

**ADVISORY COMMITTEE ON THE MICROBIOLOGICAL SAFETY OF FOOD**

**Items of possible interest from the literature**

A list of items from the literature which may be of interest to Members is attached.

**Secretariat  
September 2005**

### ***Bacillus cereus***

Hanson ML, Wendorff WL, Houck KB. Effect of heat treatment of milk on activation of *Bacillus* spores. J Food Prot. 2005; **68(7)**: 1484-6.

Duc le H, Dong TC, Logan NA, Sutherland AD, Taylor J, Cutting SM. Cases of emesis associated with bacterial contamination of an infant breakfast cereal product. Int J Food Microbiol. 2005; **102(2)**: 245-51.

Furukawa S, Narisawa N, Watanabe T, Kawarai T, Myozen K, Okazaki S, Ogihara H, Yamasaki M. Int J Food Microbiol. 2005 **102(1)**: 107-11.

### ***Campylobacter***

Miller G, Dunn GM, Reid TM, Ogden ID, Strachan NJ. Does age acquired immunity confer selective protection to common serotypes of *Campylobacter jejuni*? BMC Infect Dis. 2005 **5(1)**: 66.

Cox NA, Bailey JS, Richardson LJ, Buhr RJ, Cosby DE, Wilson jl, Hiatt KL, Siragusa GR, Bourassa DV. Presence of naturally occurring *Campylobacter* and *Salmonella* in the mature and immature ovarian follicles of late-life broiler breeder hens. Avian Dis. 2005; **49(2)**: 285-7.

Atterbury RJ, Dillon E, Swift C, Connerton PL, Frost JA, Dodd CE, Rees CE, Connerton IF. Correlation of *Campylobacter* bacteriophage with reduced presence of hosts in broiler chicken ceca. Appl Environ Microbiol. 2005; **71(8)**: 4885-7.

Nannapaneni R, Story R, Wiggins KC, Johnson MG. Concurrent quantitation of total *campylobacter* and total ciprofloxacin-resistant *campylobacter* loads in rinses from retail raw chicken carcasses from 2001 to 2003 by direct plating at 42 degrees C. Appl Environ Microbiol. 2005; **71(8)**: 4510-5.

Fitch BR, Sachen KL, Wilder SR, Burg MA, Lacher DW, Khalife WT, Whittam TS, Young VB. Genetic diversity of *Campylobacter* sp. Isolates from retail chicken products and humans with gastroenteritis in Central Michigan. J Clin Microbiol. 2005; **43(8)**: 4221-4.

Kuusi M, Nuorti JP, Hanninen ML, Koskela M, Jussila V, Kela E, Miettinen I, Ruutu P. A large outbreak of campylobacteriosis associated with a municipal water supply in Finland. Epidemiol Infect. 2005; **133(4)**: 593-601

Fearnhead P, Smith NG, Barrigas M, Fox A, French N. Analysis of Recombination in *Campylobacter jejuni* from MLST Population Data. J Mol Evol. 2005.

Woodall CA, Jones MA, Barrow PA, Hinds J, Marsden GL, Kelly DJ, Dorrell N, Bren BW, Maskell DJ. *Campylobacter jejuni* gene expression in the chick cecum: evidence for adaptation of a low-oxygen environment. *Infect Immun*. 2005; **73(8)**: 5278-85.

Wagenaar JA, Van Bergen MA, Mueller MA, Wassenaar TM, Carlton RM. Phage therapy reduces *Campylobacter jejuni* colonization in broilers. *Vet Microbiol*. 2005; **109(3-4)**: 275-83.

Schmidt-Ott R, Brass F, Scholz C, Werner C, Gross U. Improved serodiagnosis of *Campylobacter jejuni* infections using recombinant antigens. *J Med Microbiol*. 2005; **54(Pt 8)**: 761-7.

French N, Barrigas M, Brown P, Ribiero P, Williams N, Leatherbarrow H, Birtles R, Bolton E, Fearnhead P, Fox A. Spatial epidemiology and natural population structure of *Campylobacter jejuni* colonizing a farmland ecosystem. *Environ Microbiol*. 2005; **7(8)**: 1116-26.

Murphy C, Carroll C, Jordan KN. The effect of difference media on the survival and induction of stress responses by *Campylobacter jejuni*. *J Microbiol Methods*. 2005; **62(2)**: 161-6.

Paulsen P, Kanzler P, Hilbert F, Mayrhofer S, Baumgartner S, Smulders FJ. Comparison of three methods of detecting *Campylobacter* spp. In chilled or frozen meat. *Int J Food Microbiol*. 2005; **103(2)**: 229-33.

Lehner A, Tasara T, Stephen R. Relevant aspects of *Arcobacter* spp. As potential foodborne pathogen. *Int J Food Microbiol*. 2005; **102(2)**: 127-35.

Schouten JM, van de Giessen AW, Frankena K, De Jong MC, Graat EA. *Escherichia coli* O157 prevalence in Dutch poultry, pig finishing and veal herds and risk factors in Dutch veal herds. *Prev Vet Med*. 2005; **70(1-2)**: 1-15.

Wesley IV, Muraoka WT, Trampel DW, Hurd HS. Effect of preslaughter events on prevalence of *Campylobacter jejuni* and *Campylobacter coli* in market-weight turkeys. *Appl Environ Microbiol*. 2005; **71(6)**: 2824-31.

Boyd Y, Herbert EG, Marston KL, Jones MA, Barrow PA. Host genes affect intestinal colonisation of newly hatched chickens by *Campylobacter jejuni*. *Immunogenetics*. 2005; **57(3-4)**: 251-61.

Alter T, Gaull F, Kasimir S, Gurtler M, Mielke H, Linnebur M, Fehlhaber K. Prevalences and transmission routes of *Campylobacter* spp. Strains within multiple pig farms. *Vet Microbiol*. 2005; **108(3-4)**: 251-61.

Price LB, Johnson E, Vailes R, Silbergeld E. Fluoroquinolone-resistance *Campylobacter* isolates from conventional and antibiotic-free chicken products. *Environ Health Perspect*. 2005; **113(5)**: 557-60.

Mateo E, Carcamo J, Urquijo M, Perales I, Fernandez-Astorga A. Evaluation of a PCR assay for the detection and identification of *Campylobacter jejuni* and *Campylobacter coli* in retail poultry products. Res Microbiol. 2005; **156(4)**: 568-74.

Moore JE, Corcoran D, Dooley JS, Fanning S, Lucey B, Matsuda M, McDowell DA, Megraud F, Millar BC, O'Mahony R, O'Riordan L, O'Rourke M, Rao JR, Rooney PJ, Sails A, Whyte P. *Campylobacter*. Vet Res. 2005; **36(3)**: 351-82. Review.

### ***Clostridium***

Trampel DW, Smith SR, Rocke TE. Toxicoinfectious botulism in commercial caponized chickens. Avian Dis. 2005; **49(2)**: 301-3.

Barash JR, Tang TW, Arnon SS. First case of infant botulism caused by *Clostridium baratii* type F in California. J Clin Microbiol. 2005; **43(8)**: 4280-2.

Nevas M, Lindstrom M, Hautamaki K, Puoskari S, Korkeala H. Prevalence and diversity of *Clostridium botulinum* types A, B, E and F in honey produced in the Nordic countries. Int J Food Microbiol. 2005. [Epub ahead of print].

Brett MM, McLauchlin J, Harris A, O'Brien S, Black N, Forsyth RJ, Roberts D, Bolton FJ. A case of infant botulism with a possible link to infant formula milk powder: evidence for the presence of more than one strain of *Clostridium botulinum* in clinical specimens and food. J Med Microbiol. 2005; **54( 8)**: 769-76.

Sobel J, Mixter CG, Kolhe P, Gupta A, Guarner J, Zaki S, Hoffman NA, Songer JG, Fermont-Smith M, Fischer M, Killgore G, Britz PH, MacDonald C. Necrotizing enterocolitis associated with *clostridium perfringens* type A in previously healthy north american adults. J Am Coll Surg. 2005; **201(1)**: 48-56. Review.

Johnson EA, Tepp WH, Bradshaw M, Gilbert RJ, Cook PE, McIntosh ED. Characterization of *Clostridium botulinum* strains associated with an infant botulism case in the United Kingdom. J Clin Microbiol. 2005; **43(6)**: 2602-7.

Sharma SK, Whiting RC. Methods of detection of *Clostridium botulinum* toxins in foods. J Food Prot. 2005; **68(6)**: 1256-63. Review.

Kasai Y, Kimura B, Kawasaki S, Fukaya T, Sakuma K, Fujii T. Growth and toxin production by *Clostridium botulinum* in steamed rice aseptically packed under modified atmosphere. J Food Prot. 2005; **68(5)**: 1005-11.

Bohnel H, Gessler F. *Botulinum* toxins – cause of botulism and systemic diseases? Vet Res Commun. 2005; **29(4)**: 313-45. Review.

Dresslet D. [Botulism caused by consumption of smoked salmon]. Nervenarzt. 2005; **76(6)**: 763.6. German.

## ***Cryptosporidium***

Dawson D. Foodborne protozoan parasites. *Int J Food Microbiol.* 2005; **103(2)**: 207-27.

Caccio SM, Thompson RC, McLauchlin J, Smith HV. Unravelling *Cryptosporidium* and *Giardia* epidemiology. *Trends Parasitol.* 2005; **21(9)**: 430-7.

## ***E. coli***

Strachan NJ, Doyle MP, Kasuga F, Rotariu O, Ogden ID. Dose response modelling of *Escherichia coli* O157 incorporating data from foodborne and environmental outbreaks. *Int J Food Microbiol.* 2005; **103(1)**: 35-47.

Honish L, Predy G, Hislip N, Chui L, Kowalewska-Grochowska K, Trottier L, Kreplin C, Zazulak I. An outbreak of *E. coli* O157:7 hemorrhagic colitis associated with unpasteurized gouda cheese. *Can J Public Health.* 2005; **96(3)**: 182-4.

Large TM, Walk ST, Whittam TS. Variation in acid resistance among shiga toxin-producing clones of pathogenic *Escherichia coli*. *Appl Environ Microbiol.* 2005; **71(5)**: 2493-500.

Johannessen GS, Bengtsson GB, Heier BT, Bredholt S, Wasteson Y, Rorvik LM. Potential uptake of *Escherichia coli* O157:H7 from organic manure into crisphead lettuce. *Appl Environ Microbiol.* 2005; **71(5)**: 2221-5.

Garmendia J, Frankel G, Crepin VF. Enteropathogenic and enterohemorrhagic *Escherichia coli* infections: translocation, translocation, translocation. *Infect Immun.* 2005; **73(5)**: 2573-85.

Caprioli A, Morabito S, Brugereb H, Oswald E. Enterohaemorrhagic *Escherichia coli*: emerging issues on virulence and modes of transmission. *Vet Res.* 2005; **36(3)**: 289-311. Review.

Sanderson MW, Sargeant JM, Nagaraji TG. Effect of pooling bovine fecal samples on the sensitivity of detection of *E. coli* O157:H7. *Vet Microbiol.* 2005. [Epub ahead of print].

Liu WC, Jenkins C, Shaw DJ, Matthews L, Pearce MC, Low JC, Gunn GJ, Smith HR, Frankel G, Woolhouse ME. Modelling the epidemiology of Verocytotoxin-producing *Escherichia coli* serogroups in young calves. *Epidemiol Infect.* 2005; **133(3)**: 449-58.

## **Listeria**

Guentert AM, Linton RH, Luchansky JB, Cousin MA. Behaviour of *Listeria monocytogenes* in pH-modified chicken salad during refrigerated storage. J Environ Health. 2005; **68(1)**: 31-8, 43.

Schlech WF 3<sup>rd</sup>, Schlech WF 4<sup>th</sup>, Haldane H, Mailman TL, Wrhuus M, Crouse N, Haldane DJ. Does sporadic *Listeria* gastroenteritis exist? A 2-year population-based survey in Nova Scotia, Canada. Clin Infect Dis. 2005; **41(6)**: 778-84.

Nightingale KK, Windham K, Wiedmann M. Evolution and molecular phylogeny of *Listeria monocytogenes* isolated from human and animal listeriosis cases and foods. J Bacteriol. 2005; **187(16)**: 5537-51.

Manfreda G, De Cesare A, Stella S, Cozzi M, Cantoni C. Occurrence and ribotypes of *Listeria monocytogenes* in Gorgonzola cheese. Int J Food Microbiol. 2005; **102(3)**: 287-93.

Hwang CA, Tamplin ML. The influence of mayonnaise Ph and storage temperature on the growth of *Listeria monocytogenes* in seafood salad. Int J Food Microbiol. 2005; **102 (3)**: 277-85.

Rodriguez-Lazaro D, Jofre A, Aymerich T, Garriga M, Pla M. Rapid quantitative detection of, *Listeria monocytogenes* in salmon products: evaluation of pre-real-time PCR strategies. J Food Prot. 2005; **68(7)**: 1467-71.

Okwumabua O, O'Connor M, Shull E, Strelow K, Hamacher M, Kurzynski T, Warshauer D. Characterization of *Listeria monocytogenes* isolates from food animal clinical cases: PFGE pattern similarity to strains from human listeriosis cases. FEMS Microbiol Lett. 2005; **249(2)**: 275-81.

Oliver SP, Jayarao BM, Almeida RA. Foodborne pathogens in milk and the dairy farm environment: food safety and public health implications. Foodborne Pathog Dis. 2005; **2(2)**: 115-29.

Makino SI, Kawamoto K, Takeshi K, Okada Y, Yamasaki M, Yamamoto S, Igimi S. An outbreak of food-borne listeriosis due to cheese in Japan, during 2001. Int J Food Microbiol. 2005. [Epub ahead of print].

Koseki S, Isobe S. Prediction of pathogen growth on iceberg lettuce under real temperature history during distribution from farm to table. Int J Food Microbiol. 2005.

Thevenot D, Delignette-Muller ML, Christieans S, Vernozy-Rozand C. Prevalence of *Listeria monocytogenes* in 13 dried sausage processing plants and their products. IJ Food Microbiol. 2005; **102(1)**: 85-94.

Frye C, Donnelly CW. Comprehensive survey of pasteurized fluid milk produced in the United States reveals a low prevalence of *Listeria monocytogenes*. J Food Prot. 2005; **68(5)**: 973-9.

Gudmundsdottir S, Gudbjornsdottir B, Lauzon HL, Einarsson H, Kristinsson KG, Kristjansson M. Tracing *Listeria monocytogenes* isolates from cold-smoked salmon and its processing environment in Iceland using pulsed-field gel electrophoresis. *Int J Food Microbiol.* 2005; **101(1)**: 41-51.

Graves LM, Hunter SB, Ong AR, Schoonmaker-Bopp D, Hise K, Kornstein L, De Witt WE, Hayes PS, Dunne E, Mead P, Swaminathan B. Microbiological aspects of the investigation that traced the 1998 outbreak of listeriosis in the United States to contaminated hot dogs and establishment of molecular subtyping-based surveillance for *Listeria monocytogenes* in the PulseNet network. *J Clin Microbiol.* 2005; **43(5)**: 2350-5.

Koseki S, Isobe S. Growth of *Listeria monocytogenes* on iceberg lettuce and solid media. *Int J Food Microbiol.* 2005; **101(2)**: 217-25.

Ooi ST, Lorber B. Gastroenteritis due to *Listeria monocytogenes*. *Clin Infect Dis.* 2005; **40(9)**: 1327-32. Epub 2005 Mar 31.

Food Safety Authority of Ireland. The Control and Management of *Listeria monocytogenes* Contamination of Food. 2005. Dublin. [www.fsai.ie](http://www.fsai.ie)

### ***Mycobacterium***

Biet F, Boschioli ML, Thorel MF, Guilloteau LA. Zoonotic aspects of *Mycobacterium bovis* and *Mycobacterium avium-intracellulare* complex (MAC). *Vet Res.* 2005; **36(3)**: 411-36.

### **Noroviruses**

Sakon N, Yamazaki K, Yoda T, Kanki M, Otake T, Tsukamoto T. A norovirus outbreak of gastroenteritis linked to packed lunches, *Jpn J Infect Dis.* 2005; **58(4)**: 253.

Cheng PK, Wong DK, Chung TW, Lim WW. Norovirus contamination found in oysters worldwide. *J Med Virol.* 2005; **76(4)**: 593-7.

Widdowson MA, Monroe SS, Glass RI. Are noroviruses emerging? *Emerg Infect Dis.* 2005; **11(5)**: 735-7.

## ***Salmonella***

Kotilainen P, Pitkanen S, Siitonen A, Huovinen P, Hakanen A. In vitro activities of 11 fluoroquinolones against 816 non-typhoidal strains of *Salmonella* enterica isolated from Finnish patients with special reference to reduced ciprofloxacin susceptibility. *Ann Clin Microbiol Antimicrob.* 2005; **4(1)**: 12.

Lim H, Lee KH, Hong CH, Bahk GJ, Choi WS. Comparison of four molecular typing methods for differentiation of *Salmonella* spp. *Int J Food Microbiol.* 2005;

Sizemore DR, Warner B, Lawrence J, Jones A, Killeen KP. Live, attenuated *Salmonella* typhimurium vectoring *Campylobacter* antigens. *Vaccine.* 2005.

Anonymous. Add pet rodents to the list of animals that can spread *Salmonella*. *Child Health Alert.* 2005; 24:3-4.

Toma C, Higa N, Iyoda S, Rivas M, Iwanaga M. The long polar fimbriae genes identified in Shiga toxin-producing *Escherichia coli* are present in other diarrheagenic *E. coli* and in the standard *E. coli* collection of references (ECOR) strains. *Res Microbiol.* 2005.

Erdman MM, Harris IT, Torremorell M, Wilt VM, Harris DL. Occurrence of *Salmonella* serotype Typhimurium DT104 on a commercial swine farm before, during, and after depopulation and repopulation. *J Am Vet Med Assoc.* 2005; **227(3)**: 460-6.

Hall G, Kirk MD, Becker N, Gregory JE, Unicomb L, Millard G, Stafford R, Lalor K; OzFoodNet Working Group. Estimating foodborne gastroenteritis, Australia. *Emerg Infect Dis.* 2005; **11(8)**: 1257-64.

Guan D, Chen H, Hoover DG. Inactivation of *Salmonella* typhimurium DT 104 in UHT whole milk by high hydrostatic pressure. *Int J Food Microbiol.* 2005.

Summer J, Ross T, Jenson I, Pointon A. A risk microbiological profile of the Australian red meat industry: Risk ratings of hazard-product pairings. *Int J Food Microbiol.* 2005.

Kinde H, Castellan DM, Kerr D, Campbell J, Breitmeyer R, Ardans A. Longitudinal monitoring of two commercial layer flocks and their environments for *Salmonella* enterica serovar enteritidis and other Salmonellae. *Avian Dis.* 2005; **49(2)**: 189-94.

Tilquin P, Barrow PA, Marly J, Pitel F, Plisson-Petit F, Velge P, Vignal A, Baret PV, Bumstead N, Beaumont C. A genome scan for quantitative trait loci affecting the *Salmonella* carrier-state in the chicken. *Genet Sel Evol.* 2005; **37(5)**: 539-561.

Morales CA, Porwollik S, Frye JG, Kinde He McClelland M, Guard-Bouldin J. Correlation of phenotype with the genotype of egg-contaminating *Salmonella enterica* serovar Enteritidis. *Appl Environ Microbiol.* 2005; **71(8)**:4388-99.

Muniesa M, Blanch AR, Lucena F, Jofre J. Bacteriophages may bias outcome of bacterial enrichment cultures. *Appl Environ Microbiol.* 2005; **71(8)**: 4269-75.

Purvis GM, Hullah K, Pascoe SJ, Evans SJ, Davies RH. Persistence of *Salmonella* Typhimurium DT120 in abattoir paddocks holding sheep. *Vet Rec.* 2005; **157(6)**: 165-7.

Oliveira CJ, Carvalho LF, Fernandes SA, Tavechio AT, Domingues FJ Jr. Prevalence of pigs infected by *Salmonella* Typhimurium at slaughter after an enterocolitis outbreak. *Int J Food Microbiol.* 2005. [Epub ahead of print].

Pelludat C, Prager R, Tschape H, Rabsch W, Schuchhardt J, Hardt WD. Pilot study to evaluate microarray hybridization as a tool for *Salmonella enterica* serovar Typhimurium strain differentiation. *J Clin Microbiol.* 2005 **43(8)**:4092-106.

Sukhnanand S, Alcaine S, Warnick LD, Su WL, Hof J, Craver MP, McDonough P, Boor KJ, Wiedmann M. DNA sequence-based subtyping and evolutionary analysis of selected *Salmonella enterica* serotypes. *J Clin Microbiol.* 2005; **43(8)**: 3688-98.

Olesen B, Neimann J, Bottiger B, Ethelberg S, Schiellerup P, Jensen C, Helms M, Scheutz F, Olsen KE, Krogfelt K, Petersen E, Molback K, Gerner-Smidt P. Etiology of diarrhea in young children in Denmark: a case-control study. *J Clin Microbiol.* 2005 **43(8)**: 3636-41.

Seuri M, Koivunen J, Granfors K, Heinonen-Tanski H. Work-related symptoms and *Salmonella* antibodies among wastewater treatment plant workers. *Epidemiol Infect.* 2005; **133(4)**: 603-9.

Higgins JP, Higgins SE, Guenther KL, Huff W, Donoghue AM, Donoghue DJ, Hargis BM. Use of a specific bacteriophage treatment to reduce *Salmonella* in poultry products. *Poult Sci.* 2005; **84(7)**: 1141-5.

Rychlik I Barrow PA. *Salmonella* stress management and its relevance to behaviour during intestinal colonisation and infection. *FEMS Microbiol Rev.* 2005; **14**.

Ingham SC, Wadhwa RK, Fanslau MA, Buege DR. Growth of *Salmonella* serovars, *Escherichia coli* O157:H7, and *Staphylococcus aureus* during thawing of whole chicken and retail ground beef portions at 22 and 30 degrees C. *J Food Prot.* 2005; **68(7)**: 1457-61.

Meldrum RJ, Tucker ID, Smith RM, Edwards C. Survey of *Salmonella* and *Campylobacter* contamination of whole, raw poultry on retail sale in Wales in 2003. *J Food Prot.* 2005; **68(7)**:1447-9.

Kennedy J, Jackson V, Blair IS, McDowell DA, Cowan C, Bolton DJ. Food safety knowledge of consumers and the microbiological and temperature status of their refrigerators. *J Food Prot.* 2005; **68(7)**: 1421-30.

Mearin F, Perez-Oliveras M, Perello A, Vinyet J, Ibanez A, Coderch J, Perona M. Dyspepsia and irritable bowel syndrome after a *Salmonella* gastroenteritis outbreak: one-year follow-up cohort study. *Gastroenterology.* 2005; **129(1)**: 98-104.

Politi L, Tassios PT, Lambiri M, Kansouzidou A, Pasiotou M, Vatopoulos AC, Mellou K, Legakis NJ, Tzouveleki LS. Repeated occurrence of diverse extended-spectrum beta-lactamases in minor serotypes of food-borne *Salmonella enterica* subsp. *Enterica*. *J Clin Microbiol.* 2005; **43(7)**:3453-6.

Yates C, Amyes S. Extended-spectrum beta-lactamases in non-typhoidal *Salmonella* spp. Isolated in the UK are now a reality: why the late arrival? *J Antimicrob Chemother.* 2005 **56(2)**: 262-4. Review.

Messi P, Guerrieri E, Bondi M. Antibiotic resistance and antibacterial activity in heterotrophic bacteria of mineral water origin. *Sci Total Environ,* 2005; **346(1-3)**:213-9.

Cenci-Goga BT, Ortenzi R, Bartocci E, Codega de Oliveira A, Clementi F, Vizzani A. Effect of the implementation of HACCP on the microbiological quality of meals at a university restaurant. *Foodborne Pathog Dis.* 2005; **2(2)**: 138-45.

Salman HH, Gamazo C, Campanero MA, Irache JM. *Salmonella*-like bioadhesive nanoparticles. *J Control Release.* 2005; **106(1-2)**: 1-13.

Varma JK, Greene KD, Ovitt J, Barrett TJ, Medalla F, Angulo FJ. Hospitalization and antimicrobial resistance in *Salmonella* outbreaks, 1984-2002. *Emerg Infect Dis.* 2005; **11(6)**: 943-6.

Helms M, Ethelberg S, Molback K; DT104 Study Group. International *Salmonella* Typhimurium DT104 infections, 1992-2001. *Emerg Infect Dis.* 2005; **11(6)**: 859-67.

Jansson A, Arneborn M, Ekdahl K. Sensitivity of the Swedish statutory surveillance system for communicable diseases 1998-2002, assessed by the capture-recapture method. *Epidemiol Infect.* 2005; **133(3)**: 401-7.

Doffinger R, Patel S, Kumararatne DS. Human immunodeficiencies that predispose to intracellular bacterial infections. *Curr Opin Rheumatol.* 2005; **17(4)**:440-6.

Fegan N, Vanderlinde P, Higgs G, Desmarchelier P. A study of the prevalence and enumeration of *Salmonella enterica* in cattle and on carcasses during processing. *J Food Prot.* 2005; **68(6)**: 1147-53.

Yates J. Traveler's diarrhea. *Am Fam Physician*. 2005; **71(11)**: 2095-100. Review.

Hasman H, Mevius D, Veldman K, Olesen I, Aarestrup FM. Beta-Lactamases among extended-spectrum beta-lactamase (ESBL)-resistant *Salmonella* from poultry, poultry products and human patients in The Netherlands. *J Antimicrob Chemother*. 2005; **56(1)**: 115-21.

Amieva MR. Important bacterial gastrointestinal pathogens in children: a pathogenesis perspective. *Pediatr Clin North Am*. 2005; **52(3)**:749-77, vi. Review.

Murray A, Coia JE, Mather H, Brown DJ. Ciprofloxacin resistance in non-typhoidal *Salmonella* serotypes in Scotland, 1993-2003. *J Antimicrob Chemother*. 2005; **56(1)**: 110-4.

Maijala R, Ranta J, Seuna E, Pelkonen S, Johansson T. A quantitative risk assessment of the public health impact of the Finnish *Salmonella* control program for broilers. *Int J Food Microbiol*. 2005; **102(1)**: 21-35.

Boes J, Alban L, Bagger J, Mogelmosse V, Baggesen DL, Olsen JE. Survival of *Escherichia coli* and *Salmonella* Typhimurium in slurry applied to clay soil on a Danish swine farm. *Prev. Vet Med*. 2005; **69(3-4)**: 213-28.

Stine SW, Song I, Choi CY, Gerba CP. Application of microbial risk assessment to the development of standards for enteric pathogens in water used to irrigate fresh produce. *J Food Prot*. 2005; **68(5)**: 913-8.

Batchelor M, Hopkins KL, Threlfall EJ, Clifton-Hadley FA, Stallwood AD, Davies RH, Liebana E. Characterization of AmpC-mediated resistance in clinical *Salmonella* isolates recovered from humans during the period 1992 to 2003 in England and Wales. *J Clin Microbiol*. 2005; **43(5)**: 2261-5.

Ng PJ, Fleet GH, Heard GM. Pesticides as a source of microbial contamination of salad vegetables. *Int J Food Microbiol*. 2005; **101(2)**: 237-50.

Velge P, Cloeckaert A, Barrow P. Emergence of *Salmonella* epidemics: the problems related to *Salmonella enterica* serotype Enteritidis and multiple antibiotic resistance in other major serotypes. *Vet Res*. 2005; **36(3)**: 267-88. Review.

Mazurek J, Holbert L, Parrish MK, Salehi E. Raw eggs-lessons learned from an outbreak of *Salmonella* serotype enteritidis infections associated with meringue pie. *J Public Health Manag Pract*. 2005; **11(3)**: 201-7.

### ***Staphylococcus aureus***

Pinto B, Chenoll E, Aznar R. Identification and typing of food-borne *Staphylococcus aureus* by PCR-based techniques. *Syst Appl Microbiol.* 2005; **28(4)**: 340-52.

Zschock M, Kloppert B, Wolter W, Hamann HP, Lammler Ch. Patter of enterotoxin genes seg, seh, sei and sej positive *Staphylococcus aureus* isolated from bovine mastitis. *Vet Microbiol.* 2005; **108(3-4)**: 243-9.