

References

- ACDP (2007). Advisory Committee on Dangerous pathogens. Occupational Exposure to *Coxiella burnetii* (Q fever) in the Agriculture and Food Sector. Report ACDP/85/P8.
- Amara A, Ghigo E, Le Priol Y, Le´polard C, Salcedo SP, et al. (2010) *Coxiella burnetii*, the Agent of Q Fever, Replicates within Trophoblasts and Induces a Unique Transcriptional Response. PLoS ONE 5(12): e15315. doi:10.1371/journal.pone.0015315.
- Amara, A., Bechah, Y. and Mege, J.-L. (2012) Immune response and *Coxiella burnetii* invasion. Chapter 15 in *Coxiella burnetii*: Recent advances and new perspectives in research of the Q fever bacterium. Ed. Toman, R., Heinzen, R.A., Samuel, J.E. and Mege, J.-L.
- Anon (2012) Dairy statistics: An insider’s guide 2012
- Anon (2013a) Milk storage and temperature control (<https://www.coolmilk.com/files/Milk%20storage%20and%20temperature%20control%20sheet%20Embedded%20v2.pdf>)
- Anon (2013b) Innovate with dairy - What exactly are curds and whey? (<http://www.innovatewithdairy.com/Pages/Whatexactlyarecurdsandwhey.aspx>)
- ARC (2013) General concepts regarding dairy cattle (<http://www.arc.agric.za/home.asp?PID=1&ToolID=2&ItemID=1927>)
- Arricau-Bouvery N, Hauck Y, Bejaoui A, Frangoulidis D, Bodier CC, Souriau A, Meyer H, Neubauer H, Rodolakis A, Vergnaud G: Molecular characterization of *Coxiella burnetii* isolates by infrequent restriction site-PCR and MLVA typing. *BMC Microbiol* 2006, 6:38.
- Astobiza, I. Ruiz-Fons, F. Pinero, A., Barandika, J. F., Hurtado, A. and Garcia-Perez, A. L. (2012) Estimation of *Coxiella burnetii* prevalence in dairy cattle in intensive systems by serological and molecular analyses of bulk-tank milk samples. *J. Dairy Science* 95, 1632-1638
- Babudieri, B. (1953) Epidemiology, diagnosis and prophylaxis of Q fever. *WHO Monograph Series* 19, 157-173.
- Babudieri, B. (1959) Q fever: a zoonosis. *Adv. Vet Sci.* 5:81-182.
- Babudieri, B. and Moscovici, C. (1950) Behaviour of *Coxiella burnetii* with physical and chemical treatment. *R.C. 1st super. Sanit.* 13, 739-748.
- Banks, J.G. (2006) Risk Assessment of L. monocytogenes in UK retailed cheese'. Report for Food Standards Agency-funded study B12006. (<http://www.food.gov.uk/science/research/foodborneillness/microriskresearch/b12programme/B12projlist/b12006/>)
- Beare PA, Samuel JE, Howe D, Virtaneva K, Porcella SF, Heinzen RA (2006). Genetic diversity of the Q fever agent, *Coxiella burnetii*, assessed by microarray based whole-genome comparisons. *J Bacteriol*, 188:2309–2324.

Bell, E.J., Parker, R.R. and Stoenner, H.G. (1949) Q fever: Experimental Q fever in cattle. *Am. J. Public Health* 39, 478-484.

Brandwagt, D. (2012) *The decreasing seroprevalence of Q fever in the Netherlands. The role of milk processing*. MSc thesis, RIVM Bilthoven, Netherlands.

Brown GL, Colwell DC, Hooper WL (1968). An outbreak of Q fever in Staffordshire. *J. Hyg.* 66:649-655.

CAC (1999). Codex Alimentarius Commission - Principles and Guidelines for the Conduct of a Microbiological Risk Assessment. FAO, Rome. CAC/GL-30.

Capuano, F., Mancusi, A., Casalnuovo, F., Perugini, A., Proroga, Y., Guarino, A. and Berri, M. (2012) Real-time PCR-based detection of *Coxiella burnetii* in cheeses. *Eur Food Res Technol* 235, 1,181-1,186.

Cerf, O. and Condron, R. (2006) *Coxiella burnetii* and milk pasteurisation: an early application of the precautionary principle? *Epidemiology and Infection* 134, 946-951.

Connolly, J.H., Coyle, P.V., Adgey, A.A.J., O'Neill, H.J. and Simpson, D.M. (1990) Clinical Q fever in Northern Ireland 1962-1989. *The Ulster Medical Journal*, 59, 137-144.

Courcoul, A., Vergu, E., Denis, J.B. and Beaudeau, F. (2010) Spread of Q fever within dairy cattle herds: key parameters inferred using a Bayesian approach. *Proc. Roy Soc B Sciences* 277, 2857-2865.

Dairy goat journal (2012) (http://www.dairygoatjournal.com/issues/84/84-6/Tim_King.html)

DairyCo 2013. Kingshay Dairy Costings – National. Available at: <http://www.dairyco.org.uk/market-information/farming-data/kingshay-dairy-costings/kingshay-dairy-costings-national/>. Last accessed 25th April 2013.

Dairy Co Technical Information (2012) (<http://www.dairyco.org.uk/technical-information/animal-health-welfare/mastitis/working-arena-prevention-of-infection/dry-periods-resting-cows/>)

Dairy sheep fact sheet (2013) (<http://www.dbicusa.org/documents/Dairy%20Sheep%20Fact%20Sheet.pdf>)

Defra (2008) *Zoonoses Report, United Kingdom 2008*. Published by Defra. ISBN 0-85521-055.

Defra (2012) Department for Environment Food & Rural Affairs. 2011 UK Zoonoses Report (December 2012). Available at: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/69638/pb13851-zoonoses-2011.pdf.

Department of Health (2011) Whole milk consumption for consumers of 19 to 64 years. Not specified whether unpasteurised or pasteurized, or hot/cold at point of consumption. Table 5.2c, page 39 (http://webarchive.nationalarchives.gov.uk/20130107105354/http://www.dh.gov.uk/prod_consum_dh/groups/dh_digitalassets/documents/digitalasset/dh_128556.pdf).

Dupuis G, Petite J, Peter O, Vouilloz M. An important outbreak of human Q fever in a Swiss Alpine valley. *Int J Epidemiol.* 1987;16:282–7.

DWI (2008) National tap water consumption study DWI 70/2/217 (http://dwi.defra.gov.uk/research/completed-research/reports/DWI70_2_217.pdf)

EBLEX 2012. UK Yearbook 2012 – Cattle. Available at: http://www.eblex.org.uk/documents/content/markets/m_uk_yearbook12_cattle_240812.pdf. Last accessed 25th April 2013.

EFSA (2010). Scientific opinion on Q fever. *EFSA Journal*; 8(5): 1595 [114pp.].

Eldin, C., Angelakis, E., Renvoise, A. and Raoult, D. (2013) *Coxiella burnetii* DNA, but not viable bacteria, in dairy products in France. *American Journal of Tropical Medicine and Hygiene* 88, 765-769.

Enright, J.B., Sadler, W.W. and Thomas, R.C. (1957) Pasteurization of milk containing the organism of Q fever. *American Journal of Public Health*, 47, 695-700.

Enright, J. B. (1961). The Pasteurization of Cream, Chocolate Milk and Ice Cream Mixes Containing the Organism of Q fever. *Journal of Milk and Food Technology* 24(11), 351-355.

FAO (2002) Risk assessments of Salmonella in eggs and broiler chickens 2. Section 6.2.5 Retail, distribution and storage (<http://www.fao.org/docrep/005/Y4392E/y4392e0n.htm#bm23>)

Fishbein, D.B. and Raoult, D. (1992) A cluster of *Coxiella burnetii* infections associated with exposure to vaccinated goats and their unpasteurised dairy products. *Am J Trop Med Hyg* 47, 35-40.

Fitzpatrick KA, Kersh GJ & Massung RF (2010). Practical method for extraction of PCR-quality DNA from environmental soil samples. *Appl Environ Microbiol* 76, 4571–4573.

Fonseca F, Pinto MR, Oliveira J, Marques de Gama M, Lacerdo MT (1949). Febre Q em Portugal. *Clinica Contemporanea* 28:1567-1578

FSA (2009). Raw drinking milk and raw cream control requirements in the different countries of the UK (<http://food.gov.uk/business-industry/guidancenotes/dairy-guidance/rawmilkcream>).

FSA (2012) Microbiological safety of raw drinking milk. (<http://www.food.gov.uk/multimedia/pdfs/committee/acm-1076.pdf>)

FSA (2013). Information on UK raw milk cheeses. Document provided by FSA to the FS11016 Project Team.

Georgiev M, Afonso A, Neubauer H, Needham H, Thiéry R, Rodolakis A, Roest HJ, Stärk KD, Stegeman JA, Vellema P, van der Hoek W, More SJ. Q fever in humans and farm animals in four European countries, 1982 to 2010. *Euro Surveill.* 2013;18(8):pii=20407. Available online: <http://www.eurosurveillance.org/ViewArticle.aspx?ArticleId=20407>.

- Giffel, M.C. and Horst, H.C. van der (2004). Comparison between bacto-fugation and microfiltration regarding efficiency of somatic cell and bacteria removal. *Bulletin of the International Dairy Federation* 389, 59-53.
- Glasunova O, Roux V, Freylikman O, Sekeyova Z, Fournous G, Tyczka J, Tokarevich N, Kovacova E, Marrie TJ, Raoult D (2005). *Coxiella burnetii* genotyping. *Emerg. Infect. Dis.* 11: 1211-1217
- Grade "A" Pasteurized Milk Ordinance. (2009) Retrieved March 16, 2011, from <http://www.fda.gov/downloads/Food/FoodSafety/Product-SpecificInformation/MilkSafety/NationalConferenceonInterstateMilkShipmentsNCIMSMoelDocuments/UCM209789.pdf>
- Guatteo, R., Joly, A. and Beaudeau, F. (2012) Shedding and serological patterns of dairy cows following abortions associated with *Coxiella burnetii* DNA detection. *Veterinary Microbiology* 155, 430-433.
- Guatteo, R., Beaudeau, F., Joly, A., Seegers, H. (2007a). *Coxiella burnetii* shedding by dairy cows. *Vet. Res.* 38, 849–860.
- Guatteo, R., Beaudeau, F., Joly, A., Seegers, H. (2007b) Assessing the within-herd prevalence of *Coxiella burnetii* milk-shedder cows using a real-time PCR applied to bulk tank milk. *Zoonoses and Public Health* 54 191-194.
- Hechemy, K.E. (2012) History and prospects of *Coxiella burnetii* research. Chapter 1 in *Coxiella burnetii: Recent advances and new perspectives in research of the Q fever bacterium*. Ed. Toman, R., Heinzen, R.A., Samuel, J.E. and Mege, J.-L. *Advances in experimental medicine and biology* 984, 1-12.
- Heinzen RA,,Stiegler GL, Whiting LL, Schmitt SA, Mallavia LP and Frazier ME (1990). Use of pulsed field gel electrophoresis to differentiate *Coxiella burnetii* strains. *Ann. N. Y. Acad. Sci.* 590:504-513.
- Hendrix IR, Samuel JE, Mallavia LP (1991). Differentiation of *Coxiella burnetii* isolates by analysis of restriction-endonuclease-digested DNA separated by SDS_PAGE. *J. Gen. Microbiol.* 137:269-276
- Hirai, A., Nakama, A., Chiba, T and Kai, A. (2012) Development of a Method for Detecting *Coxiella burnetii* in Cheese Samples. *Journal of Veterinary Medical Science* 74, 175-180.
- Holsinger, V.H., Rajkowski, K.T. and Stabel, J.R. (1997) Milk pasteurisation and safety: a brief history and update. *Rev. sci. tech. Off. Int. Epiz.* 16, 441-451.
- Jado I, Carranza-Rodriguez C, Barandika JF, Toledo A, Garcia-Amil C *et al* (2012). Molecular method for the characterisation of *Coxiella burnetii* in clinical and environmental samples: variability of genotypes in Spain. *BMC Microbiol.* 12:91-101.
- Jellison, W.L., Huebner, R.J., Parker, R.R. and Bell, E.J. (1948). Q fever studies in Southern California. Recovery of *Coxiella burnetii* from butter made from naturally infected and unpasteurised milk. *Public Health Rep.* 63, 1712-1713.

- Jones, R. M., Nicas, M., Hubbard, A. E. and Reingold, A. L. The infectious dose of *Coxiella burnetii* (Q Fever). *Appl. Biosaf.* 2006, 11 (1), 32–41.
- Kersh GJ, Wolfe TM, Fitzpatrick KA, Candee AJ, Oliver LD, Patterson NE, Self JS, Priestley RA, Loftis AD & Massung RF. (2010). Presence of *Coxiella burnetii* DNA in the environment of the United States, 2006 to 2008. *Appl Environ Microbiol* 76, 4469–4475.
- Kim, S.G., Kim, E.H., Lafferty, C.J. and Dubovi, E. (2005) *Coxiella burnetii* in bulk tank milk, United States. *Emerging Infectious Disease*, 11, 619-621.
- Kingshay (2012) Kingshay dairy costings – National – published 16 April 2013 (<http://www.dairyco.org.uk/market-information/farming-data/kingshay-dairy-costings/kingshay-dairy-costings-national/>).
- Krumbieoel ER and Wisniewski HJ (1970). Q fever in the Milwaukee area. II. Consumption of infected raw milk by human volunteers. *Arch. Envir. Health* 21:63-65.
- Kukreja, A. (2011) *An integrated cell culture-PCR assay for the detection of viable Coxiella burnetii nine mile phase II RSA 439 in fluid dairy products.* MSc Illinois Institute of Technology.
- Lambton SL, Smith R, Gillard K & Pritchard GC (*unpublished*). Survey of sheep and goats sera for Q-fever.
- Langley, J.M., Marrie, T.J., Covert, A. et al. (1988) Poker players' pneumonia. An urban outbreak of Q fever following exposure to a parturient cat. *New Eng J Med* 319, 354-356.
- Langley J.M. (1990) Perinatal Q fever: is *Coxiella burnetii* a human perinatal pathogen? In: Marrie TJ, ed. Q fever, Vol I: the disease. Boca Raton: CRC Press, FL. pp 201–212.
- Limonard, G.J.M., Peters, J.B., Nabuurs-Franssen, M.H., Weers-pothoff, G., Besselink, R., Groot, C.A.R., Dekhuijzen, P.N.R. and Vercoulen, J.H. (2010) Detailed analysis of health status of Q fever patients 1 year after the first Dutch outbreak: a case-control study. *QJM-AN International Journal of Medicine* **103**, 953-958.
- Loftis AD, Priestley RA, Massung RF (2010). Detection of *Coxiella burnetii* in commercially available raw milk from the United States. *Foodborne Pathog and Dis*; 7:1453–56.
- Lopez-Gatius, F., Almeria, S., Tutusaus, J. and Garcia-Ispuerto, I. (2011) *Coxiella burnetii* sero-positivity is related to placenta retention in high producing dairy cows. *Reproduction in domestic animals* 46, Suppl 3, 124. Poster 161.
- Marrie TJ, Stein A, Janigan D, Raoult D (1996). Route of infection determines the clinical manifestations of acute Q fever. *J. Infect. Dis.* 173: 484-487.
- Marrie, T.J., Durant, H., Williams, J.C., Mintz, E. and Waag, D.M. (1988) Exposure to parturient cats: a risk factor for acquisition of Q fever in maritime Canada. *Journal of Infectious Diseases* 158, 101-108.

- Marrie, T.J., Williams, J.C., Schlech, W.F. and Yates, L. (1986) Q fever pneumonia associated with exposure to wild rabbits. *The Lancet* 327, 427-429.
- Marmion BP and Harvey MS (1956). The varying epidemiology of 'Q' fever in the south east region of Great Britain. I. In an urban area. *J. Hyg.* 54:533-546.
- Massung, R.F., Cutler, S. and Frangoulidis, D. (2012) Molecular typing of *Coxiella burnetii* (Q fever) Chapter 19 in *Coxiella burnetii: Recent advances and new perspectives in research of the Q fever bacterium*. Ed. Toman, R., Heinzen, R.A., Samuel, J.E. and Mege, J.-L. *Advances in experimental medicine and biology* 984, 381-396.
- Maurin M and Raoult D (1999). Q fever. *Clin. Microbiol. Rev.* 12:518-553.
- McCaughey, C., Murray, L.J., McKenna, J.P., Menzies, F.D., McCullough, S.J., O'Neill, H.J.O., Wyatt, D.E., Cardwell, C.R. and Coyle, P.V. (2010) *Coxiella burnetii* (Q fever) seroprevalence in cattle. *Epidemiology and Infection* 138, 21-27.
- McCaul, T.F. and Williams, J.C. (1981) Developmental cycle of *Coxiella burnetii*: structure and morphogenesis of vegetative and sporogenic differentiations. *Journal of Bacteriology* 147, 1063-1076.
- Megaw (1954) summarising Combiescu, D., Dumitrescu, N., Zarnea, G., Saragea, A. et al. (1953) Experimental and epidemiological studies of pulmonary typhus (Q fever) *Tropical Diseases Bulletin*. 1236-1237.
- Minnick and Reghavan (2012) Development biology of *Coxiella burnetii*. Chapter 12 in *Coxiella burnetii: Recent advances and new perspectives in research of the Q fever bacterium*. Ed. Toman, R., Heinzen, R.A., Samuel, J.E. and Mege, J.-L.
- Mullan, W.M.A. (2005) Role of cheese starters. [On-line]. Available from: <http://www.dairyscience.info/index.php/cheese-starters/225-role-of-starters.html> . Accessed: 22 April, 2013.
- NatCen (2013) Nation diet and nutrition survey (<http://www.natcen.ac.uk/study/national-diet-and-nutrition-survey>).
- Omsland, A. and Heinzen, R.A. (2011) Life on the outside: The rescue of *Coxiella burnetii* from its host cell. *Annual Review of Microbiology* 65, 111-128.
- Oyston, P.C.F. and Davies, C. (2011) Q fever: the neglected biothreat agent. *Journal of Medical Microbiology* 60, 9-21.
- Paape, M.J., Bannerman, D.D., Zhao, X. and Lee, J.W. (2003) The bovine neutrophil: Structure and function in blood and milk. *Vet Res* 34, 597-627.
- Paiba, GA; Green, LE; Lloyd, G; Patel, D; Morgan, KL (1999). Prevalence of antibodies to *Coxiella burnetii* (Q fever) in bulk tank milk in England and Wales. *Veterinary Record* 144, 519-522.

Pebody RG, Wall PG, Ryan MJ, Fairley C (1996). Epidemiological features of *Coxiella burnetii* infection in England and Wales: 1984 to 1994. *Communicable Disease Report* 6:R128-R132.

Porten, K., Rissland, J., Tigges, A., Broll, S., Hopp, W., Lunemann, M, van Treeck, U., Kimmig, P., Brockmann, S.O., Wagner-Wiening, C., Hellenbrand, W. and Buchholz, U. (2006) A super-spreading ewe infects hundreds with Q fever at a farmers' market in Germany. *BMC Infectious Disease* 6: 13.

Raoult D, Tissot-Dupont H, Foucault C, Gouvernet J, Fournier PE, Bernit E, Stein A, Nesri M, Harle JR, Weiller PJ (2000). Q fever 1985-1998: Clinical and epidemiological features of 1,383 infections. *Medicine* 79:109-123.

Raw-Milk-Facts (2013) Major dairy cow breeds (http://www.raw-milk-facts.com/dairy_cow_breeds.html)

Reichel R, Mearns R, Brunton L, Jones RM, Horigan M, Vipond R, Vincent G & Evans, S. (2012). Description of a *Coxiella burnetii* abortion outbreak in a dairy goat herd, and associated serology, PCR and genotyping results. *Research in Veterinary Science* 93, 1217-1224.

Richardson, C.W. (2013) Oklahoma cooperative Extension Service - Let's compare dairy goats and cows (http://oklahoma4h.okstate.edu/litol/file/animal/dairy/N-424_web.pdf).

Rodolakis, A., Berri, M., He´chard, C., Caudron, C., Souriau, A., Bodier, C.C., Blanchard, B., Camuset, P., Devillechaise, P., Natorp, J.C., Vadet, J.P., Arricau-Bouvery, N. (2007). Comparison of *Coxiella burnetii* shedding in milk of dairy bovine, caprine, and ovine herds. *J. Dairy. Sci.* 90, 5352–5360.

Roest H-J, van Gelderen B, Dinkla A, Frangoulidis D, van Zijderveld F, et al. (2012) Q Fever in Pregnant Goats: Pathogenesis and Excretion of *Coxiella burnetii*. *PLoS ONE* 7(11): e48949. doi:10.1371/journal.pone.0048949.

Rousset, E., Berri, M., Durand, B., Dufour, P., Prigent, M., Delcroix, T., Touratier, A. and Rodolakis, A. (2009) *Coxiella burnetii* shedding routes and antibody response after outbreaks of Q fever-induced abortion in dairy goat herds. *Applied and Environmental Microbiology*, 75, 428-433.

Russell-Lodrigue KE, Andoh M, Poels MWJ, Shive HR, Weeks BR, Zhang GQ *et al* (2009). *Coxiella burnetii* isolates cause genogroup-specific virulence in mouse and guinea pig models of acute Q fever. *Infect. Immun.* 77:5640-5650.

Ryan, E. D., Kirby, M., Collins, D. M., Sayers, R., Mee, J. F. and Clegg, T. (2011) Prevalence of *Coxiella burnetii* (Q fever) antibodies in bovine serum and bulk-milk samples. *Epidemiology and Infection* 139, 1413-1417.

Salmon MM, Howells B, Glencross EJ, Evans AD, Palmer SR. Q fever in an urban area. *Lancet.* 1982;1:1002–4.

Samuel JE, Frazier ME and Mallavia LP (1985). Correlation of plasmid type and disease caused by *Coxiella burnetii*. *Infect. Immun.* 40:775-779.

Savinelli EA and Mallavia LP (1990). Comparison of *Coxiella burnetii* plasmids to homologous chromosomal sequences present in a plasmidless endocarditis-causing isolate. *Ann. N. Y. Acad. Sci.* 590:523-533.

Schimmer, B., Lutikholt, S., Hautvast, J.L.A., Graat, E.A.M., Vellema, P. and van Duynhoven, Y.T.H.P. (2011) Seroprevalence and risk factors of Q fever in goats on commercial dairy goat farms in the Netherlands, 2009-2010. *BMC Veterinary Research* 7, 81.

Sheep 201 (2013) – a beginner's guide to raising sheep (<http://www.sheep101.info/201/dairysheep.html>)

Signs, K.A., Stobierski, M.G. and Gandhi, T.N. (2012) Q fever cluster among raw milk drinkers in Michigan, 2011. *Clinical Infectious Disease* 55, 1387-9.

Sipka, M. (1958) Survival of *Coxiella burnetii* in cheese. *Veterinarski Glasnik* 12, 9-12.

Stanford, C.F., Connolly, J.H., Ellis, W.A., Smyth, E.T.M., Coyle, P.V., Montgomery, W.I., and Simpson, D.I.H. (1990) Zoonotic infections in Northern Ireland. *Epidemiology and Infection* 105, 565-570.

Stein A, Louveau C, Lepidi H, Ricci F, Baylac P, Davoust B, Raoult D (2005). Q fever pneumonia: Virulence of *Coxiella burnetii* pathovars in a murine model of aerosol infection. *Infect. Immun.* 73:2469-2477

Strauss, B., Loschau, M., Seidel, T., Stallmach, A. and Thomas, A. (2012) Are fatigue symptoms and chronic fatigue syndrome following Q fever infection related to psychosocial variables? *Journal of Psychosomatic Research* 72, 300-304.

Thiele D, Willems H, Köpf G, Krauss H (1993). Polymorphism in DNA restriction patterns of *Coxiella burnetii* isolates investigated by pulsed field gel electrophoresis and image analysis. *Eur. J. Epidemiol.* 10:427-434.

Thomas, D.R., Treweek, L., Salmon, R.L., Kench, S.M., Coleman, T.J., Meadows, D., Morgan-Capner, P. and Caul, E.O. (1995) The risk of acquiring Q fever on farms: a seroepidemiological study. *Occup Environ Med* 52, 644-647.

Tilburg, J. H. C., Roest, H. J, I. J., Nabuurs-Franssen, M. H., Horrevorts, A. M., Klaassen, C. H. W. (2012) Genotyping Reveals the Presence of a Predominant Genotype of *Coxiella burnetii* in Consumer Milk Products. *Journal of Clinical Microbiology*, 50, 2156-2158.

Tissot-Dupont H, Amadei MA, Nezri M, Raoult D (2004) Wind in November, Q fever in December. *Emerg Infect Dis* 10: 1264–1269.

TIS (2013) Transport Information Service for German marine insurers (http://www.tis-gdv.de/tis_e/ware/milchpro/kaese/kaese.htm)

Tsurumi, K. (2003) Establishment of standards and requirements for milk and milk products under the food sanitation law. *Food Sanit Res* 53, 7-16.

UK Agriculture 2013. Dairy Production Cycle Available at: http://www.ukagriculture.com/production_cycles/dairy_production_cycle.cfm. Last accessed 25th April 2013.

van den Brom, R., van Engelen, E., Lutikholt, S., Moll, L., van Maanen, K. and Vellema, P. (2012) *Coxiella burnetii* in bulk tank milk samples from dairy goat and dairy sheep farms in The Netherlands in 2008. *Vet Record* 170, 310

Valergakis, G.E., Russell, C., Grogono-Thomas, R., Bradley, A.J. and Eisler, M.C. (2012). *Coxiella burnetii* in bulk tank milk of dairy cattle in south-west England. *Veterinary Record* 171(6): 156.

Van den Brom, R., van Engelen, E., Luttikholt, S., Moll, L., van Maanen, K. and Vellema, P. (2012) *Coxiella burnetii* in bulk tank milk samples from dairy goat and dairy sheep farms in The Netherlands in 2008. *Veterinary Record*, 170, 310

Van Woerden, H.C., Mason, B.W., Nehaul, L.K., Smith, R., Salmon, R.L., Healy, B., Valappil, M., et al. (2004) Q fever outbreak in industrial setting. *Emerging Infectious Diseases* 10, 1282-1289.

Voth DE, Heinzen RA (2007) Lounging in a lysosome: the intracellular lifestyle of *Coxiella burnetii*. *Cell Microbiol* 9: 829–840.

Wallensten, A., Moore, P., Webster, H., Johnson, C., van der Burgt, G., Pritchard, G., Ellis-Iversen, J., and Oliver I. (2010) Q fever outbreak in Cheltenham, United Kingdom, in 2007 and the use of dispersion modelling to investigate the possibility of airborne spread. *Euro surveillance* 15, 12 25 March 2010.

Welsh, H.H., Lennette, E.H., Abinanti, F.R. and Winn, J.F. (1951) *Public Health Rep Wash* 66, 1473-1477.

Williams, J. C. (1991). Infectivity, virulence, and pathogenicity of *Coxiella burnetii* for various hosts, p. 21-71. In J. C. Williams and H. A. Thompson *Coxiella burnetii*. CRC Press, Inc., Boca Raton, FL.(ed.), *Q fever: The biology of Coxiella*)

Wilson, L.E., Couper, S., Prempeh, H., Young, D., Plllock, K.G.J., Stewart, W.C., Browning, L.M. and Donaghy, M. (2010) Investigation of a Q fever outbreak in a Scottish co-located slaughterhouse and cutting plant. *Zoonoses and Public Health* 57, 493-498.

Zubkova, R.I. (1957) Survival of *Rickettsia burneti* in milk and milk products. *Journal of Microbiology, Epidemiology and Immunobiology* 28, 42-46.