

Publikationen 2021

Lurati Buse GAL, Puelacher C, Menosi Gualandro D, Genini AS, Hidvegi R, Bolliger D, Arslani K, Steiner LA, Kindler C, Mueller C; BASEL-PMI Investigators. Association between self-reported functional capacity and major adverse cardiac events in patients at elevated risk undergoing noncardiac surgery: a prospective diagnostic cohort study. *Br J Anaesth.* 2021; 126(1): 102-110 (IF 2020: 9.166)

Puelacher C, Bollen Pinto B, Mills NL, Duceppe E, Popova E, Duma A, Nagele P, Omland T, **Hammerer-Lercher A**, Lurati Buse G. Expert consensus on peri-operative myocardial injury screening in noncardiac surgery: A literature review. *Eur J Anaesthesiol.* 2021; 38(6): 600-608. (IF 2020: 4.33)

Gualandro DM, Puelacher C, Lurati Buse G, Glarner N, Cardozo FA, Vogt R, Hidvegi R, Strunz C, Bolliger D, Gueckel J, Yu PC, Liffert M, Arslani K, Prepoudis A, Calderaro D, **Hammerer-Lercher A**, Lampart A, Steiner LA, Schären S, Kindler C, Guerke L, Osswald S, Devereaux PJ, Caramelli B, Mueller C; BASEL-PMI Investigators. Incidence and outcomes of perioperative myocardial infarction/injury diagnosed by high-sensitivity cardiac troponin I. *Clin Res Cardiol.* 2021; 10(9): 1450-1463. (IF 2020: 5.46)

Gregoriano C, Damm D, Kutz A, Koch D, Wolfisberg S, Haubitz S, Conen A, **Bernasconi L**, **Hammerer-Lercher A**, Fux CA, Mueller B, Schuetz P. Association of endothelial activation assessed through endothelin-I precursor peptide measurement with mortality in COVID-19 patients: an observational analysis. *Respir Res.* 2021; 22(1): 148. (IF 2020: 5.631)

Gregoriano C, Koch D, Kutz A, Haubitz S, Conen A, Bernasconi L, Hammerer-Lercher A, Saeed K, Mueller B, Schuetz P: The vasoactive peptide MR-pro-adrenomedullin in COVID-19 patients: an observational study. *Clin Chem Lab Med* 2021; 59(5): 995-1004. (IF 2020: 3.694)

Gregoriano C, Molitor A, Haag E, Kutz A, Koch D, Haubitz S, Conen A, **Bernasconi L**, **Hammerer-Lercher A**, Fux CA, Mueller B, Schuetz P. Activation of Vasopressin System During COVID-19 is Associated With Adverse Clinical Outcomes: An Observational Study. *J Endocr Soc.* 2021; 5(6): bvab045.

Collinson P, Suvisaari J, Aakre KM, Baum H, Duff CJ, Gruson D, **Hammerer-Lercher A**, Pulkki K, Stankovic S, Langlois MR, Apple FS, Laitinen P; EFLM Task Group on Cardiac Markers. How Well Do Laboratories Adhere to Recommended Guidelines for Cardiac Biomarkers Management in Europe? The CARDiac MARKer Guideline Uptake in Europe (CARMARGUE) Study of the European Federation of Laboratory Medicine Task Group on Cardiac Markers. *Clin Chem.* 2021; 67(8): 1144-1152. (IF 2020: 8.327)

Lurati Buse GAL, Puelacher C, Gualandro DM, Kilinc D, Glarner N, Hidvegi R, Bolliger D, Arslani K, Lampart A, Steiner LA, Kindler C, Wolff T, Mujagic E, Guerke L, Mueller C; Incidence and Outcome of Perioperative Myocardial Injury After Non-cardiac Surgery (BASEL-PMI) Investigators. Adherence to the European Society of Cardiology/European Society of Anaesthesiology recommendations on preoperative cardiac testing and association with positive results and cardiac events: a cohort study. *Br J Anaesth.* 2021; 127(3): 376-385. (IF 2020: 9.166)

Wolfisberg S, Gregoriano C, Struja T, Kutz A, Koch D, **Bernasconi L**, **Hammerer-Lercher A**, Mohr C, Haubitz S, Conen A, Fux C, Mueller B, Schuetz P. Comparison of characteristics, predictors and outcomes between the first and second COVID-19 waves in a tertiary care centre in Switzerland: an observational analysis. *Swiss Med Wkly*. 2021; 151: w20569. (IF 2020: 2.193)

Reber E, **Neyer P**, Schönenberger KA, Saxer C, **Bernasconi L**, Stanga Z, Huber A, **Hammerer-Lercher A**, Mühlebach S. Physicochemical Stability and Compatibility Testing of Voriconazole in All-in-One Parenteral Nutrition Admixtures. *Pharmaceutics*. 2021; 13(9):1447. (IF 2020: 6.321)

Wolfisberg S, Gregoriano C, Struja T, Kutz A, Koch D, **Bernasconi L**, **Hammerer-Lercher A**, Mohr C, Haubitz S, Conen A, Fux CA, Mueller B, Schuetz P. Call, chosen, HA2T2, ANDC: validation of four severity scores in COVID-19 patients. *Infection*. 2021 Nov 19:1-9. doi: 10.1007/s15010-021-01728-0. *Online ahead of print*. (IF 2020: 3.553)

Kutz A, Conen A, Gregoriano C, Haubitz S, Koch D, Domenig O, **Bernasconi L**, Mueller B, Schuetz P. Renin-angiotensin-aldosterone system peptide profiles in patients with COVID-19. *Eur J Endocrinol*. 2021; 184(4): 543-552. (IF 2020: 6.664)

Gerull R, Neumann RP, Atkinson A, **Bernasconi L**, Schulzke SM, Wellmann S. Respiratory morbidity in preterm infants predicted by natriuretic peptide (MR-proANP) and endothelin-1 (CT-proET-1). *Pediatr Res*. 2021: *Online ahead of print*. (IF 2020: 3.756)

Fill Malfertheiner S, Bataiosu-Zimmer E, Michel H, Fouzas S, **Bernasconi L**, Bühler C, Wellmann S. Vasopressin but Not Oxytocin Responds to Birth Stress in Infants. *Front Neurosci*. 2021; 15: 718056. (IF 2020: 4.677)

Rubeli S, Conen A, Diepers M, **Bernasconi L**, Hasler P, Mueller RB. Successful Treatment of Rheumatoid Meningitis Associated With a Decrease of ACPA Antibody Index. *J Clin Rheumatol*. 2021. *Online ahead of print*

Willekens G, Studt JD, **Mendez A**, Alberio L, Fontana P, Wuillemin WA, Schmidt A, Graf L, Gerber B, Bovet C, Sauter TC, Nagler M. A universal anti-Xa assay for rivaroxaban, apixaban, and edoxaban measurements: method validation, diagnostic accuracy and external validation. *Br J Haematol*. 2021; 193(6): 1203-1212. (IF 2020: 6.998)

Meihandoest T, Studt JD, Mendez A, Alberio L, Fontana P, Wuillemin WA, Schmidt A, Graf L, Gerber B, Maeder GM, Bovet C, Sauter TC, Nagler M. Automated Thrombin Generation Assay for Rivaroxaban, Apixaban, and Edoxaban Measurements. *Front Cardiovasc Med*. 2021 Sep 9;8:717939. (IF 2020: 6.05)

Lhermitte L, Barreau S, Morf D, **Fernandez P**, Grigore G, Barrena S, de Bie M, Flores-Montero J, Brüggemann M, Mejstrikova E, Nierkens S, Burgos L, Caetano J, Gaipa G, Buracchi C, da Costa ES, Sedek L, Szczepański T, Aanei CM, van der Sluijs-Gelling A, Delgado AH, Fluxa R, Lecrevisse Q, Pedreira CE, van Dongen JJM, Orfao A, van der Velden VHJ; EuroFlow Consortium. Automated identification of leukocyte subsets improves standardization of database-guided expert-supervised diagnostic orientation in acute leukemia: a EuroFlow study. *Mod Pathol*. 2021; 34(1): 59-69 (IF 2020: 7.842)

Bras AE, Osmani Z, de Haas V, Jongen-Lavrencic M, Te Marvelde JG, Zwaan CM, Mejstrikova E, **Fernandez P**, Szczepanski T, Orfao A, van Dongen JJM, van der Velden

VHJ. Standardised immunophenotypic analysis of myeloperoxidase in acute leukaemia. *Br J Haematol.* 2021; 193(5): 922-927. (IF 2020: 6.998)

Légeret C, Rüttimann C, **Fankhauser H**, Köhler H. Parasitic infections in Swiss children: Are we overtesting? *BMC Gastroenterol.* 2021; 21(1): 39 (IF 2020: 22.682)

Adam KM, Osthoff M, Lamoth F, Conen A, Erard V, Boggian K, Schreiber PW, Zimmerli S, Bochud PY, Neofytos D, Fleury M, Fankhauser H, Goldenberger D, Mühlethaler K, Riat A, Zbinden R, Kronenberg A, Quiblier C, Marchetti O, Khanna N; Fungal Infection Network of Switzerland (FUNGINOS). Trends of the Epidemiology of Candidemia in Switzerland: A 15-Year FUNGINOS Survey. *Open Forum Infect Dis.* 2021; 8(10): ofab471. (IF 2020: 3.835)

Ragozzino S, Goldenberger D, Wright PR, Zimmerli S, Mühlethaler K, Neofytos D, Riat A, Boggian K, Nolte O, Conen A, **Fankhauser H**, Schreiber PW, Zbinden R, Lamoth F, Khanna N. Distribution of Aspergillus Species and Prevalence of Azole Resistance in Respiratory Samples From Swiss Tertiary Care Hospitals. *Open Forum Infect Dis.* 2021; 9(2): ofab638. (IF 2020: 3.835)

Singer-Cornelius T, Cornelius J, **Oberle M**, Metternich FU, Brockmeier SJ. Objective gustatory and olfactory dysfunction in COVID-19 patients: a prospective cross-sectional study. *Eur Arch Otorhinolaryngol.* 2021; 278(9): 3325-3332. (IF 2020: 2.503)

Achtnichts L, Jakopp B, **Oberle M**, Nedeltchev K, Fux CA, Sellner J, Findling O. Humoral Immune Response after the Third SARS-CoV-2 mRNA Vaccination in CD20 Depleted People with Multiple Sclerosis. *Vaccines (Basel).* 2021; 9(12): 1470. (IF 2020: 4.422)

Bregenzer A, **Ottiger C**, Krismer C, Sager K, Fux CA. HCV RNA quantification in capillary dried blood spots with the Xpert® HCV Viral Load test for diagnosing chronic HCV infection, monitoring treatment and detecting reinfection. *Swiss Med Wkly.* 2021; 151: w30089. (IF 2020: 2.193)