

# Veröffentlichungen in wissenschaftlichen Journalen 2014

## A

**Alexandrov, A., R. Bergmann, S. Ewen, J.-C. Freytag, F. Hueske, A. Heise, O. Kao, M. Leich, U. Leser, V. Markl, F. Naumann, M. Peters, A. Rheinländer, M. Sax, S. Schelter, M. Höger, K. Tzoumas, D. Warneke.** 2014. The Stratosphere platform for big data analytics. *VLDB J* **23**: 6, 939–964.

**Alt, K.** 2014. *Chlamydia trachomatis* Untersuchungen bei Männern – Ergebnisse des Laborsentinelns für 2008–2013. *Epidemiol Bull* **38**: 373–380.

**Alt, K.** 2014. Erfahrungen mit dem Management von *Influenza*-Ausbrüchen in Alten- und Pflegeheimen. *Epidemiol Bull* **28**: 241–246.

## B

**Barthelemy, E., D. Spyropoulos, M.-R. Milana, K. Pfaff, N. Gontard, E. Lampi, L. Castle.** 2014. Safety evaluation of mechanical recycling processes used to produce polyethylene terephthalate (PET) intended for food contact applications. *Food Addit Contam Part A* **31**: 3, 490–497.

**Baumann, S., M. Rockstroh, J. Barthel, J. Krumsiek, W. Otto, H. Jungnickel, S. Potratz, A. Luch, E. Willscher, F. Theis, M. Von Bergen, J. M. Tomm.** 2014. Subtoxic concentrations of benzo[a]pyrene induce metabolic changes and oxidative stress in non-activated and affect the mTOR pathway in activated Jurkat T cells. *J Integr OMICS* **4**: 1, 11–20.

**Bayer, C., H. Bernard, R. Prager, W. Rabsch, P. Hiller, B. Malorny, B. Pfefferkorn, C. Frank, A. De Jong, I. Friesema, K. Stark, B. Rosner.** 2014. An outbreak of *Salmonella* Newport associated with mung bean sprouts in Germany and the Netherlands, October to November 2011. *Eurosurveillance* **19**: 1, 1–9.

**Beutin, L., J. A. Hammerl, J. Reetz, E. Strauch.** 2014. Shiga toxin 2A-encoding bacteriophages in enteroaggregative *Escherichia coli* O104:H4 strains. *Emerg Infect Dis* **20**: 9, 1567–1568.

**Bodi, D., S. Ronczka, C. Gottschalk, N. Behr, A. Skibba, M. Wagner, M. Lahrssen-Wiederholt, A. Preiss-Weigert, A. These.** 2014. Determination of pyrrolizidine alkaloids in tea, herbal drugs and honey. *Food Addit Contam Part A* **31**: 11, 1886–1895.

**Bohmert, L., M. Girod, U. Hansen, R. Maul, P. Knappe, B. Niemann, S. M. Weidner, A. F. Thunemann, A. Lampen.** 2014. Analytically monitored digestion of silver nanoparticles and their toxicity on human intestinal cells. *Nanotoxicology* **8**: 6, 631–642.

**Böl, G.-F.** 2014. Gefühlte und tatsächliche Risiken. *Zbl Arbeitsmed* **64**: 5, 315–319.

**Braeuning, A.** 2014. Liver cell proliferation and tumor promotion by phenobarbital: relevance for humans? *Arch Toxicol* **88**: 10, 1771–1772.

**Brüning, T., R. Bartsch, H. M. Bolt, H. Desel, H. Drexler, U. Gundert-Remy, A. Hartwig, R. Jäckh, E. Leibold, D. Pallapies, A. W. Rettenmeier, G. Schlüter, G. Stropp, K. Sucker, G. Triebig, G. Westphal, C. Van Thriel.** 2014. Sensory irritation as a basis for setting occupational exposure limits. *Arch Toxicol* **88**: 10, 1855–1879.

**Bücker, R., E. Schulz, D. Günzel, C. Bojarski, I. F. M. Lee, L. J. John, S. Wiegand, T. Janßen, L. H. Wieler, U. Dobrindt, L. Beutin, C. Ewers, M. Fromm, B. Siegmund, H. Troeger, J. D. Schulzke.** 2014.  $\alpha$ -Haemolysin of *Escherichia coli* in IBD: A potentiator of inflammatory activity in the colon. *Gut* **63**: 12, 1893–1901.

**Buntenkoetter, V., T. Blaha, R. Tegeler, A. Fetsch, M. Hartmann, L. Kreienbrock, D. Meemken.** 2014. Comparison of the phenotypic antimicrobial resistances and spa-types of methicillin-resistant *Staphylococcus aureus* (MRSA) isolates derived from pigs in conventional and in organic husbandry systems. *Berl Münch Tierärztl Wochenschr* **127**: 3–4, 135–143.

**Burow, E., C. Simoneit, B.-A. Tenhagen, A. Käsbohrer.** 2014. Oral antimicrobials increase antimicrobial resistance in porcine *E. coli* – A systematic review. *Prev Vet Med* **113**: 4, 364–375.

**Burow, E., P. T. Thomsen, T. Rousing, J. T. Sørensen.** 2014. Track way distance and cover as risk factors for lameness in Danish dairy cows. *Prev Vet Med* **113**: 4, 625–628.

**Buschulte, A., S. Reschke, A. Käsbohrer, B. Appel.** 2014. Schwachstellenanalyse zum Produktschutz. *Fleischwirtschaft* **94**: 2, 91–95.

**Byrne, L., I. Fisher, T. Peters, A. Mather, N. Thomson, B. Rosner, H. Bernard, P. Mckeown, M. Cormican, J. Cowden, V. Aiyedun, C. Lane, J. Aish, G. Adak, D. Brown, L. Browning, P. Cook, C. Ellis, A. Fox, E. De Pinna, P. Garvey, K. Grant, D. Guina-Dornan, P. Hiller, C. Houston, N. Launders, B. Malorny, B. O'brien, B. Pfefferkorn, R. Prager, W. Rabsch, R. Salmon, R. Smith, B. Smyth, K. Stone, H. Wichmann-Schauer.** 2014. A multi-country outbreak of *Salmonella* Newport gastroenteritis in Europe associated with watermelon from Brazil, confirmed by whole genome sequencing: October 2011 to January 2012. *Eurosurveillance* **19**: 31, 1–8.

## C

**Chai, W., Z. Wang, P. Janczyk, S. Twardziok, U. Blohm, N. Osterrieder, M. Burwinkel.** 2014. Elevated dietary zinc oxide levels do not have a substantial effect on porcine reproductive and respiratory syndrome virus (PPRSV) vaccination and infection. *Virology* **11**: Art 140.

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**Chattaway, M. A., C. Jenkins, H. Ciesielczuk, M. Day, V. Donascimento, M. Day, I. Rodriguez, A. Van Essen-Zandbergen, A.K. Schink, G. H. Wu, J. Threlfall, M. J. Woodward, N. Coldham, K. Kadlec, S. Schwarz, C. Dierikx, B. Guerra, R. Helmuth, D. Mevius, N. Woodford, J. Wain.** 2014. Evidence of evolving extraintestinal enteroaggregative *Escherichia coli* ST38 clone. *Emerg Infect Dis* **20**: 11, 1935–1937.

**Chen, R., Y. Zhang, F. Darabi Sahneh, C. M. Scoglio, W. Wohlleben, A. Haase, N. A. Monteiro-Riviere, J. E. Riviere.** 2014. Nanoparticle surface characterization and clustering through concentration-dependent surface adsorption modeling. *ACS Nano* **8**: 9, 9446–9456.

## D

**Diouf, F., K. Berg, S. Ptok, O. Lindtner, G. Heinemeyer, H. Hesecker.** 2014. German database on the occurrence of food additives: application for intake estimation of five food colours for toddlers and children. *Food Addit Contam Part A* **31**: 2, 197–206.

## E

**Ekfen, J., I. Christoph-Schulz, D. Weible, A. Käsbohrer, B.-A. Tenhagen, B. Appel, H. Bäurle, C. Tamásy, K. Spemann.** 2014. Der Markt für Fleisch und Fleischprodukte. *GJAE* **63**: Suppl. 1, 58–72.

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**Ehnert, T.** 2014. From procrastination to procedural perfectionism – a short story of the long amflora authorisation process. *EJRR* **2**: 253–258.

**Eller, C., R. Leistner, B. Guerra, J. Fischer, C. Wendt, W. Rabsch, G. Werner, Y. Pfeifer.** 2014. Emergence of extended-spectrum beta-lactamase (ESBL) CTX-M-8 in Germany. *J Antimicrob Chemother* **69**: 2, 562–564.

**Ellerbroek, L.** 2014. Zukunft der an der Lebensmittelketteninformation orientierten Schlachttier- und Fleischuntersuchung. *Rundsch Fleischhyg Lebensm* **66**: 8, 284–285.

**Ellerbroek, L., K.-H. Beck, M. Jasper, M. Kellersmann, U. Löhren, E. Pacholewicz, S. Pauling-Prinz, K. Stingl.** 2014. Möglichkeiten und Fortschritte in der Geflügelfleischhygiene. *Fleischwirtschaft* **94**: 2, 86–90.

**Esslinger, S., J. Riedl, C. Fauhl-Hassek.** 2014. Potential and limitations of non-targeted fingerprinting for authentication of food in official control. *Food Res Int* **60**: 189–204.

**Ewers, C., A. Bethe, I. Stamm, M. Grobbel, P. A. Kopp, B. Guerra, M. Stubbe, Y. Doi, Z. Zong, A. Kola, K. Schaufler, T. Semmler, A. Fruth, L. H. Wieler, S. Guenther.** 2014. CTX-M-15-D-ST648 *Escherichia coli* from companion animals and horses: another pandemic clone combining multiresistance and extraintestinal virulence? *J Antimicrob Chemother* **69**: 5, 1224–1230.

## F

**Feng, P. C. H., S. Delannoy, D. W. Lacher, L. F. Dos Santos, L. Beutin, P. Fach, M. Rivas, E. L. Hartland, A. W. Paton, B. E. C. Guth.** 2014. Genetic diversity and virulence potential of shiga toxin-producing *Escherichia coli* O113:H21 strains isolated from clinical, environmental, and food sources. *Appl Environ Microbiol* **80**: 15, 4757–4763.

**Fetsch, A., M. Contzen, K. Hartelt, A. Kleiser, S. Maassen, J. Rau, B. Kraushaar, F. Layer, B. Strommenger.** 2014. *Staphylococcus aureus* food-poisoning outbreak associated with the consumption of ice-cream. *Int J Food Microbiol* **187**: 1–6.

**Fischer, J., I. Rodriguez, B. Baumann, E. Guiral, L. Beutin, A. Schroeter, A. Käsbohrer, Y. Pfeifer, R. Helmuth, B. Guerra.** 2014. blaCTX-M-15 carrying *Escherichia coli* and *Salmonella* isolates from livestock and food in Germany. *J Antimicrob Chemother* **11**: 69, 2951–2958.

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**Fraczek, M., E. Wiland, M. Piasecka, M. Boksa, D. Gaczarzewicz, A. Szumala-Kakol, T. Kolanowski, L. Beutin, M. Kurpisz.** 2014. Fertilizing potential of ejaculated human spermatozoa during *in vitro* semen bacterial infection. *Fertil Steril* **102**: 3, 711–719.

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**Fromm, S., E. Beißwanger, A. Käsbohrer, B.-A. Tenhagen.** 2014. Risk factors for MRSA in fattening pig herds – A meta-analysis using pooled data. *Prev Vet Med* **117**: 1, 180–188.

## G

**Garcia, P., K. L. Hopkins, V. Garcia, J. Beutlich, M. C. Mendoza, J. Threlfall, D. Mevius, R. Helmuth, M. R. Rodicio, B. Guerra, W. P. P. G. Med-Vet-Net.** 2014. Diversity of plasmids encoding virulence and resistance functions in *Salmonella enterica* subsp. *enterica* serovar *Typhimurium* monophasic variant 4,[5],12:i:- strains circulating in Europe. *PLoS One* **9**: 2, Art e89635.

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## H

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## I

Imhasly, S., H. Naegeli, S. Baumann, M. Von Bergen, A. Luch, H. Jungnickel, S. Potratz, C. Gerspach. 2014. Metabolomic biomarkers correlating with hepatic lipidosis in dairy cows. *BMC Vet Res* **10**: 122.

## J

Javed, M. A., H. W. Ackermann, J. Azeredo, C. M. Carvalho, I. Connerton, S. Evoy, J. A. Hammerl, S. Hertwig, R. Lavigne, A. Singh, C. M. Szymanski, A. Timms, A. M. Kropinski. 2014. A suggested classification for two groups of *Campylobacter myoviruses*. *Arch Virol* **159**: 1, 181–190.

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## K

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