

# THE PARATUBERCULOSIS NEWSLETTER

An Official Publication of the  
INTERNATIONAL ASSOCIATION for PARATUBERCULOSIS and Other Intestinal  
Mycobacterioses



Greetings to all IAP members and the many attendees of the 9th Colloquium held in Tsukuba, Japan!

## A. Another outstanding International Colloquium

In keeping with the Japanese tradition of hospitality, visitors to Tsukuba this October were provided with an interesting and entertaining meeting at a comfortable venue. While a few of us may have been blown into town by a welcoming typhoon, very soon out came the sun, the sushi (and the sake). Everyone enjoyed the excellent scientific sessions and the opportunity to meet (in some cases for the first time) our colleagues from throughout Asia. The excursion to Tokyo was fantastic and enjoyed by many. *Duomo arigatoo gozaimashita* to Dr. Momotani, Dr. Nishimori and the local committee for their many efforts on everyone's behalf in organizing this successful Colloquium.



## B. Mark your datebooks! The next Colloquia:



2009, *Minnesota*. In the general meeting of IAP of the 9<sup>th</sup> ICP, the membership endorsed the proposal of co-hosts University of Minnesota and the National Animal Diseases Center (Ames, Iowa) to hold the 10<sup>th</sup> ICP in Minneapolis, Minnesota in 2009. (The exact date has not yet been set but is likely to be late summer/early fall). This charming city is easily accessible (its airport is a major airline hub) and the meeting will offer a wide variety of activities and accommodations for attendees. Take a look: <http://www.minneapolis.org/thingstodo/> (at bottom of the webpage access to the site is available in English, Swedish, Norwegian, German, Spanish, French and Japanese)



2011, *Sydney*. And then it's back to the Australia in 2011 thanks to the hospitality of the Harbour City's University. <http://www.sydneyaustralia.com/en/>

**C. Thanks and praise to Mike Collins for his years of superlative service as President of the IAP.**

It is difficult to measure all that has been accomplished under Dr. Collins' exceptional guidance of the IAP. His continuous efforts and inspiration have sparked new programs for the organization (Helping Hands for example) and opened the study of mycobacterioses to new techniques, new disciplines and new investigators. The phrase "those that can't do, teach" would never apply to Mike. He leads by example whether in training, education, or outreach and his productivity is unmatched. While Mike has now formally transferred the gavel to the new IAP President Dr. Ramón Juste, the organization will of course continue to benefit from Mike's insights, energy and contributions in understanding "our pet bug" as he calls it. As he says: "Since the first recognition of paratuberculosis as a disease entity approximately 100 years ago, the infection has emerged as a common and troublesome disease of multiple animal species. It will likely take almost that long to get it under control, and it will take global efforts. The open question of whether *M. paratuberculosis* is zoonotic looms large for animal agriculture. The answer to this question will affect how actively, and by what methods, veterinarians in cooperation with animal agriculture work to control this infectious disease. The answer to this question will also affect whether animal agriculture must bear the brunt of the costs to battle this disease or whether society at large should contribute to addressing it as well. The IAP should be the venue for scientific resolution, or at the least meaningful discussion and analysis, of the zoonosis question."



**D. Current IAP officers:**



**President** Ramón A. Juste received his DVM/PhD from University of Zaragoza. His extensive experience includes time in diagnostic labs at the University of Nebraska, USA and Texas A & M University, USA. He has been involved in more than 30 research projects funded by Spanish or European agencies and he was the primary host and organizer of the wonderful 7<sup>th</sup> ICP held in Bilbao, Spain in 2002. He is the head of the Department of Animal Health, Instituto Vasco de Investigación y Desarrollo Agrario (NEIKER).



**Vice-President** Dr. Ivo Pavlik completed postgraduate studies of epidemiology and zoohygiene at the University of Veterinary Medicine in Brno, Czech Republic. He has worked at the Veterinary Research Institute in Brno since 1986 and has been the head of the Collaborating Centre of the State Veterinary Administration of the Czech Republic for Animal Tuberculosis, Paratuberculosis and Other Mycobacterioses since 1996. Since 2002 Dr. Pavlik has been the Head of the OIE Reference Laboratory for Paratuberculosis in Brno.



**Secretary** Dr. Ray Sweeney is a 1982 graduate of the University of Pennsylvania School of Veterinary Medicine and currently serves as Professor of Medicine and Chief of the Section of Large Animal Medicine at Penn. His research interest area is infectious diseases, with a special emphasis on paratuberculosis. Dr. Sweeney has published studies on transmission, diagnostic tests, immune response to vaccination, and experimental models of

bovine paratuberculosis.



**Editor-in-Chief** Dr. Søren Saxmose Nielsen grew up on a heavily paratuberculosis-infected Danish dairy farm and treated many clinically ill cows with the main "cure" of the time (chalk and oak bark) "sadly, with little success." He obtained his veterinary degree from The Royal Veterinary and Agricultural University, Frederiksberg, Denmark. Inspired by Professor Bernhard Bang's pioneering work on management of bovine tuberculosis using imperfect diagnostic tests, Søren's research focuses on infection management solutions that farmers find acceptable and increasing communication among farmers and researchers.

For those of us fortunate enough to have attended the 8<sup>th</sup> Colloquium in Copenhagen, you will remember Søren for his effective management of the Scientific Committee. He hopes that the IAP membership will continually supply him with articles and opinion pieces to be shared in the Newsletter.

The current IAP Board of Directors are:

Kennedy, Dr. David J.	Australia	AusVet Animal Health Services Pty Ltd
Mutharia, Dr. Lucy M.	Canada	University of Guelph
Jungersen, Dr. Gregers	Denmark	National Veterinary Institute
Arrigoni, Dr. Norma	Italy	Istituto Zooprofilattico Sperimentale
Momotani, Dr. Elichi	Japan	National Institute of Animal Health
Rutten, Dr. Victor P.	Netherlands	Utrecht University
Stevenson, Dr. Karen	United Kingdom	Moredun Research Institute
Garrido, Dr. Joseba	Spain	NEIKER
Stabel, Dr. Judy R.	USA	USDA: Agriculture Research Service
Roussel, Dr. Allen J.	USA	Texas A&M University

### **E. IAP website**

Take a moment and log on to your IAP page at <http://members.paratuberculosis.org/>. You can easily add a picture, update the link to your work website, and check on your dues status among other things. (Take a look at my page for just one example of how it might look: <http://new.paratuberculosis.org/members/manning.htm>) Access to IAP publications is provided (full electronic text is free to members) and will soon include the Proceedings of the 9<sup>th</sup> Colloquium. Plans are underway to include a calendar with events of interest to the membership as well as other useful features.

If you have forgotten your password, try <http://members.paratuberculosis.org/forgot/> and if you are a current member current of IAP it will be sent to you when you enter your email address. Feel free to contact our webmaster Alan Kennedy about any technical questions you might have with the site <http://www.paratuberculosis.org/contact/webmaster>.

### **F. Other Web links**

JDIP is an acronym for *Johne's Disease Integrated Program*, a comprehensive consortium of scientists whose mission is to promote animal biosecurity through the development and support

of projects that are designed specifically to enhance knowledge, promote education, develop real-world solutions and mitigate losses associated with Johne's disease. <http://www.idip.org/>

[OIE - International Manual of Diagnostic Tests and Vaccines](#) The OIE is the main international organization concerned with infectious diseases of animals. [http://www.oie.int/eng/normes/mmanual/a\\_00045.htm](http://www.oie.int/eng/normes/mmanual/a_00045.htm)

[Animal Health Service of The Netherlands](#) This site describes the basics of Johne's disease for Dutch visitors to the site. <http://www.gddeventer.com/>

[Johne's Information Centre - Animal Health Australia](#) Animal Health Australia has the most well developed national Johne's disease program of any country. This site describes their programs, called Market Assurance Programs (MAP), for cattle and sheep. [http://www.animalhealthaustralia.com.au/programs/jd/jd\\_home.cfm](http://www.animalhealthaustralia.com.au/programs/jd/jd_home.cfm)

The Crohn's and Colitis Foundation of America is a non-profit, volunteer-driven organization dedicated to finding the cure for Crohn's disease and ulcerative colitis. <http://www.ccfa.org/>

[Tuberculosis Y Paratuberculosis](#) Facultad de Veterinaria. Universidad de León Information about tuberculosis and paratuberculosis (Johne's disease) in ruminants. Prepared by veterinary pathology faculty in Spain. <http://www.prodivesa.com/selab1.htm>

[Canadian Animal Health Network](#) CAHNet is a national lattice of federal and provincial disease surveillance networks. It is administered by a support group of 4-5 federal epidemiologists and policy analysts. <http://www.cahnet.org/>

List of veterinary schools throughout the world: <http://netvet.wustl.edu/vschool.htm>

## **G. 2007 Publications**

Speaking of our active membership, see below for a collection of articles produced by many of our colleagues in the last year (gathered from PubMed <http://www.ncbi.nlm.nih.gov/> and sorted by author; try using the Adobe Acrobat search function for key words in this document of interest to you):

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Bach H, Sun J, Hmama Z, Av-Gay Y. *Mycobacterium avium* subsp. paratuberculosis PtpA is an endogenous tyrosine phosphatase secreted during infection. *Infect Immun*. 2006 Dec;74(12):6540-6. Epub 2006 Sep 18. PMID: 16982836 [PubMed - indexed for MEDLINE]

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