiten wurden 393 in Journalen mit Einflussfaktor (auch Impact Factor genannt) publiziert (Abb. 1). Der Einflussfaktor einer Fachzeitschrift gibt an, wie oft ein Artikel aus dieser Zeitschrift innerhalb von zwei Jahren in anderen Artikeln zitiert wird. Für die Berechnung des mittleren Einflussfaktors der Publikationen des Kantonsspital St.Gallen 2022, wurden Daten des Journal Citation Reports (Clarivate Analytics) aus dem Jahr 2021 verwendet.

Die Analyse des mittleren Einflussfaktors pro Publikation ergab 10.2. In Abb. 2 sind die Daten der Jahre 2020-2022 gezeigt.

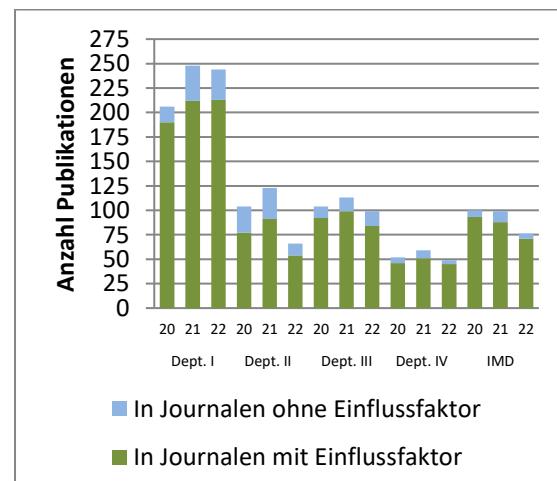
Die Auswertung der Publikationsdaten nach Medizinischen Departementen zeigt (Abb. 3), dass in allen Disziplinen intensiv geforscht und publiziert wird. In Abbildung 3 ist die Publikationstätigkeit der Jahre 2020 – 2022 in den einzelnen Departementen gezeigt. Detaillierte Auswertungen können beim Medizinischen Forschungszentrum (MFZ) angefordert werden. Durch interdisziplinäre Zusammenarbeiten sind die Summen der Publikationen höher als jene aus Abb. 1 und 2.



**Abb.1.** Anzahl der Publikationen in Journalen mit oder ohne Einflussfaktor in den Jahren 2020 – 2022



**Abb.2.** Mittlere Qualität der Publikationen gemessen als durchschnittlicher Einflussfaktor (EF) pro Veröffentlichung



**Abb. 3.** Publikationsstatistik in den Departementen I-IV und IMD in den Jahren 2020 – 2022

# Dept. I

## Allgemeine Innere Medizin | Hausarztmedizin

### Wissenschaftlicher Artikel/Review

1. Baumgartner A, Olpe T, Griot S, Mentil N, Staub N, Burn F, Schindera S, Kaegi-Braun N, Tribolet P, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Mueller B, Schuetz P. Association of CT-based diagnosis of sarcopenia with prognosis and treatment response in patients at risk of malnutrition - A secondary analysis of the Effect of early nutritional support on Frailty, Functional Outcomes, and Recovery of malnourished medical inpatients Trial (EFFORT) trial. *Clin Nutr* 2022; 42:199-207.
2. Boesing M, Abig K, Brändle M, Brutsche M, Burri E, Frye B, Giezendanner S, Grutters J, Haas P, Heisler J, Jaun F, Leuppi-Taegtmeyer A, Lüthi-Corridori G, Müller-Quernheim J, Nüesch R, Pohl W, Rassouli F, Leuppi J. Inhaled aviptadil for the possible treatment of COVID-19 in patients at high risk for ARDS: study protocol for a randomized, placebo-controlled, and multicenter trial. *Trials* 2022; 23:790.
3. Bretscher C, Boesiger F, Kaegi-Braun N, Hersberger L, Lobo D, Evans D, Tribolet P, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Mueller B, Schuetz P. Admission serum albumin concentrations and response to nutritional therapy in hospitalised patients at malnutrition risk: Secondary analysis of a randomised clinical trial. *EClinicalMedicine* 2022; 45:101301.
4. Christ E, Czock A, Renström F, Ammeter T, Ebrahimi F, Zechmann S, Kutz A, Diem P, Häuptle C, Brändle M. Evaluation of type 2 diabetes care management in nine primary care practices before and after implementation of the Criteria of Good Disease Management of Diabetes established by the Swiss Society of Endocrinology and Diabetology. *Swiss Med Wkly* 2022; 152:w30197.
5. Häggerli Keller K, Hackhofer S, Rüesch L, Schmid D. Integrative Behandlung von Anorexia nervosa im somatischen Spital. *Leading Opinions Neurologie & Psychiatrie* 2022; 2022:39-41.
6. Jaun F, Boesing M, Lüthi-Corridori G, Abig K, Makhdoomi A, Bloch N, Lins C, Raess A, Grillmayr V, Haas P, Schuetz P, Gabutti L, Muser J, Leuppi-Taegtmeyer A, Giezendanner S, Brändle M, Leuppi J. High-dose vitamin D substitution in patients with COVID-19: study protocol for a randomized, double-blind, placebo-controlled, multi-center study-VitCov Trial. *Trials* 2022; 23:114.
7. Kaegi-Braun N, Boesiger F, Tribolet P, Gomes F, Kutz A, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Lobo D, Cederholm T, Mueller B, Schuetz P. Validation of modified GLIM criteria to predict adverse clinical outcome and response to nutritional treatment: A secondary analysis of a randomized clinical trial. *Clin Nutr* 2022; 41:795-804.
8. Koster M, Brändle M. [Hypercalcemia - Diagnosis and Management]. *Praxis (Bern 1994)* 2022; 111:675-681.
9. Schaub C, Barnsteiner S, Schönenberg L, Bloch N, Dräger S, Albrich W, Conen A, Osthoff M. Antibiotic treatment durations for common infectious diseases in Switzerland: comparison between real-life and local and international guideline recommendations. *J Glob Antimicrob Resist* 2022; 32:11-17.
10. Stalder L, Kaegi-Braun N, Gressies C, Gregoriano C, Tribolet P, Lobo D, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Mueller B, Schuetz P. Prospective validation of five malnutrition

screening and assessment instruments among medical inpatients: Secondary analysis of a randomized clinical trial. *Clin Nutr* 2022; 41:1307-1315.

11. Woelfel S, Dütschler J, König M, Graf N, Oikonomou V, Krieger-Grübel C, Truniger S, Franke A, Eckhold A, Forsch K, Wyss J, Krupka N, Albrich W, Frei N, Geissler N, Schaub P, Friedrich M, Misselwitz B, Korte W, Bürgi J, Brand S. Systemic and T cell-associated responses to SARS-CoV-2 immunisation in gut inflammation (STAR SIGN study): effects of biologics on vaccination efficacy of the third dose of mRNA vaccines against SARS-CoV-2. *Aliment Pharmacol Ther* 2022; 57:103-116.

# Endokrinologie | Diabetologie | Osteologie | Stoffwechselerkrankungen

## Wissenschaftlicher Artikel/Review

1. Baumgartner A, Olpe T, Griot S, Mentil N, Staub N, Burn F, Schindera S, Kaegi-Braun N, Tribolet P, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Mueller B, Schuetz P. Association of CT-based diagnosis of sarcopenia with prognosis and treatment response in patients at risk of malnutrition - A secondary analysis of the Effect of early nutritional support on Frailty, Functional Outcomes, and Recovery of malnourished medical inpatients Trial (EFFORT) trial. *Clin Nutr* 2022; 42:199-207.
2. Boesing M, Abig K, Brändle M, Brutsche M, Burri E, Frye B, Giezendanner S, Grutters J, Haas P, Heisler J, Jaun F, Leuppi-Taegtmeyer A, Lüthi-Corridori G, Müller-Quernheim J, Nüesch R, Pohl W, Rassouli F, Leuppi J. Inhaled aviptadil for the possible treatment of COVID-19 in patients at high risk for ARDS: study protocol for a randomized, placebo-controlled, and multicenter trial. *Trials* 2022; 23:790.
3. Bretschera C, Boesiger F, Kaegi-Braun N, Hersberger L, Lobo D, Evans D, Tribolet P, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Mueller B, Schuetz P. Admission serum albumin concentrations and response to nutritional therapy in hospitalised patients at malnutrition risk: Secondary analysis of a randomised clinical trial. *EClinicalMedicine* 2022; 45:101301.
4. Christ E, Czock A, Renström F, Ammeter T, Ebrahimi F, Zechmann S, Kutz A, Diem P, Häuptle C, Brändle M. Evaluation of type 2 diabetes care management in nine primary care practices before and after implementation of the Criteria of Good Disease Management of Diabetes established by the Swiss Society of Endocrinology and Diabetology. *Swiss Med Wkly* 2022; 152:w30197.
5. Eugster P, Brown N, Hubers S, Schütze I, Reul A, Nölting S, Beuschlein F, Sigrist S, Bilz S, Kolb W, Henzen C, Fischli S, Trepp R, Wuerzner G, Matter M, Abid K, Vocat C, Maurer J, Grouzmann E. Proneuropeptide Y and neuropeptide Y metabolites in healthy volunteers and patients with a pheochromocytoma or paraganglioma. *Clin Chim Acta* 2022; 534:146-155.
6. Jaun F, Boesing M, Lüthi-Corridori G, Abig K, Makhdoomi A, Bloch N, Lins C, Raess A, Grillmayr V, Haas P, Schuetz P, Gabutti L, Muser J, Leuppi-Taegtmeyer A, Giezendanner S, Brändle M, Leuppi J. High-dose vitamin D substitution in patients with COVID-19: study protocol for a randomized, double-blind, placebo-controlled, multi-center study-VitCov Trial. *Trials* 2022; 23:114.
7. Kaegi-Braun N, Boesiger F, Tribolet P, Gomes F, Kutz A, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Lobo D, Cederholm T, Mueller B, Schuetz P. Validation of modified GLIM criteria to predict adverse clinical outcome and response to nutritional treatment: A secondary analysis of a randomized clinical trial. *Clin Nutr* 2022; 41:795-804.
8. Koster K, Rothermundt C, Binet F, Borovicka J, Bozinov O, Clerici T, Engeler D, Greiner J, Hader C, Heinimann K, Azzarello-Burri S, Lang C, Krull I, Stöckli S, Omlin A, Hundsberger T. Von-Hippel-Lindau-Erkrankung - Interdisziplinäre Betreuung und neue therapeutische Optionen. *Swiss Med Forum* 2022; 48:4-784-787.
9. Koster M, Brändle M. [Hypercalcemia - Diagnosis and Management]. *Praxis (Bern 1994)* 2022; 111:675-681.
10. Neidert M, Zeitlberger A, Leske H, Tschopp O, Sze L, Zwimpfer C, Wiesli P, Bellut D, Bernays R, Rushing E, Schmid C. Association of pre- and postoperative αKlotho levels with long-term remission after pituitary surgery for acromegaly. *Sci Rep* 2022; 12:14765.

11. Poveda A, Pomares-Millan H, Chen Y, Kurbasic A, Patel C, Renström F, Hallmans G, Johansson I, Franks P. Exposome-wide ranking of modifiable risk factors for cardiometabolic disease traits. *Sci Rep* 2022; 12:4088.
12. Stalder L, Kaegi-Braun N, Gressies C, Gregoriano C, Tribolet P, Lobo D, Gomes F, Hoess C, Pavlicek V, Bilz S, Sigrist S, Brändle M, Henzen C, Thomann R, Rutishauser J, Aujesky D, Rodondi N, Donzé J, Stanga Z, Mueller B, Schuetz P. Prospective validation of five malnutrition screening and assessment instruments among medical inpatients: Secondary analysis of a randomized clinical trial. *Clin Nutr* 2022; 41:1307-1315.

# Gastroenterologie | Hepatologie

## Wissenschaftlicher Artikel/Review

1. Abreu-Mendes P, Zumstein V, Parsons B, Flink I, Tornic J, Pinto R, Tidman V, Messelink B, Hughes J, Elneil S, Dinis-Oliveira P, Cottrell A, Borovicka J, Berghmans B, Baranowski A, Engeler D. Myofascial Pelvic Pain: Best Orientation and Clinical Practice. Position of the European Association of Urology Guidelines Panel on Chronic Pelvic Pain. Eur Urol Focus 2022
2. Beckmann S, Künzler-Heule P, Kabut K, Mauthner O. The Main Thing is to be Alive-Exploring Patients' Experiences With Weight Gain After Liver Transplantation: A Qualitative Study. Transpl Int 2022; 35:10256.
3. Biedermann L, Franke A, Seibold F, Quattropani C, Straumann A, Schoepfer A, Hruz P. Eosinophile Ösophagitis. Swiss Medical Forum 2022; 22(49-50):800-804.
4. Frei N, Stachler M. Today's Mistakes and Tomorrow's Wisdom in Development and Use of Biomarkers for Barrett's Esophagus. Visc Med 2022; 38:173-181.
5. Frei N. Today's Mistakes and Tomorrow's Wisdom in Development and Use of Biomarkers for Barrett's Esophagus. Visceral Medicine 2022
6. Guggisberg H, Nicca D, Kohler A, Bruggmann P, Künzler-Heule P. "Shaping the new freedom": A reflexive thematic analysis on patients' post cure needs after years of living with hepatitis C. Swiss Med Wkly 2022; 152
7. Koster K, Rothermundt C, Binet F, Borovicka J, Bozinov O, Clerici T, Engeler D, Greiner J, Hader C, Heinemann K, Azzarello-Burri S, Lang C, Krull I, Stöckli S, Omlin A, Hundsberger T. Von-Hippel-Lindau-Erkrankung - Interdisziplinäre Betreuung und neue therapeutische Optionen. Swiss Med Forum 2022; 48:4-784-787.
8. Perrig K, Krupka N, Jordi S, Rossel J, Biedermann L, Greuter T, Schreiner P, Vavricka S, Juillerat P, Burri E, Zimmermann D, Maillard M, Sulz M, Brand S, Rogler G, Misselwitz B. Effectiveness of golimumab in patients with ulcerative colitis: results of a real-life study in Switzerland. Therap Adv Gastroenterol 2022; 15:17562848221074188.
9. Quintavalle C, Meyer-Schaller N, Roessler S, Calabrese D, Marone R, Riedl T, Picco-Rey S, Panagiotou O, Uzun S, Piscuoglio S, Boldanova T, Bian C, Semela D, Jochum W, Cathomas G, Mertz K, Diebold J, Mazzucchelli L, Koelzer V, Weber A, Decaens T, Terracciano L, Heikenwalder M, Hoshida Y, Andersen J, Thorgeirsson S, Matter M. miR-579-3p Controls Hepatocellular Carcinoma Formation by Regulating the Phosphoinositide 3-Kinase-Protein Kinase B Pathway in Chronically Inflamed Liver. Hepatol Commun 2022; 6:1467-1481.
10. Schönenberger K, Reber E, Vu D, Krieger-Grübel C, Gerber P, Muri R, Huwiler V, Mühlbach S, Leuenberger M, Stanga Z. Attitudes and expectations of patients on home parenteral nutrition towards eHealth: A multicenter survey. Clin Nutr ESPEN 2022; 52:445-449.
11. Stallhofer J, Veith L, Diegelmann J, Probst P, Brand S, Schnitzler F, Olszak T, Török H, Mayerle J, Stallmach A, Beigel F. Iron Deficiency in Inflammatory Bowel Disease Is Associated With Low Levels of Vitamin D Modulating Serum Hepcidin and Intestinal Ceruloplasmin Expression. Clin Transl Gastroenterol 2022; 13:e00450.
12. Woelfel S, Dütschler J, König M, Graf N, Oikonomou V, Krieger-Grübel C, Truniger S, Franke A, Eckhold A, Forsch K, Wyss J, Krupka N, Albrich W, Frei N, Geissler N, Schaub P, Friedrich M, Misselwitz B, Korte W, Bürgi J, Brand S. Systemic and T cell-associated responses to SARS-CoV-2 immunisation in gut inflammation (STAR SIGN study): effects of biologics on vaccination efficacy of the third dose of mRNA vaccines against SARS-CoV-2. Aliment Pharmacol Ther 2022; 57:103-116.

# Infektiologie | Spitalhygiene

## Wissenschaftlicher Artikel/Review

1. Aebi-Popp K, Kahlert C, Crisinel P, Decosterd L, Saldanha S, Hoesli I, Martinez de Tejada B, Duppenthaler A, Rauch A, Marzolini C. Transfer of antiretroviral drugs into breastmilk: a prospective study from the Swiss Mother and Child HIV Cohort Study. *J Antimicrob Chemother* 2022; 77:3436-3442.
2. Albrich W, Ghosh T, Ahearn-Ford S, Mikaeloff F, Lunjani N, Forde B, Suh N, Kleger G, Pietsch U, Frischknecht M, Garzoni C, Forlenza R, Horgan M, Sadlier C, Negro T, Pugin J, Wozniak H, Cerny A, Neogi U, O'Toole P, O'Mahony L. A high-risk gut microbiota configuration associates with fatal hyperinflammatory immune and metabolic responses to SARS-CoV-2. *Gut Microbes* 2022; 14:2073131.
3. Andresen S, Balakrishna S, Mugglin C, Schmidt A, Braun D, Marzel A, Doco Lecompte T, Darling K, Roth J, Schmid P, Bernasconi E, Günthard H, Rauch A, Kouyos R, Salazar-Vizcaya L, Swiss HIV Cohort Study. Unsupervised machine learning predicts future sexual behaviour and sexually transmitted infections among HIV-positive men who have sex with men. *PLoS Comput Biol* 2022; 18:e1010559.
4. Babouee Flury B, Güsewell S, Egger T, Leal O, Brucher A, Lemmenmeier E, Meier Kleeb D, Möller J, Rieder P, Rütti M, Schmid H, Stocker R, Vuichard-Gysin D, Wiggl B, Besold U, McGeer A, Risch L, Friedl A, Schlegel M, Kuster S, Kahlert C, Kohler P, SURPRISE Study Group. Risk and symptoms of COVID-19 in health professionals according to baseline immune status and booster vaccination during the Delta and Omicron waves in Switzerland-A multicentre cohort study. *PLoS Med* 2022; 19:e1004125.
5. Bellini C, Eder M, Senn L, Sommerstein R, Vuichard-Gysin D, Schmiedel Y, Schlegel M, Harbarth S, Troillet N. Providing care to patients in contact isolation: is the systematic use of gloves still indicated?. *Swiss Med Wkly* 2022; 152:w30110.
6. Bick A, Popadin K, Thorball C, Uddin M, Zanni M, Yu B, Cavassini M, Rauch A, Tarr P, Schmid P, Bernasconi E, Günthard H, Libby P, Boerwinkle E, McLaren P, Ballantyne C, Grinspoon S, Natarajan P, Fellay J, Swiss HIV Cohort Study. Author Correction: Increased prevalence of clonal hematopoiesis of indeterminate potential amongst people living with HIV. *Sci Rep* 2022; 12:11638.
7. Blankenberger J, Kriemler S, Michel G, Rodondi N, Rodondi P, Speierer A, Tancredi S, Puhan M, Kahlert C, Kohler P, Harju E, Fehr J, Kaufmann M, Albanese E, Amati R, Anker D, Camerini A, Chocano-Bedoya P, Cullati S, Cusini A, Corona Immunitas Research Group. Is living in a household with children associated with SARS-CoV-2 seropositivity in adults? Results from the Swiss national seroprevalence study Corona Immunitas. *BMC Med* 2022; 20:233.
8. Bosetti D, Mugglin C, Calmy A, Cavassini M, Stöckle M, Braun D, Notter J, Haerry D, Hampel B, Kovari H, Bernasconi E, Wandeler G, Rauch A, Swiss HIV Cohort Study. Risk Factors and Incidence of Sexually Transmitted Infections in the Swiss HIV Cohort Study. *Open Forum Infect Dis* 2022; 9:ofac592.
9. Brune J, Schaub S, Khanna N, Schachtner T, Müller T, Boggian K, Schnyder A, Neofytos D, Hadaya K, Manuel O, Golshayan D, Walti L, Sidler D, Wehmeier C, Dickenmann M, Swiss Transplant Cohort Study. Impact of different urinary tract infection phenotypes within the first year post-transplant on renal allograft outcomes. *Am J Transplant* 2022; 22:1823-1833.
10. Bögli J, Güsewell S, Strässle R, Kahlert C, Albrich W. Pediatric hospital admissions, case severity, and length of hospital stay during the first 18 months of the COVID-19 pandemic in a tertiary children's hospital in Switzerland. *Infection* 2022;1-8.

11. COVID-19 Host Genetics Initiative. A first update on mapping the human genetic architecture of COVID-19. *Nature* 2022; 608:E1-E10.
12. Chammartin F, Darling K, Abela I, Battegay M, Furrer H, Calmy A, Bernasconi E, Schmid P, Hoffmann M, Bucher H, and the Swiss HIV Cohort Study. CD4:CD8 Ratio and CD8 Cell Count and Their Prognostic Relevance for Coronary Heart Disease Events and Stroke in Antiretroviral Treated Individuals: The Swiss HIV Cohort Study. *J Acquir Immune Defic Syndr* 2022; 91:508.
13. Chaudron S, Leemann C, Kusejko K, Nguyen H, Tschumi N, Marzel A, Huber M, Böni J, Perreau M, Klimkait T, Yerly S, Ramette A, Hirsch H, Rauch A, Calmy A, Vernazza P, Bernasconi E, Cavassini M, Metzner K, Kouyos R, Günthard H, Swiss HIV Cohort Study. A Systematic Molecular Epidemiology Screen Reveals Numerous Human Immunodeficiency Virus (HIV) Type 1 Superinfections in the Swiss HIV Cohort Study. *J Infect Dis* 2022; 226:1256-1266.
14. Darie A, Khanna N, Jahn K, Osthoff M, Bassetti S, Osthoff M, Schumann D, Albrich W, Hirsch H, Brutsche M, Grize L, Tamm M, Stolz D. Fast multiplex bacterial PCR of bronchoalveolar lavage for antibiotic stewardship in hospitalised patients with pneumonia at risk of Gram-negative bacterial infection (Flagship II): a multicentre, randomised controlled trial. *Lancet Respir Med* 2022; 10:877-887.
15. Drummond R, Desai J, Hsu A, Oikonomou V, Vinh D, Acklin J, Abers M, Walkiewicz M, Anzick S, Swamydas M, Vautier S, Natarajan M, Oler A, Yamanaka D, Mayer-Barber K, Iwakura Y, Bianchi D, Driscoll B, Hauck K, Kline A, Viall N, Zerbe C, Ferré E, Schmitt M, DiMaggio T, Pittaluga S, Butman J, Zelazny A, Shea Y, Arias C, Ashbaugh C, Mahmood M, Temesgen Z, Theofiles A, Nigo M, Moudgal V, Bloch K, Kelly S, Whitworth M, Rao G, Whitener C, Mafi N, Gea-Banacloche J, Kenyon L, Miller W, Boggian K, Gilbert A, Sincock M, Freeman A, Bennett J, Hasbun R, Mikelis C, Kwon-Chung K, Belkaid Y, Brown G, Lim J, Kuhns D, Holland S, Lionakis M. Human Dectin-1 deficiency impairs macrophage-mediated defense against phaeohyphomycosis. *J Clin Invest* 2022; 132
16. Dörr T, Haller S, Müller M, Friedl A, Vuichard D, Kahlert C, Kohler P. Risk of SARS-CoV-2 Acquisition in Health Care Workers According to Cumulative Patient Exposure and Preferred Mask Type. *JAMA Netw Open* 2022; 5:e2226816.
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# Intensivmedizin

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# Medizinische Onkologie und Hämatologie

## Buch

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# Nephrologie | Transplantationsmedizin

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# Neurologie

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## Dept. IV

### Pathologie

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## Clinical Trials Unit

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## Zentrum für Integrative Medizin (ZIM)

### Wissenschaftlicher Artikel/Review

1. Ribi K, Kalbermatten N, Eicher M, Strasser F. Towards a novel approach guiding the decision-making process for anticancer treatment in patients with advanced cancer: framework for systemic anticancer treatment with palliative intent. *ESMO Open* 2022; 7:100496.

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## Schmerzzentrum

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