

List of publications

- D.B. Strickmann, J. Faber, T. Klaassen: Development, validation, and application of an LC-MS/MS method for the quantification of the novel antibiotic drug lefamulin (Xenleta®) and its main metabolite 2R-hydroxy lefamulin in human plasma, *J. Pharm. Biomed. Anal.*, 205 (2021 Oct 25):114293. doi: 10.1016/j.jpba.2021.114293. Epub 2021 Jul 31. PMID: 34464869.
- W.W. Wicha, D.B. Strickmann, S. Paukner: Pharmacokinetics/pharmacodynamics of lefamulin in a neutropenic murine pneumonia model with *Staphylococcus aureus* and *Streptococcus pneumoniae*, *J. Antimicrob. Chemother.*, 74 (3) (2019 Apr) iii11-iii18.
- M. Zeitlinger, R. Schwameis, A. Burian, B. Burian, P. Matzneller, M. Müller, W.W. Wicha, D.B. Strickmann, W. Prince: Simultaneous assessment of the pharmacokinetics of a pleuromutilin, lefamulin, in plasma, soft tissues and pulmonary epithelial lining fluid, *J. Antimicrob. Chemother.*, 71 (4) (2016 Apr) 1022-1026.
- D.B. Strickmann, A. Küng, B.K. Keppler: Application of capillary electrophoresis-mass spectrometry for the investigation of the binding behavior of oxaliplatin to 5'-GMP in the presence of the sulfur containing amino acid L-methionine, *Electrophoresis* 23 (2002 Jan) 74-80.
- A. Küng, D.B. Strickmann, M. Galanski, B.K. Keppler: Comparison of the binding behavior of oxaliplatin, cisplatin and analogues to 5'-GMP in presence of sulfur containing molecules by means of capillary electrophoresis and ESI-MS, *J. Inorg. Biochem.*, 86 (4) (2001 Oct) 691-698.
- D.B. Strickmann, G. Blaschke: Isolation of an unknown metabolite of the non-steroidal anti-inflammatory drug etodolac and its identification as 5-hydroxy etodolac, *J. Pharm. Biomed. Anal.*, 25 (2001 Jul) 977-984.
- D.B. Strickmann, G. Blaschke: Capillary electrochromatography-electrospray ionization mass spectrometry for the qualitative investigation of the drug etodolac and its metabolites in biological samples, *J. Chromatogr. B*, 748 (2000 Oct) 213-219.
- D.B. Strickmann, B. Chankvetadze, G. Blaschke, C. Desiderio, S. Fanali: Separation and identification of etodolac and its urinary phase I metabolites using capillary electrochromatography and on-line capillary electrochromatography / electrospray ionisation mass spectrometry coupling, *J. Chromatogr. A*, 887 (2000 Jul) 393-407.
- B. Chankvetadze, N. Burjanadze, G. Pintore, D. Strickmann, D. Bergenthal, G. Blaschke: Chiral recognition of verapamil by cyclodextrins studied with capillary electrophoresis, NMR, spectroscopy and electrospray ionisation mass spectrometry, *Chirality*, 11 (1999 Feb) 635-644.
- M. Meyring, D. Strickmann, B. Chankvetadze, G. Blaschke, C. Desiderio, S. Fanali: Investigation of the in vitro biotransformation of R-(+)-thalidomide by HPLC, nano-HPLC, CEC and HPLC-APCI-MS, *J. Chromatogr. B*, 723 (1999 Feb) 255-264.
- B. Chankvetadze, G. Pintore, N. Burjanadze, D. Bergenthal, D. Strickmann, R. Cerri, G. Blaschke: Capillary electrophoresis, nuclear magnetic resonance and mass

spectrometry studies of opposite chiral recognition of chlorpheniramine enantiomers with various cyclodextrins, *Electrophoresis*, 19 (1998 Sep) 2101-2108.

- S. Fanali, C. Desiderio, G. Schulte, S. Heitmeier, D. Strickmann, B. Chankvetadze, G. Blaschke: Chiral capillary electrophoresis-electrospray mass spectrometry coupling using vancomycin as chiral selector, *J. Chromatogr. A*, 800 (1998) 69-76.

List of posters

- W.W. Wicha, S. Paukner, D.B. Strickmann, S.M. Bhavnani, and P.G. Ambrose: Pharmacokinetics-pharmacodynamics of lefamulin in a neutropenic murine lung infection model, ICAAC / ICC 2015, San Diego, California, 17-21 September 2015.
- W.W. Wicha, S. Paukner, D.B. Strickmann, K. Thirring, H. Kollmann, W. Heilmayer, and Z. Ivezic-Schoenfeld: Efficacy of Novel Extended Spectrum Pleuromutilins Against *E. coli* *In Vitro* and *In Vivo*, 25th European Congress of Clinical Microbiology and Infectious Diseases, Copenhagen, Denmark, 25-28 April 2015.
- M. Zeitlinger, D.B. Strickmann, W.W. Wicha, R. Schwameis, B. Burian, M. Müller, and W.T. Prince: The Pharmacokinetics of Lefamulin (BC-3781) in the Pulmonary Epithelial Lining Fluid in Healthy Subjects, 54th Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington DC, USA, September 5-9, 2014.
- D.B. Strickmann, W.W. Wicha, H. Kollmann, Z. Ivezic-Schoenfeld: *In vitro* metabolism and *in vivo* pharmacokinetics of novel extended spectrum pleuromutilin antibiotics, 24th European Congress of Clinical Microbiology and Infectious Diseases, Barcelona, Spain, 10–13 May 2014
- S. Paukner, K. Krause, A. Gruss, T. Keepers, M. Gomez, A. Bischinger, D.B. Strickmann, and Z. Ivezic-Schoenfeld: Accumulation of the pleuromutilin antibiotic BC-3781 in murine macrophages and effect of lung surfactant on the BC-3781 *in vitro* activity, 53rd Interscience Conference on Antimicrobial Agents and Chemotherapy, Denver, CO, September 10-13, 2013.
- W.W. Wicha, C. Lell, D.B. Strickmann, W. Heilmayer, Z. Ivezic-Schoenfeld, and W.T. Prince: Safety, tolerability, and pharmacokinetics of orally administered BC-3781, a novel antimicrobial, 53rd Interscience Conference on Antimicrobial Agents and Chemotherapy, Denver, CO, September 10-13, 2013.
- W.T. Prince, W.W. Wicha, D.B. Strickmann, V. Moschetti, F. Obermayr, and R. Novak: Safety, tolerance and pharmacokinetics of single and repeated doses of BC-3781, a novel antimicrobial, 20th ECCMID 2010, Vienna, Austria, 10-13 April 2010.

List of patents

- Klaus Thirring, Werner Heilmayer, Rosemarie Riedl, Hermann Kollmann, Zrinka Ivezić-Schönfeld, Wolfgang Wicha, Susanne Paukner, Dirk Strickmann, inventors; Nabriva Therapeutics AG, assignee. 12-epi-pleuromutiline. United States patent US9701628B2. Published 2017 July 11.
- Rosemarie Mang, Werner Heilmayer, Rudolf Badegruber, Dirk B. Strickmann, Rodger Novak, Mathias Ferencic, Atchyuta Rama Chandra Murty Bulusu, inventors; Nabriva Therapeutics AG, assignee. Pleuromutilin derivatives for the treatment of diseases mediated by microbes. United States patent US20130040954. Published 2013 Feb 14.
- Rosemarie Mang, Werner Heilmayer, Rudolf Badegruber, Dirk B. Strickmann, Rodger Novak, Mathias Ferencic, Atchyuta Rama Chandra Murty Bulusu, inventors; Nabriva Therapeutics AG, assignee. Pleuromutilin derivatives for the treatment of diseases mediated by microbes. United States patent US8153689. Issued 2012 Apr 10.
- Rosemarie Mang, Werner Heilmayer, Rudolf Badegruber, Dirk B. Strickmann, Rodger Novak, Mathias Ferencic, Atchyuta Rama Chandra Murty Bulusu, inventors; Nabriva Therapeutics AG, assignee. Pleuromutilin derivatives for the treatment of diseases mediated by microbes. United States patent US 20120029072. Issued 2012 Feb 2.
- Rosemarie Mang, Werner Heilmayer, Rudolf Badegruber, Dirk B. Strickmann, Rodger Novak, Mathias Ferencic, Atchyuta Rama Chandra Murty Bulusu, inventors; Nabriva Therapeutics AG, assignee. Pleuromutilin derivatives for the treatment of diseases mediated by microbes. United States patent US8071643. Issued 2011 Dec 6.
- Rosemarie Mang, Werner Heilmayer, Rudolf Badegruber, Dirk Strickmann, Rodger Novak, inventors; Nabriva Therapeutics Forschungs GmbH, assignee. Organic compounds. United States patent US20090118366. Issued 2009 May 7.

Vienna, 25th Oct. 2021
