

# Veröffentlichungen in wissenschaftlichen Journalen 2013

## A

**Abraham, K., K. E. Appel, E. Berger-Preiss, E. Apel, S. Gerling, H. Mielke, O. Creutzenberg, A. Lampen.** 2013. Relative oral bioavailability of 3-MCPD from 3-MCPD fatty acid esters in rats. *Arch Toxicol* **87**: 4, 649–659.

**Adolphs, J., F. Kleinjung, J. Numata, H. Mielke, K. Abraham, H. Schafft, C. Müller-Graf, M. Greiner.** 2013. A probabilistic model for the carry-over of PCDD/Fs from feed to growing pigs. *Chemosphere* **93**: 3, 474–479.

**Al Dahouk, S., V. Jubier-Maurin, H. Neubauer, S. Kohler.** 2013. Quantitative analysis of the *Brucella suis* proteome reveals metabolic adaptation to long-term nutrient starvation. *BMC Microbiol* **13**: 199.

**Al Dahouk, S., L. D. Sprague, H. Neubauer.** 2013. New developments in the diagnostic procedures for zoonotic brucellosis in humans. *Rev Sci Tech* **32**: 1, 177–188.

**Andersson, M. G., K. Tomuzia, C. Lofstrom, B. Appel, L. Bano, H. Keremidis, R. Knutsson, M. Leijon, S. E. Lovgren, D. De Medici, A. Menrath, B. J. Van Rotterdam, H. J. Wisselink, G. C. Barker.** 2013. Separated by a common language: awareness of term usage differences between languages and disciplines in biopreparedness. *Biosecur Bioterror* **11**: Suppl 1, 276–285.

**Andres, S., K. E. Appel, A. Lampen.** 2013. Toxicology, occurrence and risk characterisation of the chloropropanols in food: 2-Monochloro-1,3-propanediol, 1,3-dichloro-2-propanol and 2,3-dichloro-1-propanol. *Food Chem Toxicol* **58**: 467–478.

**Andres, S., A. Lampen.** 2013. Risiken und fraglicher Nutzen von Nahrungsergänzungsmitteln mit isolierten Isoflavonen für Frauen in und nach der Menopause. *Bundesgesundheitsblatt* **56**: 2, 277–284.

**Appel, B.** 2013. A multidisciplinary approach to increasing preparedness against bioterrorism. *Biosecur Bioterror* **11**: Suppl 1, 1–2.

**Appel, K. E., K. Abraham, E. Berger-Preiss, T. Hansen, E. Apel, S. Schuchardt, C. Vogt, N. Bakhiya, O. Creutzenberg, A. Lampen.** 2013. Relative oral bioavailability of glycidol from glycidyl fatty acid esters in rats. *Arch Toxicol* **87**: 9, 649–659.

**Van Asselt, E. D., J. Kowalczyk, J. C. Van Eijkeren, M. J. Zeilmaker, S. Ehlers, P. Fürst, M. Lahrssen-Wiederholt, H. J. Van Der Fels-Klerx.** 2013. Transfer of perfluorooctane sulfonic acid (PFOS) from contaminated feed to dairy milk. *Food Chem* **141**: 2, 1489–1495.

## B

**Banerji, S., T. Höfer.** 2013. The risks of ballast water treatment. *The Ballast Water Times* **4**: 5.

**Bätz, F. M., W. Klipper, H. C. Korting, F. Henkler, R. Landsiedel, A. Luch, U. V. Fritschen, G. Weindl, M. Schäfer-Korting.** 2013. Esterase activity in excised and reconstructed human skin – Biotransformation of prednicarbate and the model dye fluorescein diacetate. *Eur J Pharm Biopharm* **84**: 2, 374–385.

**Bechlars, S., D. A. Wustenhagen, K. Dragert, R. Dieckmann, E. Strauch, S. Kubick.** 2013. Cell-free synthesis of functional thermostable direct hemolysins of *Vibrio parahaemolyticus*. *Toxicon* **76**: 132–142.

**Begemann, K., R. Keipert, M. Budelmann, R. Kolbusa, F. Buchert, A. Hahn.** 2013. Implementing the first step of the Article 45 CLP-Regulation. *Clin Toxicol* **51**: 4, 252–378.

**Bernauer, U., A. Schulte, M. Moeder, S. Schrader, T. Reemtsma.** 2013. Asymmetric phthalates – A special case for risk assessment. *Toxicol Lett* **221S**: S220.

**Berto, A., S. Grierson, R. Hakze-Van Der Honing, F. Martelli, R. Johne, J. Reetz, R. G. Ulrich, N. Pavio, W. H. Van Der Poel, M. Banks.** 2013. Hepatitis E virus in pork liver sausage, France. *Emerg Infect Dis* **19**: 2, 264–266.

**Berto, A., W. H. Van Der Poel, R. Hakze-Van Der Honing, F. Martelli, R. M. La Ragione, N. Inglese, J. Collins, S. Grierson, R. Johne, J. Reetz, A. Dastjerdi, M. Banks.** 2013. Replication of hepatitis E virus in three-dimensional cell culture. *J Virol Methods* **187**: 2, 327–332.

**Beutin, L., J. A. Hammerl, J. Reetz, E. Strauch.** 2013. Shiga toxin-producing *Escherichia coli* strains from cattle as a source of the Stx2a bacteriophages present in enteroaggregative *Escherichia coli* O104:H4 strains. *Int J Med Microbiol* **303**: 8, 595–602.

**Beutlich, J., M. R. Rodicio, M. C. Mendoza, P. Garcia, M. Kirchner, I. Luzzi, D. Mevius, J. Threlfall, R. Helmuth, B. Guerra, Med-Vet-Net W P Project Group.** 2013. *Salmonella enterica* serovar Typhimurium virulence-resistance plasmids derived from the pSLT carrying nonconventional class 1 integrons with dfrA12 gene in their variable region and sul3 in the 3' conserved segment. *Microb Drug Resist* **19**: 6, 437–445.

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**Blume, A., R. Krätke, A. Luch, T. Platzek.** 2013. Tätowiermittel. *Dtsch Lebensm-Rundsch* **8**: 433–436.

**Blume, A., T. Platzek, A. Luch.** 2013. Regulierung von Tätowiermitteln in Deutschland und auf europäischer Ebene. *StoffR – Stoffrecht für Praktiker* **4**: 143–146.

**Bodi, D., C. Ringling, C. Schödel, A. Preiss-Weigert, H. Fry.** 2013. Investigation of matrix effects on the determination of oalquinox and carbadox in feed by LC-MS/MS. *Chromatographia* **76**: 11, 651–662.

**Böhm, A., A. Flößer, S. Ermler, A. C. Fender, A. Lüth, B. Kleuser, K. Schrör, B. H. Rauch.** 2013. Factor-Xa-induced mitogenesis and migration require sphingosine kinase activity and S1P formation in human vascular smooth muscle cells. *Cardiovasc Res* **99**: 3, 505–513.

**Bratz, K., R. Bucker, G. Golz, S. S. Zakrzewski, P. Janczyk, K. Nöckler, T. Alter.** 2013. Experimental infection of weaned piglets with *Campylobacter coli* – excretion and translocation in a pig colonisation trial. *Vet Microbiol* **162**: 1, 136–143.

**Bratz, K., G. Golz, C. Riedel, P. Janczyk, K. Nöckler, T. Alter.** 2013. Inhibitory effect of high-dosage zinc oxide dietary supplementation on *Campylobacter coli* excretion in weaned piglets. *J Appl Microbiol* **115**: 5, 1194–1202.

**Brinkmann, J., K. Stolpmann, S. Trappe, T. Otter, D. Genkinger, U. Bock, M. Liebsch, F. Henkler, C. Hutzler, A. Luch.** 2013. Metabolically Competent Human Skin Models: Activation and Genotoxicity of Benzo[a]pyrene. *Toxicol Sci* **131**: 2, 351–359.

**Brogia, A., T. Weitzel, G. Harms, S. M. Caccio, K. Nöckler.** 2013. Molecular typing of *Giardia duodenalis* isolates from German travellers. *Parasitol Res* **112**: 10, 3449–3456.

**Buhrke, T., A. Kibellus, A. Lampen.** 2013. *In vitro* toxicological characterization of perfluorinated carboxylic acids with different carbon chain lengths. *Toxicol Lett* **218**: 2, 97–104.

**Buhrke, T., E. Scharmach, A. Lampen.** 2013. Perfluorierte Tenside. Einzigartige Eigenschaften, jedoch bedenklich für Mensch und Umwelt. *FoRep* **1**: 47, 36–39.

**Burow, E., T. Rousing, P. T. Thomsen, N. D. Otten, J. T. Sorensen.** 2013. Effect of grazing on the cow welfare of dairy herds evaluated by a multidimensional welfare index. *Animal* **7**: 5, 834–842.

**Burow, E., P. T. Thomsen, T. Rousing, J. T. Sorensen.** 2013. Daily grazing time as a risk factor for alterations at the hock joint integument in dairy cows. *Animal* **7**: 1, 160–166.

**Buschulte, A., J. Bräunig, B. Appel.** 2013. Schutz vor einer absichtlichen mikrobiellen Kontamination. *Food & Hygiene Praxis* **1**: 5–8.

**Buta, C., R. David, R. Dressel, M. Emgard, C. Fuchs, U. Gross, L. Healy, J. Hescheler, R. Kolar, U. Martin, H. Mikkers, F. J. Müller, R. K. Schneider, A. E. M. Seiler, H. Spielmann, G. Weitzer.** 2013. Reconsidering pluripotency tests: Do we still need teratoma assays? *Stem Cell Research* **11**: 1, 552–562.

## C

**Chmurzynska, E., M. Rozycki, E. Biliska-Zajac, K. Nöckler, A. Mayer-Scholl, E. Pozio, T. Cenczek, J. Karamon.** 2013. *Trichinella nativa* in red foxes (*Vulpes vulpes*) of Germany and Poland: possible different origins. *Vet Parasitol* **198**: 1–2, 254–257.

**Coecke, S., O. Pelkonen, S. B. Leite, U. Bernauer, J. G. Bessems, F. Y. Bois, U. Gundert-Remy, G. Loizou, E. Testai, J. M. Zaldivar.** 2013. Toxicokinetics as a key to the integrated toxicity risk assessment based primarily on non-animal approaches. *Toxicol In Vitro* **27**: 5, 1570–1577.

**Crews, C., A. Chiodini, M. Granvogl, C. Hamlet, K. Hrcirik, J. Kuhlmann, A. Lampen, G. Scholz, R. Weisshaar, T. Wenzl, P. R. Jasti, W. Seefelder.** 2013. Analytical approaches for MCPD esters and glycidyl esters in food and biological samples: a review and future perspectives. *Food Addit Contam Part A* **30**: 1, 11–45.

## D

**Delannoy, S., L. Beutin, P. Fach.** 2013. Discrimination of enterohemorrhagic *Escherichia coli* (EHEC) from non-EHEC strains based on detection of various combinations of type III effector genes. *J Clin Microbiol* **51**: 10, 3257–3262.

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**Dellatte, E., G. Brambilla, S. P. De Filippis, A. Di Domenico, J. Pulkrabova, C. Eschauzier, S. Klenow, G. Heinemeyer, P. De Voogt.** 2013. Occurrence of selected perfluorinated alkyl acids in lunch meals served at school canteens in Italy and their relevance for children's intake. *Food Addit Contam Part A* **30**: 9, 1590–1597.

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**Dremsek, P., S. Joel, C. Baechlein, N. Pavio, A. Schielke, M. Ziller, R. Durrwald, C. Renner, M. H. Groschup, R. Johne, A. Krumbholz, R. G. Ulrich.** 2013. Hepatitis E virus seroprevalence of domestic pigs in Germany determined by a novel in-house and two reference ELISAs. *J Virol Methods* **190**: 1–2, 11–16.

**Dusemund, B., K. E. Appel, A. Lampen.** 2013. Übt Aspartam (E 951) eine schädigende Wirkung auf das Gehirn aus – besonders auf das kindliche Gehirn? *Internistische Praxis* **53**: 2, 461–463.

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**Ehlers, A., D. Lenze, H. Broll, J. Zagon, M. Hummel, A. Lampen.** 2013. Dose dependent molecular effects of acrylamide and glycidamide in human cancer cell lines and human primary hepatocytes. *Toxicol Lett* **217**: 2, 111–120.

**Eller, C., S. Simon, T. Miller, J. S. Frick, R. Prager, W. Rabsch, B. Guerra, G. Werner, Y. Pfeifer.** 2013. Presence of beta-lactamases in extended-spectrum-cephalosporin-resistant *Salmonella enterica* of 30 different serovars in Germany 2005–11. *J Antimicrob Chemother* **68**: 9, 1978–1981.

**Ellerbroek, L.** 2013. Die Bekämpfung der inapparenten Zoonosen verlangt ein gezieltes Vorgehen. *Fleischwirtschaft* **4**: 166–169.

**Ellerbroek, L.** 2013. Implementation of indicators for biological hazards by meat inspection of poultry. *Poultry Sciences* **69**: 1–2.

**Ellerbroek, L.** 2013. Tierärztliche Aufgaben im Wandel: Inapparente Zoonosen verlangen ein gezieltes Vorgehen bei der Schlacht tier- und Fleischuntersuchung. *DVG-Forum* **2**: 35–38.

**Erol, I., M. Goncuoglu, N. D. Ayaz, L. Ellerbroek, F. S. Ormanci, O. I. Kangal.** 2013. Serotype distribution of *Salmonella* isolates from turkey ground meat and meat parts. *Biomed Res Int* **2013**: 1–5.

## F

**Falenski, A., M. Filter, C. Thöns, A. A. Weiser, J. F. Wigger, M. Davis, J. V. Douglas, S. Edlund, K. Hu, J. H. Kaufman, B. Appel, A. Käsbohrer.** 2013. A Generic Open-Source Software Framework Supporting Scenario Simulations in Bioterrorist Crises. *Biosecur Bioterror* **11**: Suppl 1, 134–145.

**Farsang, A., H. Frentzel, G. Kulcsar, T. Soos.** 2013. Control of the Deliberate Spread of Foot-and-Mouth Disease Virus. *Biosecur Bioterror* **11**: Suppl 1, S115–22.

**Fischer, J., I. Rodriguez, S. Schmoger, A. Friese, U. Roesler, R. Helmuth, B. Guerra.** 2013. *Salmonella enterica* subsp. enterica producing VIM-1 carbapenemase isolated from livestock farms. *J Antimicrob Chemother* **68**: 2, 478–480.

**Fischer, J., S. Schmoger, S. Jahn, R. Helmuth, B. Guerra.** 2013. NDM-1 carbapenemase-producing *Salmonella enterica* subsp. enterica serovar Corvallis isolated from a wild bird in Germany. *J Antimicrob Chemother* **68**: 12, 2954–2956.

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**Frentzel, H., A. Menrath, K. Tomuzia, J. Braeunig, B. Appel.** 2013. Decontamination of high-risk animal and zoonotic pathogens. *Biosecur Bioterror* **11**: Suppl 1, 102–114.

**Fries, R., G. Rindermann, C. Siegling-Vlitakis, N. Bandick, L. Brautigam, A. Buschulte, H. Irsigler, K. Wolf, H. Hartmann.** 2013. Blood parameters and corneal-reflex of finishing pigs with and without lung affections observed post mortem in two abattoirs stunning with CO<sub>2</sub>. *Res Vet Sci* **94**: 1, 186–190.

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**Gallati, C., R. Stephan, H. Hachler, B. Malorny, A. Schroeter, M. Nuesch-Inderbinen.** 2013. Characterization of *Salmonella enterica* subsp. enterica serovar 4,5,[12]:i:- clones isolated from human and other sources in Switzerland between 2007 and 2011. *Foodborne Pathog Dis* **10**: 6, 549–554.

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**Gundert-Remy, U., H. Mielke, U. Bernauer.** 2013. Commentary: dermal penetration of bisphenol A – consequences for risk assessment. *Toxicol Lett* **217**: 2, 159–161.

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## H

**Haagsma, J. A., P. L. Geenen, S. Ethelberg, A. Fetsch, F. Hansdotter, A. Jansen, H. Korsgaard, S. J. O'Brien, G. Scavia, H. Spitznagel, P. Stefanoff, C. C. Tam, A. H. Havelaar.** 2013. Community incidence of pathogen-specific gastroenteritis: reconstructing the surveillance pyramid for seven pathogens in seven European Union member states. *Epidemiol Infect* **141**: 8, 1625–1639.

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**Hahn, A., G. Kröger, N. Adelberger.** 2013. Achieving access to apartments of migrants in Berlin to access risks for their children concerning chemical consumer products. *Clin Toxicol* **51**: 4, 328.

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**Hartung, M., A. Käsbohrer.** 2013. Ergebnisse der Zoonosen-erhebung 2012 bei Lebensmitteln in Deutschland. *Fleisch-wirtschaft* **93**: 12, 96–103.

**Hayess, K., C. Riebeling, R. Pirow, M. Steinfath, D. Sittner, B. Slawik, A. Luch, A. E. Seiler.** 2013. The DNT-EST: A predictive embryonic stem cell-based assay for developmental neurotoxicity testing *in vitro*. *Toxicology* **314**: 1, 135–147.

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## J

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