

The Paratuberculosis Newsletter

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DEADLINE FOR NEXT ISSUE: August 15, 2011.

All contributions should be sent to ssn@life.ku.dk

Søren Saxmose Nielsen
Editor

1. IAP Business

11ICP – Abstract deadline approaching



International Association for Paratuberculosis

11ICP in Sydney is getting closer. Please visit the 11ICP website (<http://www.icp2012.com.au/>) for details.

Notice that the deadline for submission of Abstracts is August 1, 2011. Abstract guidelines can be found here: <http://www.icp2012.com.au/abstracts.html>

Also notice that the end of the early rate for registration is December 1, 2011



THE UNIVERSITY OF
SYDNEY

IAP website: www.paratuberculosis.info

You may have noticed: The IAP website is now located at www.paratuberculosis.info instead at the previous www.paratuberculosis.org

We are still struggling to move all the contents from the old website to the new, and to make all facilities working properly to members. However, more and more of the functions are being moved, and we should hopefully soon have a fully operational site.

Some items are only accessible to members, e.g. IAP financial reports. You will have to log in to retrieve those. Do you not have your login and password? – please send me an e-mail and I will have it sent to you. You may have already received it, when our new webmaster Xavier Barata Teixidó sent you an e-mail on December 23, 2010.

Most items at the website are however, available to the public and thereby also to you without you needing to log in. This pertains to newsletters and other general information. In the future, payments for membership dues will also occur via www.paratuberculosis.info.

Please be patient with us while we try to solve the remaining challenges with the new site.

Søren Saxmose Nielsen

2. List of Recent Publications

- Aboagye G, Rowe MT, 2011. Occurrence of *Mycobacterium avium* subsp. *paratuberculosis* in raw water and water treatment operations for the production of potable water. *Water Res.* 45:3271-8.
- Allen AJ, Park KT, Barrington GM, Lahmers KK, Abdellrazeq GS, Rihan HM, Sreevatsan S, Davies C, Hamilton MJ, Davis WC, 2011. Experimental infection of a bovine model with human isolates of *Mycobacterium avium* subsp. *paratuberculosis*. *Vet Immunol Immunopathol.* 141:258-66.
- Barrett DJ, Mee JF, Mullowney P, Good M, McGrath G, Clegg T, More SJ, 2011. Risk factors associated with Johne's disease test status in dairy herds in Ireland. *Vet Rec.* 168:410.
- Bezos J, Alvarez J, Romero B, Aranaz A, Juan LD, 2011. Tuberculosis in goats: Assessment of current in vivo cell-mediated and antibody-based diagnostic assays. *Vet J.* 2011 Mar 7. [Epub ahead of print]
- Biet F, Gendt L, Anton E, Ballot E, Hugot JP, Johanet C, 2011. Serum antibodies to *Mycobacterium avium* subspecies *paratuberculosis* combined with anti-Saccharomyces cerevisiae antibodies in Crohn's Disease patients: Prevalence and diagnostic role. *Dig Dis Sci.* 56:1794-800.
- Borrmann E, Möbius P, Diller R, Köhler H, 2011. Divergent cytokine responses of macrophages to *Mycobacterium avium* subsp. *paratuberculosis* strains of Types II and III in a standardized in vitro model. *Vet Microbiol.* 2011 Apr 12. [Epub ahead of print]
- Chiodini RJ, Chamberlin WM, Pfaller S, 2011. What is *Mycobacterium avium* subsp. *paratuberculosis*? *Appl Environ Microbiol.* 77:1923-4; author reply 1923-4.
- Click RE, 2011. Successful treatment of asymptomatic or clinically terminal bovine *Mycobacterium avium* subspecies *paratuberculosis* infection (Johne's disease) with the bacterium *Dietzia* used as a probiotic alone or in combination with dexamethasone: Adaption to chronic human diarrheal diseases. *Virulence.* 2:131-43.
- Cossu D, Cocco E, Paccagnini D, Masala S, Ahmed N, Frau J, Marrosu MG, Sechi LA, 2011. Association of *Mycobacterium avium* subsp. *paratuberculosis* with Multiple Sclerosis in Sardinian patients. *PLoS One.* 6:e18482.
- Dennis MM, Reddacliff LA, Whittington RJ, 2011. Longitudinal study of clinicopathological features of Johne's Disease in sheep naturally exposed to *Mycobacterium avium* subspecies *paratuberculosis*. *Vet Pathol.* 48:565-75.
- Di Sabatino A, Paccagnini D, Vidali F, Rosu V, Biancheri P, Cossu A, Zanetti S, Corazza GR, Sechi LA, 2011. Detection of *Mycobacterium avium* subsp. *paratuberculosis* (MAP)-specific IS900 DNA and antibodies against MAP peptides and lysate in the blood of Crohn's disease patients. *Inflamm Bowel Dis.* 17:1254-5.
- Douarre PE, Cashman W, Buckley J, Coffey A, O'Mahony J, 2011. Molecular characterization of *Mycobacterium avium* subsp. *paratuberculosis* using multi-locus short sequence repeat (MLSSR) and mycobacterial interspersed repetitive units-variable number tandem repeat (MIRU-VNTR) typing methods. *Vet Microbiol.* 149:482-7.
- Eisenberg S, Nielen M, Hoeboer J, Bouman M, Heederik D, Koets A, 2011. *Mycobacterium avium* subspecies *paratuberculosis* in bioaerosols after depopulation and cleaning of two cattle barns. *Vet Rec.* 2011 May 24. [Epub ahead of print]
- Fernández-de-Mera IG, Jaroso R, Martín-Hernando MP, Queiros J, Carta T, Ortiz JA, Vicente J, Gortázar C, 2011. The testing season affects red deer skinfold increase in response to phytohaemagglutinin. *Prev Vet Med.* 100:79-83.

- Foddai A, Strain S, Whitlock RH, Elliott CT, Grant IR, 2011. Application of a peptide-mediated magnetic separation-phage assay for detection of viable *Mycobacterium avium* subsp. *paratuberculosis* to bovine bulk tank milk and feces samples. J Clin Microbiol. 49:2017-9.
- Gardner IA, Nielsen SS, Whittington RJ, Collins MT, Bakker D, Harris B, Sreevatsan S, Lombard JE, Sweeney R, Smith DR, Gavalchin J, Eda S, 2011. Consensus-based reporting standards for diagnostic test accuracy studies for paratuberculosis in ruminants. Prev Vet Med. 2011 May 20. [Epub ahead of print]
- Gill CO, Saucier L, Meadus WJ, 2011. *Mycobacterium avium* subsp. *paratuberculosis* in dairy products, meat, and drinking water. J Food Prot. 74:480-99.
- Hunnam JC, Wilson PR, Heuer C, Mackintosh CG, West DM, Clark RG, 2011. Histopathology of grossly normal mesenteric lymph nodes of New Zealand farmed red deer (*Cervus elaphus*) including identification of lipopigment. Vet Pathol. 48:525-9.
- Hyder K, Vidal-Diez A, Lawes J, Sayers AR, Milnes A, Hoinville L, Cook AJ, 2011. Use of spatiotemporal analysis of laboratory submission data to identify potential outbreaks of new or emerging diseases in cattle in Great Britain. BMC Vet Res. 7:14.
- Imirzalioglu C, Dahmen H, Hain T, Billion A, Kuenne C, Chakraborty T, Domann E, 2011. Highly specific and quick detection of *Mycobacterium avium* subsp. *paratuberculosis* in feces and gut tissue of cattle and humans by multiple real-time PCR assays. J Clin Microbiol. 49:1843-52.
- Juste RA, Perez V, 2011. Control of paratuberculosis in sheep and goats. Vet Clin North Am Food Anim Pract. 27:127-38.
- Kaur P, Filia G, Singh SV, Patil PK, Ravi Kumar GV, Sandhu KS, 2011. Molecular epidemiology of *Mycobacterium avium* subspecies *paratuberculosis*: IS900 PCR identification and IS1311 polymorphism analysis from ruminants in the Punjab region of India. Comp Immunol Microbiol Infect Dis. 34:163-9.
- Klanicova B, Slana I, Vondruskova H, Kaevska M, Pavlik I, 2011. Real-time quantitative PCR detection of *Mycobacterium avium* subspecies in meat products. J Food Prot. 74:636-40.
- Kralik P, Slana I, Kralova A, Babak V, Whitlock RH, Pavlik I, 2011. Development of a predictive model for detection of *Mycobacterium avium* subsp. *paratuberculosis* in faeces by quantitative real time PCR. Vet Microbiol. 149:133-8.
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- Marcé C, Ezanno P, Seegers H, Pfeiffer DU, Fourichon C, 2011. Within-herd contact structure and transmission of *Mycobacterium avium* subspecies *paratuberculosis* in a persistently infected dairy cattle herd. Prev Vet Med. 100:116-25.
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- Pant SD, Verschoor CP, Skelding AM, Schenkel FS, You Q, Biggar GA, Kelton DF, Karrow NA, 2011. Bovine IFNGR2, IL12RB1, IL12RB2, and IL23R polymorphisms and MAP infection status. Mamm Genome. 2011 May 20. [Epub ahead of print]
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- Pribylova R, Slana I, Kaevska M, Lamka J, Babak V, Jandak J, Pavlik I, 2011. Soil and plant contamination with *Mycobacterium avium* subsp. *paratuberculosis* after exposure to naturally contaminated mouflon feces. Curr Microbiol. 62:1405-10.

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- Rath T, Roderfeld M, Blöcher S, Rhode A, Basler T, Akineden O, Abdulmawjood A, Halwe JM, Goethe R, Bülte M, Roeb E, 2011. Presence of intestinal *Mycobacterium avium* subspecies *paratuberculosis* (MAP) DNA is not associated with altered MMP expression in ulcerative colitis. *BMC Gastroenterol.* 11:34.
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- Wang C, Turnbull BW, Nielsen SS, Gröhn YT, 2011. Bayesian analysis of longitudinal Johne's disease diagnostic data without a gold standard test. *J Dairy Sci.* 94:2320-8.
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