

## Publications Christina Scharf-Janßen

Publishing as Christina Scharf, Current List can be found in PubMed:

<https://pubmed.ncbi.nlm.nih.gov/?term=scharf%2C+christina>

Original Publications	Jahr
Lucas Huebner, Angelika Warmbein, <b>Christina Scharf</b> , Ines Schroeder, Kirsi Manz, Ivanka Rathgeber, Marcus Gutmann, Johanna Biebl, Amrei Mehler-Klamt, Jana Huber, Inge Eberl, Eduard Kraft, Uli Fischer, Michael Zoller Effects of robotic-assisted early mobilization versus conventional mobilization in intensive care unit patients: prospective interventional cohort study with retrospective control group analysis <i>Crit Care. 2024 Apr 6;28(1):112. doi: 10.1186/s13054-024-04896-1.</i>	2024
Jonathan de Fallois, Robert Scharm, Tom H. Lindner, <b>Christina Scharf</b> , Sirak Petros, Lorenz Weidhase Therapies in patients with severe rhabdomyolysis: A retrospective analysis <i>BMC Nephrol. 2024 Mar 14;25(1):96. doi: 10.1186/s12882-024-03536-8.</i>	2024
Angelika Warmbein, Lucas Hübner, Ivanka Rathgeber, Amrei Christin Mehler-Klamt, Jana Huber, Ines Schroeder, <b>Christina Scharf</b> , Markus Gutmann, Johanna Biebl, Kirsi Manz, Eduard Kraft, Inge Eberl, Michael Zoller, Uli Fischer Robot-assisted early mobilization for intensive care unit patients: Feasibility and first-time clinical use <i>Int J Nurs Stud. 2024 Apr;152:104702. doi: 10.1016/j.ijnurstu.2024.104702. Epub 2024 Jan 26.</i>	2024
Antonia Greimel, Katharina Habler, Caroline Gräfe, Nils Maciuga, Clara Isabell Brozat, Michael Vogeser, Michael Zoller, Felix L. Happich, Uwe Liebchen, Sandra Frank, Michael Paal, <b>Christina Scharf</b> Extracorporeal adsorption of protective and toxic bile acids and bilirubin in patients with cholestatic liver failure: a prospective study <i>Ann Intensive Care 2023 Nov 9;13(1):110. doi: 10.1186/s13613-023-01198-7.</i>	2023
Caroline Gräfe, Michael Paal, Martin Winkels, Michael Irlbeck, Uwe Liebchen, <b>Christina Scharf</b> Effect of bilirubin elimination with the cytokine adsorber Cytosorb® on mortality in critically ill patients with hyperbilirubinemia <i>Blood Purif. 2023;52(11-12):849-856. doi: 10.1159/000532059. Epub 2023 Oct 11.</i>	2023
Caroline Gräfe, Uwe Liebchen, Antonia Greimel, Nils Maciuga, Mathias Bruegel, Michael Irlbeck, Lorenz Weidhase, Michael Zoller, Michael Paal, <b>Christina Scharf</b> The effect of Cytosorb® application on kidney recovery in critically ill patients with severe rhabdomyolysis: a propensity score matching analysis <i>Ren Fail. 2023;45(2):2259231</i>	2023
Sebastian Greppmair, Alexander Brinkmann, Anika Roehr, Otto Frey, Stefan Hagel, Christoph Dorn, Amélie Marsot, Ibrahim El-Haffaf, Michael Zoller, Thomas Saller, Johannes Zander, Lea Marie Schatz, <b>Christina Scharf</b> , Josef Briegel, Iris K. Minichmayr, Sebastian Wicha, Uwe Liebchen Towards model-informed precision dosing of piperacillin: multicenter systematic external evaluation of pharmacokinetic models in critically ill adults with a focus on Bayesian forecasting <i>Intensive Care Med 2023 Aug; 49(8):996-976</i>	2023
Lea-Marie Schatz, Alexander Brinkmann, Anka Rohr, Otto Frey, Sebastian Greppmair, Ferdinand Weinelt, Michael Zoller, <b>Christina Scharf</b> , Georg Hempel, Uwe Liebchen Systematic evaluation of pharmacokinetic models for model-informed precision dosing of meropenem in critically ill patients undergoing continuous renal replacement therapy <i>Antimicrob Agents Chemother.2023 May 17;67(5):e0010423. doi: 10.1128/aac.00104-23</i>	2023
Zhendong Chen, Max Taubert, Chunli Chen, Charalambos Dokos, Uwe Fuhr, Thomas Weig, Michael Zoller, Suzette Heck, Konstantinos Dimitriadis, Nicole Terpolilli, Christina Kinast, <b>Christina Scharf</b> , Constantin Lier, Christoph Dorn, Uwe Liebchen Plasma and cerebrospinal fluid population pharmacokinetics of vancomycin in patients with external ventricular drain <i>Antimicrob Agents Chemother.2023 May 10; e0024123. doi: 10.1128/aac.00241-23</i>	2023
Schroeder, Ines; <b>Scharf, Christina</b> ; Schneider, Julia; Weggesser, Patricia; Hübner, Lucas; Kneidinger, Nikolaus; Michel, Sebastian; Schneider, Christian; Clevert, Dirk-Andre; Sabel, Bastian; Irlbeck, Michael; Scheiermann, Patrick Lung Ultrasound as a Promising Diagnostic Tool for Primary Graft Dysfunction after Lung Transplantation <i>Ultraschall Med. 2023 Feb 28. doi: 10.1055/a-2011-5944</i>	2023
Angelika Warmbein, Ivanka Rathgeber, Janesca Seif, Amrei C. Mehler-Klamt, Lena Schmidbauer, <b>Christina Scharf</b> , Lucas Hübner, Ines Schroeder, Johanna Biebl, Marcus Gutmann, Inge Eberl, Michael Zoller, Uli Fischer Barriers and facilitators in the implementation of mobilization robots in hospitals from the perspective of clinical experts and developers <i>BMC Nurs. 2023 Feb 17;22(1):45. doi: 10.1186/s12912-023-01202-2.</i>	2023
Uwe Liebchen, Michael Paal, Caroline Gräfe, Michael Zoller, <b>Christina Scharf</b> The cytokine adsorber Cytosorb® does not reduce ammonia concentrations in critically ill patients with liver failure. <i>Intensive Care Med. 2023 Mar;49(3):360-362</i>	2023
Michael Zoller, Michael Paal, Antonia Greimel, Simon Kallee, Michael Vogeser, Michael Irlbeck, Ines Schroeder, Uwe Liebchen, <b>Christina Scharf</b> Serum linezolid concentrations are reduced in critically ill patients with pulmonary infections: A prospective observational study <i>J Crit Care. 2022 Oct;71:154100. doi: 10.1016/j.jcrc.2022.154100.</i>	2022

Simon Kallee, <b>Christina Scharf</b> , Lea Marie Schatz, Michael Paal, Michael Vogeser, Michael Irlbeck, Johannes Zander, Michael Zoller, Uwe Liebchen Systematic Evaluation of Voriconazole Pharmacokinetic Models without Pharmacogenetic Information for Bayesian Forecasting in Critically Ill Patients <i>Pharmaceutics</i> . 2022 Sep 10;14(9):1920. doi: 10.3390/pharmaceutics14091920.	2022
<b>Christina Scharf</b> , Ferdinand Weinelt, Ines Schroeder, Michael Paal, Michael Weigand, Michael Zoller, Michael Irlbeck, Charlotte Kloft, Josef Briegel, Uwe Liebchen Does the cytokine adsorber CytoSorb® reduce vancomycin exposure in critically ill patients with sepsis or septic shock? A prospective observational study <i>Ann Intensive Care</i> . 2022 May 23;12(1):44. doi: 10.1186/s13613-022-01017-5.	2022
Uwe Liebchen, Ferdinand Weinelt, <b>Christina Scharf</b> , Ines Schroeder, Michael Paal, Michael Zoller, Charlotte Kloft, Jette Jung, Robin Michelet Combination of Pharmacokinetic and Pathogen Susceptibility Information To Optimize Meropenem Treatment of Gram-Negative Infections in Critically Ill Patients <i>Antimicrob Agents Chemother</i> . 2022 Feb 15;66(2):e0183121. doi: 10.1128/AAC.01831-21.	2022
Uwe Liebchen, <b>Christina Scharf</b> , Michael Zoller, Ferdinand Weinelt, Charlotte Kloft No clinically relevant removal of meropenem by cytokine adsorber CytoSorb® in critically ill patients with sepsis or septic shock <i>Intensive Care Med</i> . 2021 Nov;47(11):1332-1333. doi: 10.1007/s00134-021-06487-y	2021
Uwe Liebchen, Michael Paal, Veronika Bucher, Michael Vogeser, Michael Irlbeck, Ines Schroeder, Michael Zoller, <b>Christina Scharf</b> ; Trough concentrations of meropenem and piperacillin during slow extended dialysis in critically ill patients with intermittent and continuous infusion: A prospective observational study <i>J Crit Care</i> . 2021 Oct 6;67:26-32. doi: 10.1016/j.jcrc.2021.09.011	2021
Michael Paal, <b>Christina Scharf</b> , Ann Katrin Denninger, Luis Iliá, Charlotte Kloft, Nikolaus Kneidinger, Uwe Liebchen, Sebastian Michel, Christian Schneider, Sebastian Schröpf, Carina Schuster, Michael Vogeser, Ferdinand Weinelt, Johannes Zander, Michael Zoller, Ines Schroeder; Target site pharmacokinetics of meropenem: Measurement in human explanted lung tissue by bronchoalveolar lavage, microdialysis and homogenized lung tissue <i>Antimicrob Agents Chemother</i> . 2021 Sep 27; AAC0156421. doi:10.1128/AAC.01564-21	2021
Uwe Liebchen, Hanna Salletmeier, Simon Kallee, <b>Christina Scharf</b> , Lucas Hübner, Alexandra Weber, Michael Zoller; Optimal loading dose of meropenem before continuous infusion in critically ill patients: a simulation study <i>Sci Rep</i> . 2021 Aug 26;11(1):17211. doi: 10.1038/s41598-021-96744-3.	2021
<b>Christina Scharf</b> , Ines Schroeder, Michael Paal, Martin Winkels, Michael Irlbeck, Michael Zoller, Uwe Liebchen; Can the cytokine adsorber CytoSorb® help to mitigate cytokine storm and reduce mortality in critically ill patients? A propensity score matching analysis. <i>Ann. Intensive Care</i> 2021 Jul 22;11(1):115. doi: 10.1186/s13613-021-00905-6.	2021
Simon Kallee, <b>Christina Scharf</b> , Ines Schroeder, Michael Zoller, Michael Paal, Michael Vogeser, Johannes Zander, Jette Jung, Michael Irlbeck, Sebastian Michel, Christian Schneider, Nikolaus Kneidinger, Uwe Liebchen; Comparing posaconazole and itraconazole for antifungal prophylaxis in critically ill lung transplant recipients: efficacy and plasma concentrations <i>Transplant Inf Dis</i> . 2021 Jun 24;e13675. doi: 10.1111/tid.13675.	2021
<b>Christina Scharf</b> , Michael Zoller, Ulf Schönemark, Michael Paal The Role of Non-Enzymatic Degradation of Meropenem-Insights from the Bottle to the Body <i>Uwe Liebchen, Sophie Rakete, Michael Vogeser, Florian M Arend, Christina Kinast, Antibiotics (Basel)</i> , 2021 Jun 14;10(6):715	2021
<b>Christina Scharf</b> , Uwe Liebchen, Michael Paal, Andrea Becker-Pennrich, Michael Irlbeck, Michael Zoller, Ines Schroeder; Successful elimination of bilirubin in critically ill patients with acute liver dysfunction using a cytokine adsorber and albumin dialysis: a pilot study <i>Sci Rep</i> . 2021 May 13;11(1):10190	2021
Uwe Liebchen, Marian Klose, Michael Paal, Michael Vogeser, Michael Zoller, Ines Schroeder, Lisa Schmitt, Wilhelm Huisinga, Robin Michelet, Johannes Zander, <b>Christina Scharf</b> , Ferdinand A Weinelt, Charlotte Kloft; Evaluation of the MeroRisk Calculator, A User-Friendly Tool to Predict the Risk of Meropenem Target Non-Attainment in Critically Ill Patients <i>Antibiotics (Basel)</i> . 2021 Apr 20;10(4):468. doi: 10.3390/antibiotics10040468	2021
Katharina Habler, Mathias Brügel, Daniel Teupser, Uwe Liebchen, <b>Christina Scharf</b> , Ulf Schönemark, Michael Vogeser, Michael Paal; Simultaneous quantification of seven repurposed COVID-19 drugs remdesivir (plus metabolite GS-441524), chloroquine, hydroxychloroquine, lopinavir, ritonavir, favipiravir and azithromycin by a two-dimensional isotope dilution LC-MS/MS method in human serum <i>J Pharm Biomed Anal</i> . 2021 Mar 20;196:113935.	2021
<b>Christina Scharf</b> , Uwe Liebchen, Michael Paal, Michael Irlbeck, Michael Zoller, Ines Schroeder; Blood purification with the cytokine-adsorber Cytosorb® for the elimination of myoglobin in severe rhabdomyolysis <i>Critical Care; Crit Care</i> . 2021 Jan 28;25(1):41	2021
Ines Schroeder, <b>Christina Scharf</b> , Michael Zoller, Dietmar Wassilowsky, Sandra Frank, Stephanie-Susanne Stecher, Joachim Stemmler, Nikolaus Kneidinger, Sven Peterß, Bernhard Zwißler, Michael Irlbeck; Charakteristika und Outcome von 70 beatmeten COVID-19-Patienten: Bilanz nach der ersten Welle an einem universitären Zentrum <i>Anaesthesist</i> . 2020 Dec 28 : 1–9. doi: 10.1007/s00101-020-00906-3	2020

Uwe Liebchen, Michael Paal, <b>Christina Scharf</b> , Ines Schroeder, Beatrice Grabein, Johannes Zander, Christian Siebers, Michael Zoller; The ONTAI study - a survey on antimicrobial dosing and the practice of therapeutic drug monitoring in German intensive care units <i>J Crit Care</i> 2020 Sep 4;60:260-266	2020
<b>Christina Scharf</b> , Uwe Liebchen, Michael Paal, Max Taubert, Michael Vogeser, Michael Irlbeck, Michael Zoller, Ines Schroeder; The higher the better? Defining the optimal beta-lactam target for critically ill patients to reach infection resolution and improve outcome. <i>J intensive care</i> 2020 Nov 23;8(1):86. doi: 10.1186/s40560-020-00504-w.	2020
Ines Schroeder, Karl Dichtl, Uwe Liebchen, Johannes Wagener, Michael Irlbeck, Michael Zoller, <b>Christina Scharf</b> ; Digestive enzymes of fungal origin as a relevant cause of false positive Aspergillus antigen testing in intensive care unit patients <i>Infection</i> 2020 Sep 3.; doi.org/10.1007/s15010-020-01506-4	2020
<b>Christina Scharf</b> , Michael Paal, Ines Schroeder, Michael Vogeser, Rika Draenert, Michael Irlbeck, Michael Zoller, Uwe Liebchen; Therapeutic Drug Monitoring of Meropenem and Piperacillin in Critical Illness-Experience and Recommendations from One Year in Routine Clinical Practice* <i>Antibiotics (Basel)</i> 2020 Mar 21;9(3):131. doi: 10.3390/antibiotics9030131	2020
Lisa Ehmann, Michael Zoller, Iris K Minichmayr, <b>Christina Scharf</b> , Wilhelm Huisinga, Johannes Zander, Charlotte Kloft; Development of a dosing algorithm for meropenem in critically ill patients based on a population pharmacokinetic/pharmacodynamic analysis <i>Int J Antimicrob Agents</i> 2019 Sep;54(3):309-317.	2019
Carina Schuster, Michael Paal, Johanna Lindner, Michael Zoller, Uwe Liebchen, <b>Christina Scharf</b> , Michael Vogeser; Isotope dilution LC-orbitrap-HRMS with automated sample preparation for the simultaneous quantification of 11 antimycotics in human serum <i>J Pharm Biomed Anal</i> 2019 Mar 20;166:398-405.	2019
Max Taubert, Johannes Zander, Sebastian Frechen, <b>Christina Scharf</b> , Lorenz Frey, Michael Vogeser, Uwe Fuhr, Michael Zoller Optimization of linezolid therapy in the critically ill: the effect of adjusted infusion regimens <i>J Antimicrob Chemother.</i> 2017 Aug 1;72(8):2304-2310. doi: 10.1093/jac/dkx149.	2017
Lisa Ehmann, Michael Zoller, Iris K Minichmayr, <b>Christina Scharf</b> , Barbara Maier, Maximilian V Schmitt, Niklas Hartung, Wilhelm Huisinga, Michael Vogeser, Lorenz Frey, Johannes Zander, Charlotte Kloft Role of renal function in risk assessment of target non-attainment after standard dosing of meropenem in critically ill patients: a prospective observational study <i>Crit Care.</i> 2017 Oct 21;21(1):263. doi: 10.1186/s13054-017-1829-4.	2017
Max Taubert, Michael Zoller, Barbara Maier, Sebastian Frechen, <b>Christina Scharf</b> , Lesca-Miriam Holdt, Lorenz Frey, Michael Vogeser, Uwe Fuhr, Johannes Zander Predictors of Inadequate Linezolid Concentrations after Standard Dosing in Critically Ill Patients <i>Antimicrob Agents Chemother.</i> 2016 Aug 22;60(9):5254-61. doi: 10.1128/AAC.00356-16. Print 2016 Sep.	2016
Johannes Zander, Gundula Döbbeler, Dorothea Nagel, <b>Christina Scharf</b> , Mikayil Huseyn-Zada, Jette Jung, Lorenz Frey, Michael Vogeser, Michael Zoller Variability of piperacillin concentrations in relation to tazobactam concentrations in critically ill patient <i>Int J Antimicrob Agents.</i> 2016 Oct;48(4):435-9.	2016
Johannes Zander, Gundula Döbbeler, Dorothea Nagel, Barbara Maier, <b>Christina Scharf</b> , Mikayil Huseyn-Zada, Jette Jung, Lorenz Frey, Michael Vogeser, Michael Zoller Piperacillin concentration in relation to therapeutic range in critically ill patients--a prospective observational study <i>Crit Care.</i> 2016 Apr 4;20:79. doi: 10.1186/s13054-016-1255-z.	2016

Reviews and other publications	Year
Caroline Gräfe, Lorenz Weidhase, Uwe Liebchen, Markus A. Weigand, <b>Christina Scharf</b> Hämoperfusion in Anästhesie und Intensivmedizin: Chancen, Risiken und Evidenz verschiedener Systeme <i>Anaesthesiologie.</i> 2023 Sep 14 doi: 10.1007/s00101-023-01341-w	2023
Uwe Liebchen, Josef Briegel, <b>Christina Scharf</b> Was gibt's Neues zur selektiven Dekontamination? <i>Anaesthesiologie.</i> 2023 Apr;72(4):273-274. doi: 10.1007/s00101-023-01262-8.	2023
Angelika Warmbein, Ines Schroeder, Amrei Mehler-Klamt, Ivanka Rathgeber, Jana Huber, <b>Christina Scharf</b> , Lucas Hübner, Marcus Gutmann, Johanna Biebl, Andreas Lorenz, Eduard Kraft, Michael Zoller, Inge Eberl, Uli Fischer Robot-assisted early mobilization of intensive care patients: a feasibility study protocol <i>Pilot Feasibility Stud.</i> 2022 Nov 5;8(1):236. doi: 10.1186/s40814-022-01191-0.	2022
Michael Zoller, Uwe Liebchen, <b>Christina Scharf</b> Authors' response: "Serum linezolid concentrations are reduced in critically ill patients with pulmonary infections: A prospective observational study" <i>J Crit Care.</i> 2022 Oct 11;154168. doi: 10.1016/j.jcrc.2022.154168.	2022

<p>Lucas Hübner, Ines Schroeder, Eduard Kraft, Marcus Gutmann, Johanna Biebl, Amrei Christin Klamt, Jana Frey, Angelika Warmbein, Ivanka Rathgeber, Inge Eberl, Uli Fischer, <b>Christina Scharf</b>, Stefan J. Schaller, Michael Zoller Frühmobilisation auf der Intensivstation – Sind robotergestützte Systeme die Zukunft? <i>Anaesthesiologie. 2022 Oct;71(10):795-800. doi: 10.1007/s00101-022-01130-x.</i></p>	2022
<p>Lea Marie Schatz, Michael Zoller, <b>Christina Scharf</b>, Uwe Liebchen Therapeutisches Drug Monitoring und pharmakokinetische Modelle als Strategie zur rationalen Antibiotikatherapie bei IntensivpatientInnen <i>Anaesthesiologie. 2022 Jul;71(7):495-501. doi: 10.1007/s00101-022-01150-7.</i></p>	2022
<p>Uwe Liebchen, <b>Christina Scharf</b>; Authors response: "Trough concentrations of meropenem and piperacillin during slow extended dialysis in critically ill patients with intermittent and continuous infusion: A prospective observational study" <i>J Crit Care. 2022 May 24;70:154060. doi: 10.1016/j.jcrc.2022.154060</i></p>	2022
<p><b>Christina Scharf</b>, Michael Zoller, Uwe Liebchen; What is new ... in the treatment of invasive mycosis: COVID-19-associated pulmonary aspergillosis <i>Anaesthesist. 2021 May;70(5):432-433</i></p>	2021