

# Publications in scientific journals 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. Schelker, 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. Gefühle 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.

**Chai, W. D., S. S. Zakrzewski, D. Gunzel, R. Pieper, Z. Y. Wang, S. Twardziok, P. Janczyk, N. Osterrieder, M. Burwinkel.** 2014. High-dose dietary zinc oxide mitigates infection with transmissible gastroenteritis virus in piglets. *BMC Vet Res* **10**: 75.

**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.

**Ehlers, A., A. These, S. Hessel, A. Preiss-Weigert, A. Lampen.** 2014. Active elimination of the marine biotoxin okadaic acid by P-glycoprotein through an *in vitro* gastrointestinal barrier. *Toxicol Lett* **225**: 2, 311–317.

**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 Schlachtier- 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.

**Fischer-Tenhagen, C., D. Johnen., C. Le Danvic, J. Gatien, P. Salvetti, B.-A. Tenhagen, W. Heuwieser.** 2014. Validation of bovine oestrous-specific synthetic molecules with trained scent dogs – similarities between natural and synthetic oestrous smell. *Reprod Dom Anim* **50**: 1, 7–12.

**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.

**Franz, E., P. Delaquis, S. Morabito, L. Beutin, K. Gobius, D. A. Rasko, J. Bono, N. French, J. Osek, B.-A. Lindstedt, M. Muniesa, S. Manning, J. Lejeune, T. Callaway, S. Beatson, M. Eppinger, T. Dallman, K.-J. Forbes, H. Aarts, D. L. Pearl, V. P. J. Gannon, C. R. Laing, N. J. C. Strachan.** 2014. Exploiting the explosion of information associated with whole genome sequencing to tackle Shiga toxin-producing *Escherichia coli* (STEC) in global food production systems. *Int J Food Microbiol* **187**: 57–72.

**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.

**Godfroid, J., X. De Bolle, R. M. Roop, D. O'callaghan, R. M. Tsois, C. Baldwin, R. L. Santos, J. McgIVEN, S. Olsen, I. H. Nymo, A. Larsen, S. Al Dahouk, J. J. Letesson.** 2014. The quest for a true One Health perspective of brucellosis. *Rev Sci Tech* **33**: 2, 521–538.

Grinberg, M., R. M. Stober, K. Edlund, E. Rempel, P. Godoy, R. Reif, A. Widera, K. Madjar, W. Schmidt-Heck, R. Marchan, A. Sachinidis, D. Spitkovsky, J. Hescheler, H. Carmo, M. D. Arbo, B. Van De Water, S. Wink, M. Vinken, V. Rogiers, S. Escher, B. Hardy, D. Mitic, G. Myatt, T. Waldmann, A. Mardinoglu, G. Damm, D. Seehofer, A. Nussler, T.S. Weiss, A. Oberemm, A. Lampen, M. M. Schaap, M. Luijten, H. Van Steeg, W. E. Thasler, J. C. Kleinjans, R.H. Stierum, M. Leist, J. Rahnenfuhrer, J. G. Hengstler. 2014. Toxicogenomics directory of chemically exposed human hepatocytes. *Arch Toxicol* **88**: 12, 2261–2287.

Grune, B., A. Hensel, G. Schönfelder. 2014. Animal welfare: Rules for assessing pain in lab animals. *Nature* **512**: 7512, 28.

Guerra, B., J. Fischer, R. Helmuth. 2014. An emerging public health problem: Acquired carbapenemase-producing microorganisms are present in food-producing animals, their environment, companion animals and wild birds. *Vet Microbiol* **171**: 3–4, 290–297.

Gundert-Remy, U., U. Bernauer, B. Blömeke, B. Döring, E. Fabian, C. Goebel, S. Hessel, C. Jäckh, A. Lampen, F. Oesch, E. Pezinger, W. Völkel, P. H. Roos. 2014. Extra-hepatic metabolism at the body's internal-external interfaces. *Drug Metab Rev* **46**: 3, 291–324.

## H

Hahn, A., K. Begemann, A. Sturer. 2014. Vergiftungen in Deutschland: Krankheitsbegriff, Dokumentation und Einblicke in das Geschehen. *Bundesgesundheitsbl* **57**: 6, 638–649.

Hammerl, J. A., S. Al Dahouk, K. Nöckler, C. Gollner, B. Appel, S. Hertwig. 2014. F1 and tbilisi are closely related brucellaphages exhibiting some distinct nucleotide variations which determine the host specificity. *Genome Announc* **2**: 1, 1–2.

Hammerl, J. A., C. Jackel, T. Alter, P. Janzcyk, K. Stingl, M. T. Knuver, S. Hertwig. 2014. Reduction of *Campylobacter jejuni* in broiler chicken by successive application of group II and group III phages. *PLoS One* **9**: 12, Art e114785.

Hammerl, J. A., K. Klevanskaa, E. Strauch, S. Hertwig. 2014. Complete nucleotide sequence of pVv01, a P1-like plasmid prophage of *Vibrio vulnificus*. *Genome Announc* **2**: 4, 1–2.

Hartung, M., A. Käsbohrer. 2014. Ergebnisse der Zoonosenerhebung 2013 bei Lebensmitteln in Deutschland. *Fleischwirtschaft* **94**: 11, 105–114.

Helmy, Y. A., C. Klotz, H. Wilking, J. Krucken, K. Nöckler, G. Von Samson-Himmelstjerna, K. H. Zessin, T. Aebischer. 2014. Epidemiology of *Giardia duodenalis* infection in ruminant livestock and children in the Ismailia province of Egypt: insights by genetic characterization. *Parasit Vectors* **7**: Art 321.

Helmy, Y. A., J. Krucken, K. Nöckler, G. Von Samson-Himmelstjerna, K. H. Zessin. 2014. Comparison between two commercially available serological tests and polymerase chain reaction in the diagnosis of *Cryptosporidium* in animals and diarrhoeic children. *Parasitol Res* **113**: 1, 211–216.

Henkler, F., A. Luch. 2014. E-cigarettes in Europe: Does regulation swing from overcautious to careless? *Arch Toxicol* **88**: 7, 1291–1294.

Henning, K. J., G.-F. Bül, S. Kaus, L. Herges, S. Stehfest. 2014. Legal structures of food safety in Europe. *EJNFS* **4**: 4, 375–379.

Herrmann, K., W. Engst, W. Meinl, S. Florian, A. T. Cartus, D. Schrenk, K. E. Appel, T. Nolden, H. Himmelbauer, H. Glatt. 2014. Formation of hepatic DNA adducts by methyleugenol in mouse models: Drastic decrease by Sult1a1 knockout and strong increase by transgenic human SULT1A1/2. *Carcinogenesis* **35**: 4, 935–941.

Herzog, K., J. Engeler Dusel, M. Hugentobler, L. Beutin, G. Sagesser, R. Stephan, H. Hachler, M. Nuesch-Inderbinen. 2014. Diarrheagenic enteroaggregative *Escherichia coli* causing urinary tract infection and bacteremia leading to sepsis. *Infection* **42**: 2, 441–444.

Hessel, S., C. Gottschalk, D. Schumann, A. These, A. Preiss-Weigert, A. Lampen. 2014. Structure-activity relationship in the passage of different pyrrolizidine alkaloids through the gastrointestinal barrier: ABCB1 excretes heliotrine and echimidine. *Mol Nutr Food Res* **58**: 5, 995–1004.

Hille, K., J. Fischer, L. Falgenhauer, H. Sharp, M. Brenner, K. Kadlec, A. Friese, S. Schwarz, C. Imirzalioglu, M. Kietzmann, C. Von Münchhausen, L. Kreienbrock. 2014. Zum Vorkommen von Extended-Spektrum-Beta-Laktamase und AmpC-produzierenden *Escherichia coli* in Nutztierbeständen: Ergebnisse ausgewählter europäischer Studien. *Berl Münch Tierärztl Wochenschr* **127**: 403–411.

Hiller, P., H. Wichmann-Schauer. 2014. Im Jahr 2012 an Krankheitsausbrüchen beteiligte Lebensmittel: Informationen aus dem bundesweiten Erfassungssystem für Lebensmittel (BELA). *Rundsch Fleischhyg Lebensm* **66**: 1, 20–22.

Hiller, P., H. Wichmann-Schauer. 2014. Im Jahr 2013 an Krankheitsausbrüchen beteiligte Lebensmittel. *Rundsch Fleischhyg Lebensm* **66**: 12, 448–450.

Holzweber, M., A. G. Shard, H. Jungnickel, A. Luch, W. E. S. Unger. 2014. Dual beam organic depth profiling using large argon cluster ion beams. *Surf Interface Anal* **46**: 10–11, 936–939.

Honscha, W., L. Van Rennings, C. Von Münchhausen, L. Kreienbrock, A. Käsbohrer, H. Ottilie. 2014. Systeme zur Erfassung von Antibiotikaabgabe und -einsatz in Deutschland – ein Überblick. *Rundsch Fleischhyg Lebensm* **66**: 5, 148–151.

Hsiao, I.-L., A. M. Gramatke, R. Joksimovic, M. Sokolowski, M. Gradzielski, A. Haase. 2014. Size and cell type dependent uptake of silica nanoparticles. *J Nanomed Nanotechnol* **5**: 6, 1–10.

Huehn, S., C. Eichhorn, S. Urmersbach, J. Breidenbach, S. Bechlars, N. Bier, T. Alter, E. Bartelt, C. Frank, B. Oberheitmann, F. Gunzer, N. Brennholt, S. Boer, B. Appel, R. Dieckmann, E. Strauch. 2014. Pathogenic vibrios in environmental, seafood and clinical sources in Germany. *Int J Med Microbiol* **304**: 7, 843–850.

Hutzler, C., M. Paschke, S. Kruschinski, F. Henkler, J. Hahn, A. Luch. 2014. Chemical hazards present in liquids and vapors of electronic cigarettes. *Arch Toxicol* **88**: 7, 1295–1308.

## 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.

Johne, R., P. Dremsek, J. Reetz, G. Heckel, M. Hess, R. G. Ulrich. 2014. *Hepeviridae*: an expanding family of vertebrate viruses. *Infect Genet Evol* **27**: 212–229.

Johne, R., J. Reetz, R. G. Ulrich, P. Machnowska, J. Sachsenröder, P. Nickel, J. Hofmann. 2014. An ORF1-rearranged hepatitis E virus derived from a chronically infected patient efficiently replicates in cell culture. *J Viral Hepat* **21**: 6, 447–456.

Jungnickel, H., S. Potratz, S. Baumann, P. Tarnow, M. Von Bergen, A. Luch. 2014. Identification of lipidomic biomarkers for coexposure to subtoxic doses of benzo[a]pyrene and cadmium: The toxicological cascade biomarker approach. *Environ Sci Technol* **48**: 17, 10423–10431.

## K

Kaufman, J., J. Lessler, A. Harry, S. Edlund, K. Hu, J. Douglas, C. Thoens, B. Appel, A. Käsbohrer, M. Filter. 2014. A likelihood-based approach to identifying contaminated food products using sales data: performance and challenges. *PLoS Comput Biol* **10**: 7, Art e1003692.

Kennedy, D. C., G. Orts-Gil, C. Lai, L. Müller, A. Haase, A. Luch, P. H. Seeberger. 2014. Carbohydrate functionalization of silver nanoparticles modulates cytotoxicity and cellular uptake. *J Nanobiotechnology* **12**: Art 59.

Kinross, P., I. Van Alpen, J. Martínez Urtaza, M. Struelens, J. Takkinen, D. Coulombier, P. Mäkelä, S. Bertrand, W. Mattheus, D. Schmid, E. Kanitz, V. Rücker, K. Krisztalovics, J. Paszti, Z. Szögyenyi, Z. Lancz, W. Rabsch, B. Pfeifferkorn, P. Hiller, K. Mooijman, C. Gossner. 2014. Multidisciplinary investigation of a multicountry outbreak of *Salmonella* Stanley infections associated with turkey meat in the European Union, August 2011 to January 2013. *Eurosurveillance* **19**: 19, 1–10.

Kleta, S., M. Nordhoff, K. Tedin, L. H. Wieler, R. Kolenda, S. Oswald, T. A. Oelschlaeger, W. Bleiss, P. Schierack. 2014. Role of F1C fimbriae, flagella, and secreted bacterial components in the inhibitory effect of probiotic *Escherichia coli* Nissle 1917 on atypical enteropathogenic *E. coli* infection. *Infect Immun* **82**: 5, 1801–1812.

Klevanskaa, K., N. Bier, K. Stingl, E. Strauch, S. Hertwig. 2014. PVv3, a new shuttle vector for gene expression in *Vibrio vulnificus*. *Appl Environ Microbiol* **80**: 4, 1477–1481.

Köck, R., B. Ballhausen, M. Bischoff, C. Cuny, T. Eckmanns, A. Fetsch, D. Harmsen, T. George, B. Oberheitmann, S. Schwarz, T. Selhorst, B.-A. Tenhagen, B. Walther, W. Witte, W. Ziebur, K. Becker. 2014. The impact of zoonotic MRSA colonization and infection in Germany. *Berl Münch Tierärztl Wochenschr* **127**: 9-10, 384–398.

Kok, E. J., J. Pedersen, R. Onori, S. Sowa, M. Schauzu, A. De Schrijver, T. H. Teeri. 2014. Plants with stacked genetically modified events: to assess or not to assess? *Trends Biotechnol* **32**: 2, 70–73.

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Kraushaar, B., A. Fetsch. 2014. First description of PVL-positive Methicillin-resistant *Staphylococcus aureus* (MRSA) in wild boar meat. *Int J Food Microbiol* **186**: 68–73.

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Kreuzer, S., J. Rieger, E. M. Strucken, N. Thaben, H. Hunigen, K. Nöckler, P. Janczyk, J. Plendl, G. A. Brockmann. 2014. Characterization of CD4+ subpopulations and CD25+ cells in ileal lymphatic tissue of weaned piglets infected with *Salmonella* Typhimurium with or without *Enterococcus faecium* feeding. *Vet Immunol Immunopathol* **158**: 3–4, 143–155.

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