

## **Publications Romuald Bellmann, MD associate professor April 2021**

### **Publications of the last five years without abstracts**

#### I. Original articles

1. Welte R, Oberacher H, Gasperetti T, Pfisterer H, Griesmacher A, Santner T, Lass-Flörl C, Hörtnagl C, Leitner-Rupprich S, Aigner M, Lorenz I, Schmid S, Edlinger M, Eller P, Dankl D, Joannidis M, Bellmann R (2021) Pharmacokinetics and antifungal activity of echinocandins in ascites fluid of critically ill patients, in press
2. Köglberger P, Klein SJ, Lehner GF, Bellmann R, Peer A, Schwärzler D, Joannidis M (2021) Low bicarbonate replacement fluid normalizes metabolic alkalosis during continuous veno-venous hemofiltration with regional citrate anticoagulation. *Ann Intensive Care*. Apr 23;11(1):62. doi: 10.1186/s13613-021-00850-4.PMID: 33891213.
3. Gasperetti T, Welte R, Oberacher H, Marx J, Lorenz I, Schellongowski P, Staudinger T, Burgmann K, Eller P, Santner T, Griesmacher A, Pfisterer H, Eschertzhuber S, Aigner M, Joannidis M, Bellmann R (2021) Penetration of echinocandins into wound secretion of critically ill patients. *Infection*. Apr 20. doi: 10.1007/s15010-021-01604-x. Online ahead of print.PMID: 33877638
4. Marx J, Welte R, Gasperetti T, Moser P, Joannidis M, Bellmann R (2021) Human Tissue Distribution of Anidulafungin and Micafungin. *Antimicrob Agents Chemother*. Apr 19:AAC.00169-21. doi: 10.1128/AAC.00169-21. Online ahead of print.PMID: 33875434
5. Sonnweber T, Sahanic S, Pizzini A, Luger A, Schwabl C, Sonnweber B, Kurz K, Koppelstätter S, Haschka D, Petzer V, Boehm A, Aichner M, Tymoszuk P, Lener D, Theurl M, Lorschbach-Köhler A, Tancevski A, Schapfl A, Schaber M, Hilbe R, Nairz M, Puchner B, Hüttenberger D, Tschurtschenthaler C, Aßhoff M, Peer A, Hartig F, Bellmann R, Joannidis M, Gollmann-Tepeköylü C, Holfeld J, Feuchtner G, Egger A, Hoermann G, Schroll A, Fritsche G, Wildner S, Bellmann-Weiler R, Kirchmair R, Helbok R, Prosch H, Rieder D, Trajanoski Z, Kronenberg F, Wöll E, Weiss G, Widmann G, Löffler-Ragg J, Tancevski I (2020) Cardiopulmonary recovery after COVID-19 - an observational prospective multi-center trial. *Eur Respir J*. Dec 10:2003481.
6. Klein SJ, Bellmann R, Dejaco H, Eschertzhuber S, Fries D, Furtwängler W, Gasteiger L, Hasibeder W, Helbok R, Hochhold C, Hofer S, Kirchmair L, Krismer C, Ladner E, Lehner GF, Mathis S, Mayr A, Mittermayr M, Peer A, Preuß Hernández C, Reitter B, Ströhle M, Swoboda M, Thomé C, Joannidis M (2020) Structured ICU resource management in a pandemic is associated with favorable outcome in critically ill COVID-19 patients. *Wien Klin Wochenschr*. 132(21-22):653-663.
7. Lehner GF, Klein SJ, Zoller H, Peer A, Bellmann R, Joannidis M. Correlation of interleukin-6 with Epstein-Barr virus levels in COVID-19. *Crit Care*. 2020 Nov 23;24(1):657.

8. Lee HK, Knabl L, Pipperger L, Volland A, Furth PA, Kang K, Smith HE, Knabl L, Bellmann R, Bernhard C, Kaiser N, Ganzer H, Strohle M, Walser A, von Laer D, Hennighausen L (2020) Immune transcriptomes of highly exposed SARS-CoV-2 asymptomatic seropositive versus seronegative individuals from the Ischgl community. *Res Sq.* 2020 Sep 23:rs.3.rs-69657.
9. STARRT-AKI Investigators; Canadian Critical Care Trials Group; Australian and New Zealand Intensive Care Society Clinical Trials Group; United Kingdom Critical Care Research Group; Canadian Nephrology Trials Network; Irish Critical Care Trials Group, Bagshaw SM, Wald R, Adhikari NKJ, Bellomo R, da Costa BR, Dreyfuss D, Du B, Gallagher MP, Gaudry S, Hoste EA, Lamontagne F, Joannidis M, Landoni G, Liu KD, McAuley DF, McGuinness SP, Neyra JA, Nichol AD, Ostermann M, Palevsky PM, Pettilä V, Quenot JP, Qiu H, Rochweg B, Schneider AG, Smith OM, Thomé F, Thorpe KE, Vaara S, Weir M, Wang AY, Young P, Zarbock A (2020) Timing of Initiation of Renal-Replacement Therapy in Acute Kidney Injury. *N Engl J Med.* 383:240-251
10. Marx J, Welte R, Gasperetti T, Moser P, Beer R, Ortler M, Jeske M, Stern R, Pomaroli A, Joannidis M, Bellmann R (2020) Anidulafungin and Micafungin Concentrations in Cerebrospinal Fluid and in Cerebral Cortex. *Antimicrob Agents Chemother.* 64:e00275-20.
11. Hasslacher J, Rass V, Beer R, Ulmer H, Humpel C, Schiefecker A, Lehner G, Bellmann R, Joannidis M, Helbok R (2020) Serum tau as a predictor for neurological outcome after cardiopulmonary resuscitation. *Resuscitation.* 148:207-214
12. Welte R, Beyer R, Hotter J, Broeker A, Wicha SG, Gasperetti T, Ranke P, Zaruba MM, Lorenz I, Eschertzhuber S, Ströhle M, Bellmann-Weiler R, Joannidis M, Bellmann R (2020) Pharmacokinetics of trimethoprim/sulfamethoxazole in critically ill patients on continuous renal replacement therapy. *J Antimicrob Chemother.* 75:1237-41
13. Welte R, Oberacher H, Schwärzler B, Joannidis M, Bellmann R (2019) Quantification of anidulafungin and micafungin in human body fluids by high performance-liquid chromatography with UV-detection; *J Chromatogr B Biomed Sci Appl,* 1139:121937
14. Hasslacher J, Barbieri F, Harler U, Ulmer H, Forni LG, Bellmann R, Joannidis M (2018) Acute kidney injury and mild therapeutic hypothermia in patients after cardiopulmonary resuscitation - a post hoc analysis of a prospective observational trial; *Crit Care.* 22:154.
15. Welte R, Eller P, Lorenz I, Joannidis M, Bellmann R (2018) Anidulafungin Pharmacokinetics in Ascites Fluid and Pleural Effusion of Critically Ill Patients; *Antimicrob Agents Chemother* 62 e02326-17
16. Lass-Flörl C, Aigner M, Nachbaur D, Eschertzhuber S, Bucher B, Geltner C, Bellmann R, Lackner M, Orth-Höller D, Würzner R, Weiss G, Glodny B (2017) Diagnosing filamentous fungal infections in immunocompromised patients applying computed tomography-guided percutaneous lung biopsies: a 12-year experience; *Infection* 45:867-875.
17. Lehner GF, Harler U, Feistritzer C, Haller VM, Hasslacher J, Bellmann R, Joannidis M (2017) Hemofiltration induces generation of leukocyte-derived CD31+/CD41-microvesicles in sepsis; *Ann Intensive Care* 7:89.

## II. Reviews and Editorials

1. Bellmann R, Joannidis M. (2017) Vergiftungen mit psychotropen Substanzen. Med Klin Intensivmed Notfmed. 112:557-575
2. Bellmann R, Smuszkiewicz P (2017) Pharmacokinetics of antifungal drugs: practical implications for optimized treatment of patients. Infection. 45:737-779. Review.
3. Bellmann R. Personalisierte Pharmakotherapie beim Intensivpatienten (2017) Med Klin Intensivmed Notfmed. 112:289-294

## V. Other publications

1. Bellmann-Weiler R, Bellmann R (2018) Clinical syndromes: Aspergillus; in Elisabeth Presterl, Ed. - Medical The Clinically relevant mycoses – a practical approach, 77-90; Springer International Publishing AG
2. Bellmann R (2018) Orale Therapie bei MRSA-Hautinfektionen; Universum Innere Medizin 04|18: 45-55