Note from the Editor
I would like to thank Ramon Juste for his tribute to Marie Françoise Thorel, one of the founding members of the IAP, who passed away recently.

The wheels are well in motion for the next ICP with abstract submissions now open. Make sure you get them in on time!

Kumi de Silva

IAP business

Abstract submission for the 14th ICP is now open!

http://14thicp.mx/

Confirmed Speakers

Ramon A. Juste
Servicio Regional de Investigación y Desarrollo

Rodrick J. Chiodini
Montana State University

Claus D. Buergelt
University of Florida

Jeroen De Buck
University of Calgary

Dr. Richard Whittington
The University of Sydney

Important Dates

Abstract submission deadline November 15th 2017

Early bird registration ends 2 March 2018

Sessions

Diagnostics, Immunology and Host Response
Control Programs and Epidemiology

Pathogenomics and MAP Biology
Public Health and MAP environment
Tribute to Marie Françoise Thorel

A few days ago, our fellow member Dr. Laura Boschiroli informed us that Dr. Marie Françoise Thorel passed away on the 4th of July. This news hit hard on me since I had a special appreciation for her.

After reading some of her papers in 1982 to assemble information on how to manage the first fully recognized case of bovine paratuberculosis in Spain, I learned that half a dozen of fecal samples from that case had been sent to France by the farmers who wanted to confirm the diagnosis, since the farmer had contacts in France where she had bought her Limousin selected cattle and there was no laboratory in Spain offering that service. Supported by a colleague with some veterinary contacts in France, I undertook my first scientific journey outside Spain driving from Bilbao to Paris and showing up in Marie's laboratory one Monday of June 1984 without any previous warning. She kindly received us and gave all explanations on how she had processed the samples and what was her view of the case. I must say that, at that time, I could not speak any English, and had just a few notions of mainly theoretical French from high school. Her patience was infinite in front of a babbling young unknown with some aggressive questions on paratuberculosis.

My next contact with Marie Françoise was in an European Community meeting a few years later when I already could handle some English, but still was easier for me to talk in my broken French. Marie was the younger of the old European paratuberculosis scientific authorities that attended that meeting. The others were the Dane Jorgen Jorgensen and the Scottish Neil Gilmour. Dr. Jorgensen developed the first paratuberculosis ELISA, did several studies on MAP in farms and ran important projects on vaccination in cattle, and still accepted an invitation to come to Bilbao one year later, shortly before his death. Dr Gilmour had run a series of experimental work in sheep that laid the grounds of Johne's disease pathogenesis and vaccine protection but whom I met never again.

After that, there was the Paris meeting where I had only brief contact with her. Then the IAP was founded and we kept periodic contact at the colloquia until she retired. It was in 2005 when, after my nomination, she was granted the second IAP Emeritus award at the Copenhagen colloquium. It was the last meeting she attended. I still had a last brief contact with her when an EU research project meeting was convened at Maisons-Alfort. Then she was in contact with Laura and I learned she was caring for her ill father, but still staying in contact with her former laboratory for some social activities. It was not possible to contact her for the Nantes meeting in spite of efforts by Laura to do so.
Marie retired in 2003 from her post at the Maisons-Alfort AFSSA laboratory after a long career (30 years) in the paratuberculosis research field, being one of the participants in the mythic first International Colloquium on Paratuberculosis held in Ames, Iowa in 1983. She was the organizer of the second Colloquium in Paris in 1988 from which the International Association for Paratuberculosis started. She also was a co-founder of the IAP and Director representing France for several years.

She wrote over 90 scientific papers on paratuberculosis that date back to the first reports on the bacteriological characterization of *Mycobacterium avium* subsp. *paratuberculosis*, as well as many articles on the isolation and culture of these bacteria. Her most important contribution was, probably, the numerical taxonomy study that, following a description of Map to the *M. avium* species by Finn Saxegaard, the first Emeritus award recipient, established the relevant differences that prompted its classification as a subspecies.

She has also written highly relevant reference works on the diagnosis of paratuberculosis like the French reference protocol for Map isolation, and the OIE Manual section on paratuberculosis. She has taken part in different advisory committees like the European Commission *ad hoc* committee on possible links between Crohn’s disease and paratuberculosis.

Dr. Thorel finished her professional career as Senior Research Officer and Deputy Director of the AFSSA at Maisons-Alfort (France), where she also was Head of the National Reference Centre for Mycobacteria, Head of the National and OIE Reference for Bovine Tuberculosis and Paratuberculosis, and Head of the FAO Collaborating Centre on Mycobacteria.

Marie Fraçoise was a figure that made a notable imprint in Science. The paratuberculosis community has lost one more of its founding parents.

Rest in peace.

Ramon Juste

---

**Ireland launches Johne’s disease eradication program**

The decline in milk prices globally has meant that dairy producers are looking for alternate products and infant milk formula is becoming big business globally. On-line prices for Australian brands of infant formula are almost double the retail price and some dairy processors are actively looking to get into the game.

Recent reports of MAP in infant formula suggest the need to keep this pathogen out of the food chain. Ireland which produces about 10% of the global infant milk formula supply is taking this seriously. Their dairy industry has launched an ambitious program for disease eradication.
Canine paratuberculosis

The Journal of the South African Veterinary Association has recently published a case report describing clinical paratuberculosis in a dog. The 2-year old dachshund was lethargic, had reduced appetite and an abnormal gait. Ultrasound and histological investigations revealed that the animal had granulomatous inflammation consistent with mycobacterial infection. Antibiotic treatment did not improve its condition. Lesions in the spleen and severe granulomatous enteritis were found at necropsy. Importantly, acid-fast filamentous bacteria were found within macrophage and Langerhans cells in the ileum, spleen and kidneys.

Although unconfirmed, it is suggested that this dog is likely to have been exposed to MAP via ingestion of faeces from an area which had been known to have sheep with paratuberculosis.

Upcoming events

- The 14th ICP will be held in Cancun, Mexico from June 4-8 2018

- The 15th ICP will be held Dublin, Ireland in 2020
The first African Society for Paratuberculosis meeting will be held at the Animal Reproduction Research Institute, Giza, Egypt, March 5-7, 2018. This organization which was formed in February 2017 will serve as a platform for cooperation, to share and to knowledge, experiences, materials on Paratuberculosis among African Researchers and stakeholders on Paratuberculosis control.

The 30th World Buiatrics Congress will be held in Sapporo, Japan from 28 Aug – 1 Sept 2018. The Scientific program will cover issues on cattle health and reproduction. Topics will include a wide range of production diseases, major infectious diseases, calves and new-born diseases, tropical epidemiology, public health and food security and other animal health and management problems.

The 6th European Veterinary Immunology Workshop (EVIW) will be held from 5-7 September 2018 in Utrecht, the Netherlands. Plenary and concurrent session topics include: Innate immunity, Adaptive immunity, Infection and immunity, Vaccination, Clinical immunology, Allergy, Mucosal immunology and the microbiome in relation to immune responses.

Recent publications

Albarrak SM, Waters WR, Stabel JR, Hostetter JM. 2017. WC1+ gammadelta T cells from cattle naturally infected with Mycobacterium avium subsp. paratuberculosis respond differentially to stimulation with PPD-J. Vet Immunol Immunopathol 190:57-64.


Deadline for next issue: 15 November 2017

All contributions should be sent to editor@paratuberculosis.net

Board Members

President: Ramon Juste
Vice-President: Eiichi Momotani

Secretary and Treasurer: Ray Sweeney
Editor: Kumudika de Silva

Richard Whittington (Australia)
Jeroen DeBuck (Canada)
Gregers Jungersen (Denmark)
Christine Fourichon (France)
Heike Koehler (Germany)
Shoorvir Singh (India)
Peter Mullowney (Ireland)

Norma Arrigoni (Italy)
Victor Rutten (Netherlands)
Frank Griffin (New Zealand)
Joseba Garrido (Spain)
Karen Stevenson (United Kingdom)
Judy Stabel (United States)
Mike Collins (United States)