

XUNDE LI
Scientific Publications

X. Li, E.R. Atwill, L.A. Dunbar, K. W. Tate. Effect of daily temperature fluctuation during the cool season on the infectivity of *Cryptosporidium parvum*. *Applied and Environmental Microbiology*, 2010, 76(4): 989-993.

C. Xiao, **X. Li**, W. Wang, R. Meng, Q. Meng, Z. Song, H. Liu, Y. Cai, Y. Luo, N. Wang, S. Wang. Development and application of an immuno-enrichment brush method for rapid detection of four species of pathogenic bacteria. *Chin. J. Health Lab. Tech.* 2009, 19(10A): 1-3, 5.

X. Li, R. Fayer, R. Palmer, J. Trout, C. Xiao. Strains of *Encephalitozoon cuniculi*, *Encephalitozoon intestinalis*, and *Encephalitozoon hellem* fail to experimentally infect food animals. *Chin J Vet Med.* 2009, 29(11): 1419-1423.

X. Li, E.R. Atwill. Viability of *Cryptosporidium parvum* oocysts post excystation and heat treatment assessed by nucleic acid stain and mouse infectivity. *Chin J Vet Med*, 2009, 29(10): 1274-1277, 1289

L. Li, **X. Li**, J. Yan. Alterations of concentrations of calcium and arachidonic acid and agglutinations of microfilaments in host cells during *Toxoplasma gondii* invasion. [Veterinary Parasitology](#). 2008, 157: 21-33.

McDougald, N.K., E.R. Atwill, K.W. Tate, **X. Li**, L. Hou, L. Dunbar, D. Dudley. Demonstration of rangeland vegetated buffers for reducing NPS pathogens, nutrients, and organic carbon into the tributaries of the Fresno and San Joaquin Rivers. CALFED and State Water Resource Control Board. 2008, June 4. pp 1-35.

X. Li, R. Fayer. Infectivity of Microsporidian Spores Exposed to Temperature Extremes and Chemical Disinfectants. *The Journal of Eukaryotic Microbiology*. 2006, 53(S1): S77-79.

Raccurt C.P., Brasseur P., Verdier R.I., **Li X.**, Eyma E., Pannier Stockman C., Agnamey P., Guyot K., Totet A., Liautaud B., Nevez G., Dei-Cas E., Pape J.W. Human cryptosporidiosis and *Cryptosporidium* spp. in Haiti (Cryptosporidiose humaine et espèces en cause en Haïti). *Tropical Medicine & International Health*. 2006, 11: 929-934.

[Li X](#), [Guyot K](#), [Dei-Cas E](#), [Mallard JP](#), [Ballet JJ](#), [Brasseur P](#). *Cryptosporidium* oocysts in mussels (*Mytilus edulis*) from Normandy (France). *International Journal of Food Microbiology*. 2006, 108:321-325.

X. Li, E.R. Atwill, L.A. Dunbar, T. Jones, J. Hook, K.W. Tate. . Seasonal temperature fluctuations induce rapid inactivation of *Cryptosporidium parvum*. [Environmental Science & Technology](#). 2005, 39: 4484-4489.

Li X., Brasseur P., Agnamey P., Ballet J.J., Clemenceau C. Time and temperature effects on the

viability and infectivity of *Cryptosporidium parvum* oocyst in chlorinated tap water. Archives of Environmental Health. 2004, 59: 462-466.

E.R. Atwill, R. Phillips, M.D. Pereira, **X. Li**, B. McCowan. Seasonal Shedding of Multiple *Cryptosporidium* Genotypes in California Ground Squirrels (*Spermophilus beecheyi*). Applied and Environmental Microbiology. 2004, 70: 6748–6752.

L. Hou, **X. Li**, L. Dunbar, R. Moeller, B. Palermo, and E. R. Atwill. Neonatal-Mouse Infectivity of intact *Cryptosporidium parvum* oocysts isolated after optimized in vitro excystation. Applied and Environmental Microbiology. 2004, 70: 642~646.

X. Li, K.W. Tate, L.A. Dunbar, B. Huang, E.R. Atwill. Efficiency for recovering *Encephalitozoon intestinalis* spores from waters by Centrifugation and Immunofluorescence Microscopy. The Journal of Eukaryotic Microbiology. 2003, 50: 579~580S.

R. Fayer, M. Santin, R. Palmer, **X. Li**. Detection of *Encephalitozoon hellem* in Feces of Experimentally Infected Chickens. The Journal of Eukaryotic Microbiology. 2003, 50: 574~575S.

X. Li, P. Brasseur, P. Agnamey, D. Leméteil, L. Favennec, J.J. Ballet, J.F. Rossignol. Long-lasting anticryptosporidial activity of nitazoxanide in an immunosuppressed rat model. Folia Parasitologica. 2003, 50:19~22.

Li X., Palmer, R., Trout, J.M., and Fayer, R. Infectivity of microsporidia spores stored in water at environmental temperatures. The Journal of Parasitology. 2003, 89: 185~188.

Li X., Brasseur P. Detection of *Cryptosporidium* oocysts from waters and viability assay. Chinese Journal of Applied and Environmental Biology 2003, 9:32~35.

X. Li, J. M. Trout, M.C. Jenkins, R. Palmer, and R. Fayer. Effects of Gamma Radiation on Viability of *Encephalitozoon* Spores. The Journal of Parasitology. 2002, 88:812~813.

Li X., R. Fayer, J. Trout, M. Jenkins, and R. Palmer. Effects of gamma irradiation on the survival of *Encephalitozoon intestinalis* spores. The Journal of Eukaryotic Microbiology. 2001, 49: 91S.

Delaunay, G. Gargala, **X. Li**, L. Favennec, J.J. Ballet. Quantitative flow cytometric evaluation of maximal *Cryptosporidium parvum* oocyst infectivity in a neonate mouse model. Applied and Environmental Microbiology. 2000, 66: 4315~4317.

G. Gargala, A. Delaunay, **X. Li**, P. Brasseur, L. Favennec, J.J. Ballet. Efficacy of nitazoxanide, tizoxanide and tizoxanide glucuronide against *Cryptosporidium parvum* development in sporozoite-infected HCT-8 enterocytic cells. The Journal of Antimicrobial Chemotherapy. 2000, 46: 57~60.

X. Li, P. Brasseur. A NMRI suckling mouse model for the evaluation of infectivity of

Cryptosporidium parvum oocysts. 2000. Chinese Journal of Parasitology and Parasitic Disease. 2000, 18: 94-96.