

## Publikationen 2019

Eckart A, Hauser SI, Kutz A, Haubitz S, Hausfater P, Amin D, Amin A, **Huber A**, Mueller B, Schuetz P. Combination of the National Early Warning Score (NEWS) and inflammatory biomarkers for early risk stratification in emergency department patients: results of a multi-national, observational study. *BMJ Open*. 2019; 9(1): e024636 (IF 2018: 2.376)

Hugosson J, Roobol MJ, Månsson M, Tammela TLJ, Zappa M, Nelen V, Kwiatkowski M, Lujan M, Carlsson SV, Talala KM, Lilja H, Denis LJ, Recker F, Paez A, Puliti D, Villers A, Rebillard X, Kilpeläinen TP, Stenman UH, Godtman RA, Stinesen Kollberg K, Moss SM, Kujala P, Taari K, **Huber A**, van der Kwast T, Heijnsdijk EA, Bangma C, De Koning HJ, Schröder FH, Auvinen A; ERSPC investigators. A 16-yr Follow-up of the European Randomized study of Screening for Prostate Cancer. *Eur Urol*. 2019; 76(1): 43-51 (IF 2018: 17.298)

Sailer CO, Winzeler B, Nigro N, **Bernasconi L**, Mueller B, Christ-Crain M. Influence of outdoor temperature and relative humidity on incidence and etiology of hyponatremia. *The J Clin Endocr Metab*. 2019. 104(4): 1304-1312 (IF 2018: 5.605)

Baumgartner T, Zurauskaite G, Steuer C, **Bernasconi L**, **Huber A**, Mueller B, Schuetz P. Association of serum sphingomyelin profile with clinical outcomes in patients with lower respiratory tract infections: results of an observational, prospective 6-year follow-up study. *Clin Chem Lab Med*. 2019. 57(5):679-689 (IF 2018: 3.638)

Struja T, Jutzi R, Imahorn N, Kaeslin M, Boesiger F, Kutz A, **Mundwiler E**, **Huber A**, Kraenzlin M, Mueller B, Meier C, **Bernasconi L**, Schuetz P. Comparison of Five TSH-Receptor Antibody Assays in Graves' disease: results from an observational pilot study. *BMC Endocr Disord*. 2019; 19(1): 38 (IF 2018: 1.816)

Struja T, Eckart A, Kutz A, Neyer P, Kraenzlin M, Mueller B, Meier C, **Bernasconi L**, Schuetz P. Metabolomics and Their Ability to Distinguish Thyroid Disorders: A Retrospective Pilot Study. *Horm Metab Res*. 2019; 51(4): 256-260 (IF 2018: 2.423)

Ebrahimi F, Urwyler SA, Schuetz P, Mueller B, **Bernasconi L**, **Neyer P**, Donath MY, Christ-Crain M. Effects of interleukin-1 antagonism on cortisol levels in individuals with obesity: a randomized clinical trial. *Endocr Connect*. 2019; 8(6): 701-708 (IF 2018: 2.474)

**Bernasconi L**, **Mundwiler E**, Regenass S, Aubert V, **Hammerer-Lercher A**, Heijnen I. Variable and inaccurate serum IgG4 levels resulting from lack of standardization in IgG subclass assay calibration. *Clin Chem Lab Med*. 2019; (IF 2018: 3.638) [Epub ahead of print]

Flores-Montero J, Kalina T, Corral-Mateos A, Sanoja-Flores L, Pérez-Andrés M, Martín-Ayuso M, Sedek L, Rejlova K, Mayado A, **Fernandez P**, van der Velden V, Bottcher S, van Dongen JJM, Orfao A. Fluorochrome choices for multi-color flow cytometry. *J Immunol Methods*. 2019. (IF 2018: 1.913) [Epub ahead of print]

du Fay de Lavallaz J, Puelacher C, Lurati Buse G, Bolliger D, Germanier D, Hidvegi R, Walter JE, Twerenbold R, Strebel I, Badertscher P, Sazgary L, Lampart A, Espinola J, Kindler C, **Hammerer-Lercher A**, Thambipillai S, Guerke L, Rentsch K, Buser A, Gualandro D, Jakob M, Mueller C; BASEL-PMI Investigators. Daytime variation of perioperative myocar-

dial injury in non-cardiac surgery and effect on outcome. *Heart*. 2019; 105(11): 826-833 (IF 2018: 5.082)

Neeser OL, Vukajlovic T, Felder L, Haubitz S, **Hammerer-Lercher A**, **Ottiger C**, Mueller B, Schuetz P, Fux CA. A high C-reactive protein/procalcitonin ratio predicts *Mycoplasma pneumoniae* infection. *Clin Chem Lab Med*. 2019; 57(10): 1638-1646 (IF 2018: 3.638)

Reiber H, Zeman D, Kušnierová P, **Mundwiler E**, **Bernasconi L**. Diagnostic relevance of free light chains in cerebrospinal fluid - The hyperbolic reference range for reliable data interpretation in quotient diagrams. *Clin Chim Acta*. 2019; 497: 153-162 (IF 2018: 2.735)

**Neyer P**, **Bernasconi L**, Fuchs JA, Allenspach MD, Steuer C. Derivatization-free determination of short-chain volatile amines in human plasma and urine by headspace gas chromatography-mass spectrometry. *J Clin Lab Anal*. 2019:e23062 (IF 2018: 1.728)

Bolliger R, Neeser O, Merker M, Vukajlovic T, Felder L, Fiumefreddo R, Haubitz S, Koch D, **Hammerer-Lercher A**, **Ottiger C**, Fux CA, Mueller B, Schuetz P. Validation of a Prediction Rule for *Legionella* Pneumonia in Emergency Department Patients. *Open Forum Infect Dis*. 2019; 6(7): ofz268 (IF 2018: 3.371)

Badertscher P, du Fay de Lavallaz J, **Hammerer-Lercher A**, Nestelberger T, Zimmermann T, Geiger M, Imahorn O, Miró Ó, Salgado E, Christ M, Cullen L, Than M, Martin-Sanchez FJ, Di Somma S, Peacock WF, Keller DI, Costabel JP, Walter J, Boeddinghaus J, Twerenbold R, **Méndez A**, Gospodinov B, Puelacher C, Wussler D, Koechlin L, Kaweck D, Geigy N, Strebel I, Lohrmann J, Kühne M, Reichlin T, Mueller C; BASEL IX Investigators. Prevalence of Pulmonary Embolism in Patients With Syncope. *J Am Coll Cardiol*. 2019; 74(6): 744-754 (IF 2018: 18.639)

Flores-Montero J, Grigore G, Fluxá R, Hernández J, **Fernandez P**, Almeida J, Muñoz N, Böttcher S, Sedek L, van der Velden V, Barrena S, Hernández A, Paiva B, Lecrevisse Q, Lima M, Santos AH, van Dongen JJM, Orfao A. EuroFlow Lymphoid Screening Tube (LST) data base for automated identification of blood lymphocyte subsets. *J Immunol Methods*. 2019: 112662 (IF 2018: 1.913)

Glier H, Novakova M, Te Marvelde J, Bijkerk A, Morf D, Thurner D, Rejlova K, Lange S, Finke J, van der Sluijs-Gelling A, Sedek L, Flores-Montero J, Böttcher S, **Fernandez P**, Ritgen M, van Dongen JJM, Orfao A, van der Velden VHJ, Kalina T. Comments on EuroFlow standard operating procedures for instrument setup and compensation for BD FACS Canto II, Navios and BD FACS Lyric instruments. *J Immunol Methods*. 2019: 112680 (IF 2018: 1.913)

Rubeli SL, D'Alonzo D, Mueller B, Bartlomé N, **Fankhauser H**, Bucheli E, Conen A, Fandino J, Fux CA. Implementation of an infection prevention bundle is associated with reduced surgical site infections in cranial neurosurgery. *Neurosurg Focus*. 2019; 47(2): E3 (IF 2018: 2.891)

Bregenzer A, Warmann N, **Ottiger C**, Fux CA. Rapid point-of-care HCV RNA quantification in capillary whole blood for diagnosing chronic HCV infection, monitoring treatment and detecting reinfection. *Swiss Med Wkly*. 2019; 149: w20137 (IF 2018: 1.821)

Bertisch B, Brezzi M, Negro F, Müllhaupt B, **Ottiger C**, Künzler-Heule P, Schmid P, Giudici F, Clerc O, Moriggia A, Roelens M, Marinucci F, Zehnder C, Moradpour D, Keiser O; Swiss Hepatitis C Cohort Study. Very low hepatitis C viral loads in treatment-naïve persons: do



they compromise hepatitis C virus antigen testing? Clin Infect Dis. 2019. [Epub ahead of print] (IF 2018: 9.055)

Evers KS, Huhn EA, Fouzas S, Barro C, Kuhle J, Fisch U, **Bernasconi L**, Lapaire O, Wellmann S. Impact of parturition on maternal cardiovascular and neuronal integrity in a high risk cohort - a prospective cohort study. BMC Pregnancy Childb. 2019; 19(1): 403 (IF 2018: 2.413)

Eckart A, Struja T, Kutz A, Baumgartner A, Baumgartner T, Zurfluh S, Neeser O, **Huber A**, Stanga Z, Mueller B, Schuetz P. Relationship of Nutritional Status, Inflammation, and Serum Albumin Levels During Acute Illness: A Prospective Study. Am J Med. 2019. pii: S0002-9343(19)30975-1 (IF 2018: 4.76)

Vögeli A, Ghasemi M, Gregoriano C, **Hammerer A**, Haubitz S, Koch D, Kutz A, Mueller B, Schuetz P. Diagnostic and prognostic value of the D-dimer test in emergency department patients: secondary analysis of an observational study. Clin Chem Lab Med. 2019; 57(11): 1730-1736 (IF 2018: 3.638)

Langlois MR, Nordestgaard BG, Langsted A, Chapman MJ, Aakre KM, Baum H, Borén J, Bruckert E, Catapano A, Cobbaert C, Collinson P, Descamps OS, Duff CJ, von Eckardstein A, **Hammerer-Lercher A**, Kamstrup PR, Kolovou G, Kronenberg F, Mora S, Pulkki K, Remaley AT, Rifai N, Ros E, Stankovic S, Stavljenic-Rukavina A, Sypniewska G, Watts GF, Wiklund O, Laitinen P; European Atherosclerosis Society (EAS) and the European Federation of Clin Chem Lab Med (EFLM) Joint Consensus Initiative. Quantifying atherogenic lipoproteins for lipid-lowering strategies: consensus-based recommendations from EAS and EFLM. Clin Chem Lab Med. 2019. [Epub ahead of print] (IF 2018: 3.638)

Prause LW, Manka L, Millan C, Lang E, Wyler SF, Grobholz R, **Hammerer-Lercher A**, Sulser T, Recker F, Kwiatkowski M, Eberli D. Influence of regular aspirin intake on PSA values, prostate cancer incidence and overall survival in a prospective screening trial (ERSPC Aarau). World J Urol. 2019. [Epub ahead of print] (IF 2018: 2.761)

