

Publications – CRIP -2012

Article - revue avec comité de lecture

- Aranda J, Teixido L, Fittipaldi N, Cortés P, Llagostera M, Gottschalk MG et Barbé J (2012). « Inactivation of the gene encoding zinc-binding lipoprotein 103 impairs the infectivity of *Streptococcus suis*. », *Canadian Journal of Veterinary Research.*, vol. 76, p. 72-76
- Archambault M, Harel J, Gouré J, Tremblay Y et Jacques M (2012). « Antimicrobial Susceptibilities and Resistance Genes of Canadian Isolates of *Actinobacillus pleuropneumoniae*. », *Microbial Drug Resistance*, p. 198-206
- Arsenault J, Michel P, Berke O, Ravel A et Gosselin P (2012). « Environmental characteristics associated with campylobacteriosis: accounting for the effect of age and season. », *Epidemiology and Infection*, vol. 140, no 2, p. 311-322
- Arsenault J, Berke O, Michel P, Ravel A et Gosselin P (2012). « Environmental and demographic risk factors for Campylobacteriosis: do various geographical scales tell the same story? », *BMC Infect Dis.*, vol. 12, no 318
- Aslam M, Diarra MS, Masson L. (2012). « Characterization of antimicrobial resistance and virulence genotypes of *Enterococcus faecalis* recovered from a pork processing plant. », *J Food Prot.*, vol. 75, no 8, p. 1486-1491
- Aslam M, Diarra MS, Checkley S, Bohaychuk V, Masson L. (2012). « Characterization of antimicrobial resistance and virulence genes in *Enterococcus* spp. isolated from retail meats in Alberta, Canada. », *Int J Food Microbiol.*, vol. 156, no 3, p. 222-230
- Bachand N, Ravel A, Onanga R, Arsenault J et Gonzalez J (2012). « Public Health Significance of Zoonotic Bacterial Pathogens from Bushmeat Sold in Urban Markets of Gabon, Central Africa. », *Journal of Wildlife Diseases.*, vol. 48, no 3, p. 785-789
- Bao KD, Letellier A, Beaudry F. (2012). « Analysis of Staphylococcus enterotoxin B using differential isotopic tags and liquid chromatography quadrupole ion trap mass spectrometry. », *Biomed Chromatogr.*, vol. 26, no 9, p. 1049-1057
- Bermingham E, Del Castillo J, Lainesse C, Pasloske K et Radecki S (2012). « Demonstrating bioequivalence using clinical endpoint studies. », *J Vet Pharmacol Ther.*, p. 31-37
- Bonifait L, Marquis A, Genovese S, Epifano F et Grenier D (2012). « Synthesis and antimicrobial activity of geranyloxy- and farnesyloxy-acetophenone derivatives against oral pathogens. », *Fitoterapia*
- Boyle B, Vaillancourt K, Bonifait L, Charette SJ, Gottschalk M, Grenier D. (2012). « Genome sequence of the swine pathogen *Streptococcus suis* serotype 2 strain S735. », *J Bacteriol.*, vol. 194, no 22, p. 6343-6344
- Bushansingh B, Ferket P, Ashwell C, De Oliveira J et Zhao X (2012). « Cell walls of *Saccharomyces cerevisiae* differentially modulated innate immunity and glucose metabolism during late systemic inflammation. », *PLoS ONE*
- Byun JW, Jung BY, Kim HY, Fairbrother JM et Lee WK (2012). « Real-time PCR for differentiation of F4 (K88) variants (F4ab, F4ac, F4ad) of enterotoxigenic *Escherichia coli* from diarrhoeic piglets. », *The Veterinary Journal*, vol. 193, no 2, p. 593-594
- Balinescu C, Mondovi B, Federico R, Ispas-Szabo P et Mateescu MA (2012). « Carboxymethyl starch: Chitosan monolithic matrices containing diamine oxidase and catalase for intestinal delivery. », *Int J Pharm.*, p. 48-56

- Charbonneau MÈ, Côté JP, Haurat M, Reiz B, Crépin S, Berthiaume F, Dozois CM, Feldman M et Mourez M (2012). « A structural motif is the recognition site for a new family of bacterial protein O-glycosyltransferases. », *Mol Microbiol*, vol. 83, no 5, p. 894-907
- Charlebois A, Jalbert LA, Harel J, Masson L et Archambault M (2012). « Characterization of genes encoding for acquired bacitracin resistance in *Clostridium perfringens*. », *PLoS One*, vol. 7, no 9, p. e44449
- Chekabab M, Daigle F, Charette S, Dozois CM et Harel J (2012). « Survival of enterohemorrhagic *Escherichia coli* in the presence of *Acanthamoeba castellanii* and its dependence on Pho regulon. », *Microbiologyopen*, vol. 1, no 4, p. 427-437
- Chénier S et Chorfi Y (2012). « Effect of extra dietary vitamin E on preventing nutritional myopathy in broiler chickens. Guetchom B., Venne D., », *J Appl Poult Res.*, vol. 21, no 3, p. 548-555
- Crépin S, Porcheron G, Harel J et Dozois CM (2012). « The fate of not sensing phosphate: Downregulation of type 1 fimbriae through activation of the Pho regulon reduces *E. coli* urinary tract virulence. », *Virulence*, vol. 3, no 7, p. 596-598
- Cheng J, Xue H et Zhao X (2012). « Variation of serine-aspartate repeats in membrane proteins possibly contributes to staphylococcal microevolution, », *PLoS ONE*.
- Chetrit E, L'Homme Y, Sohal J et Quach C (2012). « Group A rotaviruses in children with gastroenteritis in the prevaccine era: Quebec, Canada 2006-2011, », *Canadian Journal of Infectious Diseases & Medical Microbiology*.
- Chibeu A, Lingohr E, Masson L, Manges A, Harel J et Ackermann H (2012). « Bacteriophages with ability to degrade uropathogenic *Escherichia coli* biofilms. », *Viruses*, p. 471-487
- Chung JW, Küster-Schöck E, Gibbs BF, Jacques M, Coulton JW. (2012). « Immunoproteomic analyses of outer membrane antigens of *Actinobacillus pleuropneumoniae* grown under iron-restricted conditions. », *Vet Microbiol.*, vol. 159, no 1-2, p. 187-194
- Chung J, Küster-Schöck E, Gibbs BF, Jacques M et Coulton JW (2012). « Immunoproteomic analyses of outer membrane antigens of *Actinobacillus pleuropneumoniae* grown under iron-restricted conditions », *Vet Microbiol*
- Côté JP, Berthiaume F, Houle S, Fairbrother JM, Dozois CM et Mourez M (2012). « Identification and evolution mechanism of new alleles coding for the AIDA-I autotransporter of porcine pathogenic *Escherichia coli*. », *Applied and Environmental Microbiology*, vol. 78, no 13, p. 4597-4605
- Crépin S, Harel J et Dozois CM (2012). « Chromosomal complementation using Tn7 transposon vectors in *Enterobacteriaceae*. », *Applied and environmental microbiology.*, vol. 78, no 17, p. 6001-6008
- Crépin S, Houle S, Charbonneau MÈ, Mourez M, Harel J et Dozois CM (2012). « Decreased expression of Type 1 Fimbriae by a *pst* mutant of uropathogenic *Escherichia coli* reduces urinary tract infection. », *Infection and Immunity*, p. 2802-2815
- Desjardins J, Tanabe SI, Bergeron C, Gafner S et Grenier D (2012). « Anthocyanin-rich black currant extract and cyanidin-3-O-glucoside have cytoprotective and anti-inflammatory properties. », *J. Med. Food*, vol. 15, no 12, p. 1045-1050
- Deslile B, Gagnon C, Lambert MÉ et D'Allaire S (2012). « Porcine reproductive and respiratory syndrome virus diversity of Eastern Canada swine herds in a large sequence dataset reveals two hypervariable regions under positive selection », *Infect Genet Evol.*, p. 1111-1119
- Deslile B, Calinescu C, Mateescu MA, Fairbrother JM et Nadeau É (2012). « Oral immunization with f4 fimbriae and CpG formulated with carboxymethyl starch enhances f4-specific mucosal immune response and modulates Th1 and th2 cytokines in weaned pigs », *J Pharm Pharm Sci.*, vol. 15, no 5, p. 642-656

- Dogan B, Rishniw M, Bruant G, Harel J, Schukken YH, Simpson KW. (2012). « Phylogroup and IpfA influence epithelial invasion by mastitis associated *Escherichia coli*. »
- Domínguez Punaro MDLC, Koedel U, Hoegen T, Demel C, Klein M et Gottschalk MG (2012). « Severe cochlear inflammation and vestibular syndrome in an experimental model of *Streptococcus suis* infection in mice. », *European Journal of Clinical Microbiology and Infectious Diseases.*, vol. 31, p. 2391-2400
- Drolet R, Denicourt M et D'Allaire S (2012). « Alopecia areata and humpy-back syndrome in suckling piglets », *Can. Vet. J.*, vol. 53, no 8, p. 865-869 Publié 2012
- Dubreuil D (2012). « The whole shebang: The gastrointestinal tract, *Escherichia coli* enterotoxins and secretion. », *Current Issues in Molecular Biology*, p. 71- 82
- Eduard W, Heederik D, Duchaine C et Green BJ (2012). « State of the art in bioaerosol exposure assessment », *Journal of Environmental Monitoring*, vol. 14, p. 334-339
- Faucitano L, Torrey S, Bergeron R, Del Castillo J et Matte J (2012). « Effects of water supplementation with tryptophan and vitamin B6 or feeding hydrogenated fat on reducing hunger-induced drinking pre-slaughter in pigs. », *Can J Anim Sci*
- Forgetta V, Rempel H, Malouin F, Vaillancourt JP, Topp E, Dewar K et Diarra M (2012). « Pathogenic and multidrug-resistant *Escherichia fergusonii* from broiler chicken. », *Poultry Science.*, p. 512-525
- Feghali K et Grenier D (2012). « Priming effect of fibronectin fragments on the macrophage inflammatory response: Potential contribution to periodontitis. », *Inflammation*, vol. 35, no 5, p. 1696-1705
- Feldman M, Tanabe SI, Howell AB et Grenier D (2012). « Cranberry proanthocyanidins inhibit the adherence properties of *Candida albicans* and cytokine secretion by oral epithelial cells. », *BMC Compl. Alt. Med*, p. 438-447
- Fittipaldi N, Segura M, Grenier D et Gottschalk MG (2012). « Virulence factors involved in the pathogenesis of the infection caused by the swine pathogen and zoonotic agent *Streptococcus suis*. », *Future Microbiol*, vol. 7, p. 259-279
- Guetchom B, Venne D, Chénier S et Chorfi Y (2012). « Effect of extra dietary vitamin E on preventing nutritional myopathy in broiler chickens. », *Journal of applied Poultry Research*
- Garénaux A et Dozois CM (2012). « Metals: ironing out copper toxicity. », *Nat Chem Biol.*, vol. 8, no 8, p. 680-681 Publié 2012
- Gottschalk MG, Lacouture S, Bonifait L, Roy D, Fittipaldi N et Grenier D (2012). « Characterization of *Streptococcus suis* isolates recovered between 2008 and 2011 from diseased pigs in Québec, Canada. », *Veterinary Microbiology*, vol. 162, p. 816-825
- Hatoum R, Labrie S et Fliss I (2012). « Anti-microbial and probiotic properties of yeast: from fundamental to novel applications. », *Frontiers in Microbiology*
- Hammami R, Fernandez B et Fliss I (2012). « Anti-Infective properties of bacteriocins: an update. », *Anti-Infective properties of bacteriocins: an update. Clinical Microbiology Review*
- Houde M, Gottschalk MG, Gagnon C, Van Calsteren MR et Segura M (2012). « *Streptococcus suis* Capsular Polysaccharide Inhibits Phagocytosis through Destabilization of Lipid Microdomains and Prevents Lactosylceramide-Dependent Recognition. », *Infection and Immunity*, p. 506-517
- Jacobsen L, Garneau P, Bruant G, Harel J, Olsen S, Porsbo L, Hammerum A et Frimodt-Moller N (2012). « Is *Escherichia coli* urinary tract infection a zoonosis? Proof of direct link with production animals and meat. », *European Journal of Clinical Microbiology and Infectious Diseases*, p. 1121-1129

- Jakob Hjort Bønløkke, Marc Veillette, Anne Mériaux, Caroline Duchaine, Yvon Cormier (2012). « Work Related Health Effects in Swine building Workers after Respiratory Protection Use. », *Journal of Occupational and Environmental Medicine*, vol. 54, no 9, p. 1126-1132
- Just N, Létourneau V, Kirychuk S, Singh B et Duchaine C (2012). « Potentially pathogenic bacteria and antimicrobial resistance in bioaerosols from caged and floor-housed poultry operations », *Annals of Occupational Hygiene*, vol. 56, no 4, p. 440-449
- Kang, I., D. Kim, K. Han, H. W. Seo, Y. Oh, C. Park, J. Lee, M. Gottschalk, C. Chae (2012). « Optimized protocol for multiplex nested polymerase chain reaction to detect and differentiate *Haemophilus parasuis*, *Streptococcus suis*, and *Mycoplasma hyorhinis* in formalin-fixed, paraffin-embedded tissues from pigs with polyserositis. », *The Canadian Journal of Veterinary Research*, vol. 76, p. 195-200
- Kerdsin, A., S. Dejsirilert, Y. Akeda, T. Sekizaki, S. Hamada, M. Gottschalk, K. Oishi. (2012). « Fifteen *Streptococcus suis* serotypes identified by multiplex PCR. », *Journal of Medical Microbiology*, vol. 61, p. 1669-1672
- Lambert MÉ, Arsenault J, Poljak Z et D'Allaire S (2012). « Correlation among genetic, Euclidean, temporal, and herd ownership distances of porcine reproductive and respiratory syndrome virus strains in Quebec, Canada. », *BMC Veterinary Research*, vol. 8, no 1, p. 76
- Lambert MÉ, Poljak Z, Arsenault J et D'Allaire S (2012). « Epidemiological investigations in regard to porcine reproductive and respiratory syndrome (PRRS) in Quebec, Canada. Part 1: Biosecurity practices and their geographical distribution in two areas of different swine density. », *Preventive Veterinary Medicine*, vol. 104, no 1-2, p. 74-84
- Lambert MÈ, Denicourt M, Poljak Z et D'Allaire S (2012). « Gilt replacement strategies in two swine production areas of Quebec in relation to porcine reproductive and respiratory syndrome virus », *J. Swine Health Prod*, vol. 20
- Lecours MP, Segura M, Fittipaldi N, Rivest S et Gottschalk MG (2012). « Immune receptors involved in *Streptococcus suis* recognition by dendritic cells. », *PLoS One*
- Lecours MP, Fittipaldi N, Takamatsu D, Okura M, Segura M, Goyette-Desjardin G, Van Calsteren MR et Gottschalk MG (2012). « Sialylation of *Streptococcus suis* serotype 2 is essential for capsule expression but is not responsible for the main capsular epitope. », *Microbes Infect*, vol. 14, no 11, p. 941-950
- Lemire P, Houde M, Lecours MP, Fittipaldi N et Segura M (2012). « Role of capsular polysaccharide in Group B *Streptococcus* interactions with dendritic cells. », *Microbes and Infection*
- Lemire P, Houde M et Segura M (2012). « Encapsulated Group B *Streptococcus* modulates dendritic cell functions via lipid rafts and clathrin-mediated endocytosis. », *Cellular Microbiology*.
- Lombardo Bedran T, Marcantonio R, Spin Neto R, Alves Mayer M, Grenier D, Spolidorio L et Palomari Spolidorio D (2012). « *Porphyromonas endodontalis* in chronic periodontitis: a clinical and microbiological cross-sectional study. », *J. Clin. Invest. Dent*. 4
- Loos M, Schauvliege S, Gasthuys F, Van der Meulen J, Dubreuil D, Goddeeris B, Niewold T et Cox. E (2012). « Role of heat-stable enterotoxins in the induction of early immune responses in piglets after infection with enterotoxigenic *Escherichia coli*. », *PLoS ONE*
- Malmuthuge N, Li M, Chen Y, Fries P, Griebel P, Baurhoo B, Zhao X et Guan L (2012). « Distinct commensal bacteria associate with ingesta and mucosal epithelium throughout the gastrointestinal tract. », *FEMS Microbiol. Ecol.*, p. 337-347

- Marquis A, Genovese S, Epifano F et Grenier D (2012). « The plant coumarins auraptene and lacinartin as potential multifunctional therapeutic agents for treating periodontal disease. », *BMC Compl. Alt. Med.*, vol. 12, p. 80
- Martel-Paradis O, Laurin M, Martella V, Sohal J et L'Homme Y (2012). « Full-length genome analysis of G2, G9 and G11 porcine group A rotaviruses. », *Veterinary Microbiology*.
- Mateescu MA, Calinescu C, Le T, Federico R et Mondovi B (2012). « Zymographic assay of oxidases using peroxidase or hemin entrapped in polyacrylamide gel. », *Methods Mol Biol.*, p. 591-605
- Messier C, Epifano F, Genovese S et Grenier D (2012). « Licorice and its potential beneficial effects in common oro-dental diseases. », *Oral Dis.*, p. 32-39
- Mitchell G, Lafrance M, Boulanger S, Séguin D, Guay I, Gattuso M, Marsault É, Bouarab K et Malouin F (2012). « Tomatidine acts in synergy with aminoglycoside antibiotics against multiresistant *Staphylococcus aureus* and prevents virulence gene expression. », *J. Antimicrob. Chemother.*, p. 559-568
- Monecke S, Engelmann I, Archambault M, Coleman DC, Coombs GW, Cortez de Jäckel S, Pelletier-Jacques G et al. (2012). « Distribution of SCCmec-associated phenol-soluble modulins in staphylococci. », *Mol Cell Probes*, p. 99-103
- Morin A, Brook JR, Duchaine C et Laprise C (2012). « Association study of genes associated to asthma in a specific environment, in an asthma familial collection located in a rural area influenced by different industries. », *International Journal of Environmental Research and Public Health*, vol. 9, no 8, p. 2620-2635
- Naghmouchi K, Hammami R, Fliss I, Teather R, Baah J et Drider D (2012). « Colistin A and colistin B among inhibitory substances of *Paenibacillus polymyxa* JB05-01-1. », *Arch Microbiol.*, p. 363-370
- Pakpour S, Milani AS, Chénier MR (2012). « A multiple-criteria decision-making approach for comparing sample preservation and DNA extraction methods from swine feces. », *American Journal of Molecular Biology*, vol. 2, no 2, p. 159-169
- Pakpour S et Chénier M (2012). « Frequency of antibiotic resistance in a swine facility 2.5 years after a ban on antibiotics. Pakpour S, Jabaji S, Chénier MR. », *Microb Ecol.*, vol. 63, no 1, p. 41-50
- Perry, M.B., O. Angen, L.L. MacLean, S. Lacouture, B. Kokotovic, M. Gottschalk. (2012). « An atypical biotype I *Actinobacillus pleuropneumoniae* serotype 13 is present in North America. », *Veterinary Microbiology*, vol. 156, p. 403-410
- Pissavin C, Burel C, Gabriel I, Beven V, Mallet S, Maurice R, Queguiner M, Lessire M et Fravallo P (2012). « Capillary electrophoresis single-strand conformation polymorphism for the monitoring of gastrointestinal microbiota of chicken flocks. », *Poult Sci.*, vol. 91, no 9, p. 2294-2304
- Provost C, Jia JJ, Music N, Lévesque C, Lebel MÈ, del Castillo JR, Jacques M, Gagnon CA. (2012). « Identification of a new cell line permissive to porcine reproductive and respiratory syndrome virus infection and replication which is phenotypically distinct from MARC-145 cell line. », *Viol J.*9:267
- Provost C, Jia JJ, Music N, Lévesque C, Lebel ME, Del Castillo J, Jacques M et Gagnon C (2012). « Identification of a new cell line permissive to porcine reproductive and respiratory syndrome virus infection and replication which is phenotypically distinct from MARC-145 cell line. », *Viol J*, vol. 9, p. 267
- Racicot M, Vaillancourt JP, Martineau GP et al. (2012). « Cómo mejorar la observancia? », *Suis*, p. 48-57
- Racicot M, Vaillancourt JP et Martineau GP (2012). « Los obstáculos de la observancia », *Suis*, p. 50-58
- Racicot M, Vaillancourt JP et Martineau GP (2012). « Definición y medida de la observancia », *Suis*, p. 42-47

- Racicot M, Venne D, Durivage A et Vaillancourt JP (2012). « Evaluation of strategies to enhance biosecurity compliance on poultry farms in Québec: effect of audits and cameras. », *Prev Vet Med.*, vol. 103, no 2-3, p. 208-218
- Racicot M, Venne D, Durivage A et Vaillancourt JP (2012). « Evaluation of the relationship between personality traits, experience, education and biosecurity de lecture compliance on poultry farms in Québec, Canada. », *Prev Vet Med.*, vol. 103, no 2-3, p. 201-207
- Sabbagh S, Lepage C, McClelland M et Daigle F (2012). « Selection of *Salmonella enterica* serovar Typhi genes involved during interaction with human macrophages by screening of a transposon mutant library. », *PLoS One*.
- Syed HC et Dubreuil D (2012). « *Escherichia coli* STb toxin induces apoptosis in intestinal epithelial cell lines. », *Microbial Pathogenesis*, vol. 53, no 3-4, p. 147-153
- Taillon C, Hancock M, Mourez M et Dubreuil D (2012). « Biochemical and biological characterization of *Escherichia coli* STb His (12) to Asn variant. », *Toxicon*, vol. 59, p. 300-305
- Tremblay CL, Letellier A, Quessy S, Daigneault D et Archambault M (2012). « Antibiotic-Resistant *Enterococcus faecalis* in Abattoir Pigs and Plasmid Colocalization and Cotransfer of tet(M) and erm(B) Genes. », *J Food Prot*, p. 1595-1602
- Tanabe SI, Desjardins J, Bergeron C, Gafner S, Villinski J et Grenier D (2012). « Reduction of bacterial volatile sulfur compound production by licoricidin and licorisoflavan A from licorice. », *J. Breath. Res.*
- Tremblay CL, Letellier A, Quessy S, Daigneault D et Archambault M (2012). « Antibiotic-Resistant *Enterococcus faecalis* in Abattoir Pigs and Plasmid Colocalization and Cotransfer of tet(M) and erm(B) Genes. », *Journal of Food Protection*, vol. 75, p. 1595-1602
- Trevors JT, Pollack GH, Saier MH Jr, Masson L. (2012). « Transformative research: definitions, approaches and consequences. », *Theory Biosci.*, vol. 131, no 2, p. 117-123
- Van Calsteren M, Gagnon F, Calzas C, Goyette-Desjardin G, Okura M, Takamatsu D, Gottschalk MG et Segura M (2012). « Structure determination of *Streptococcus suis* serotype 14 capsular polysaccharide. », *Biochemistry and Cell Biology*, vol. 91, p. 49-58
- Vuong NM, Villemur R, Payment P, Brousseau R, Topp E, Masson L. (2012). « Fecal source tracking in water using a mitochondrial DNA microarray. », *Water Res.*, vol. 47, no 1, p. 16-30
- Zhang Z, Chen D, Chen Y, Davies TM, Vaillancourt JP, Liu W. (2012). « Risk signals of an influenza pandemic caused by highly pathogenic avian influenza subtype H5N1: spatio-temporal perspectives. », *Vet J.*, vol. 192, no 3, p. 417-421
- Zhang F, Turgeon N, Toulouse MJ, Duchaine C et Li D (2012). « A simple and rapid fluorescent neuraminidase enzymatic assay on a microfluidic chip. », *Diagnostic Microbiology and Infectious Diseases*, vol. 74, no 3, p. 263-266
- Zheng, H., X. Luo, M. Segura, H. Sun, C. Ye, M. Gottschalk, J. Xu (2012). « The role of toll-like receptors in the pathogenesis of *Streptococcus suis*. », *Veterinary Microbiology*, vol. 156, p. 147-156

Publication dans des actes de colloque

- Charlebois A, Hélie P, Gagnon C, Gottschalk MG, Marois C, Kobish M et Archambault M (2012). « Antimicrobial susceptibilities and molecular typing of Canadian isolates of *Mycoplasma hyopneumoniae*. », dans 3rd ASM International Meeting on Antimicrobial Resistance in Zoonotic Bacteria and Foodborne Pathogens., Aix-en Provence, France

- Deslile B, Gagnon C, Lambert MÉ et D'Allaire S (2012). « Porcine reproductive and respiratory syndrome virus diversity of Eastern Canada swine herds in a large sequence dataset reveals two hypervariable regions under positive selection », dans 5e symposium du Centre de recherche en infectiologie, p. 25
- Gottschalk MG (2012). « Actinobacillus pleuropneumoniae : an old but still relevant swine pathogen in the XXI century". », dans International Pig Veterinary Society Congress, Jeju, South Korea
- Gottschalk MG (2012). « Actinobacillus pleuropneumoniae: todavía un patógeno de actualidad. », dans XLVII Congreso de la Asociación Mexicana de Veterinarios Especialistas en Cerdos, Guadalajara, Mexico
- Gottschalk MG (2012). « Nuevos avances en el diagnóstico y control de Actinobacillus pleuropneumoniae », dans Congreso Nacional de Producción Porcina, VI Congreso del Mercosur, Salta, Argentina
- Bergeron N, Daigle F, Letellier A et Quessy S (2012). « Characterization of plasmids from a Salmonella Typhimurium septicemic isolate not possessing the classical 95 kb virulence plasmid. », dans 5e Symposium du CRIP. St-Hyacinthe, Québec., p. 60
- Gottschalk MG (2012). « Detection/Interpretation of Actinobacillus pleuropneumoniae Antibodies. », dans Swine Disease Conference, Iowa State University, Iowa, United States, p. 125-132
- Lachance, C., M. Segura, P. P. Gerber, E. Bergman, S. Lacouture, J. G. Xu, M. Gottschalk (2012). « Type II interferon gamma is detrimental to the host in Streptococcus suis infections caused by an epidemic strain. », dans Journal of Immunology (Meeting Abstract Supplement) 164.6, 188, p. 188
- Larivière-Gauthier G, Letellier A, Kerouanton A, Fournaise S, Quessy S et Fravallo P (2012). « An investigation of Listeria monocytogenes in a Quebec pork cutting and slaughtering plant using RFLP-PFGE. », dans 5e Symposium du CRIP. St-Hyacinthe, Québec., p. 28
- Pelletier-Jacques G, Beaudry-Ferland M, Letellier A et Archambault M (2012). « Antimicrobial Resistance and Virulence Genes of Methicillin-Resistant Staphylococcus aureus from Abattoir Pigs and their Horizontal Transfer. », dans 3rd ASM International Meeting on Antimicrobial Resistance in Zoonotic Bacteria and Foodborne Pathogens., Aix-en Provence, France
- Segura M (2012). « Fisher scientific award lecture - the capsular polysaccharides of Group B Streptococcus and Streptococcus suis differently modulate bacterial interactions with dendritic cells. », dans Can J Microbiol., p. 249-260
- Surprenant C, Drolet R, Gottschalk MG et Daigneault J (2012). « More investigation on the role of Mycoplasma hyorhinis and other bacteria in repeated outbreaks of respiratory signs in nursery pigs », dans International Pig Veterinary Society Congress, Jeju, South Korea
- Thibodeau A, Fravallo P, Laurent-Lewandowski S, Guévremont É, Quessy S et Letellier A (2012). « Lack of correlation between Campylobacter jejuni in vitro phenotypic properties in field isolates. », dans 5e Symposium du CRIP. St-Hyacinthe, Québec, p. 29

Chapitre de livre/contribution à un ouvrage collectif

- Dubreuil D (2012). « Escherichia coli/Enterotoxigenic E. coli », dans Carl Batt and Mary-Lou Tortorello, Encyclopedia of food microbiology-2nd edition, Elsevier
- Fairbrother JM et Gyles C (2012). « Colibacillosis », dans Zimmerman JJ, Karriker LA, Ramirez A, Schwartz KJ, Stevenson GW, Diseases of Swine, 10th edition, Iowa State University Press. Ames, Iowa, USA., p. 723-749
- Gottschalk MG (2012). « Actinobacillosis », Diseases of Swine, Blackwell Publishing, Ames, Iowa, USA, p. 653-659

Gottschalk MG (2012). « Streptococcus », Diseases of Swine 10th edition, Blackwell Publishing, Ames, Iowa, USA, p. 841-855

Gottschalk MG, Fittipaldi N et Segura M (2012). « Streptococcus suis », Meningitis: cellular and molecular basis, CABI publishers

Stalder K, D'Allaire S, Drolet R et Abell C (2012). « Longevity in breeding animals », Diseases of Swine, 10th Edition, p. 50-59

Texte de vulgarisation

Fairbrother JM et Nadeau É (2012). « Prevtec Microbia: chez les tsars ou chez l'Oncle Sam ? », La Presse les affaires Publié 2012

Fairbrother JM et Nadeau É (2012). « Prevtec microbia est arrivé à bon porc. », Le Courrier de Saint-Hyacinthe, 29 novembre 2012 Publié 2012

Fairbrother JM et Nadeau É (2012). « Une opportunité ratée pour Prevtec microbia. », Le Courrier de Saint-Hyacinthe, 25 octobre 2012

Gottschalk MG (2012). « Actinobacillus pleuropneumoniae es un patógeno que continúa a de actualidad. », Albáitar, vol. 50, p. 134-159 Publié 2012

Gottschalk MG (2012). « Actinobacillus pleuropneumoniae : Todavía un patógeno de Actualidad. », Los Porcicultores su entorno, vol. 90, no Año 5, p. 8-21 Publié 2012

Gagnon C (2012). « L'influenzavirus et sa contreverse sur la possibilité de bioterroriste. », Nature. Entrevue téléphonique avec la journaliste madame Stéphanie Thibault du Centre canadien science et médias à 16h00 le 2 mai 2012.

Klopfenstein C et Mercier F (2012). « Influenza des porcs: Le virus Influenza atteint les finances. », Le Journal de Montréal Publié 2012

Lessard M et De Lange K (2012). « Une recherche soulève des questions sur l'influence de la nutrition sur la capacité des porcs à lutter contre les maladies », Farmscape (Sask Pork et du Manitoba Pork Council)., vol. Novembre

Letellier A et Quessy S (2012). « Laboratoire M2 vient tout juste d'obtenir un enregistrement de l'EPA américaine pour son désinfectant Thymox. L'enregistrement couvre différents marchés, comme les milieux hospitaliers, agricoles, industriels, institutionnels et domestiques. », Bulletin électronique de Laboratoire M2

Autre

Fairbrother JM et Nadeau É (2012). « Faut-il craindre l'E. coli ? », TV SRC (Le Téléjournal), 9 octobre 2012