

June 2014
Volume 7, Issue 1

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Workshop 2014

Annual Meeting in Oviedo,
June 26-27, 2014

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ECBHM Resident Workshop 2014 Parasitology, April 28-30, Bologna, Italy



This year the college residents enjoyed a chance to meet up at Ozzano Emilia, Bologna, Italy. A record number of 37 residents attended the 3 day meeting, tempted by the promise of interesting presentations, sunny Italian countryside and good wine, some of which was achieved.

The theme of the workshop was parasitology, and we were grateful to Laura Kramer from our sister European College of Veterinary Parasitology who helped to organise a program of expert speakers and practical sessions.

Topics covered in theory included a revision and update on common conditions encountered by us all including Neosporosis and Eimeriosis. Laura Kramer gave a clear overview of the pathogenesis of Eimeria species, highlighting the importance of the lifecycle when aiming for a diagnosis, and also consideration of species differentiation at diagnosis with regards to pathogenicity. The impact of the non pathogenic species led to some interesting discussions, as did the options for management including the potential use of metaphylactic treatments. Gereon Shares reminded us of the mechanisms of action of Neospora pathogens, including the importance of the intermediate host and the impact of vertical transmission. Gabriela Knubben-Schweizer presented fasciolosis, highlighting the high prevalence in European countries. Working through case studies on methods of control showed us the importance of targeted diagnosis using serology and faecal analysis, and how searching for *Galba truncatula* habitats on the pasture can be a useful part of management.

Besnoitiosis is a condition many of us had not encountered. Gereon Shares introduced the pathogenesis and the work his group had been involved in regarding diagnosis and epidemiology, highlighting the difficulties in eradication of the disease and areas of the pathogenesis where knowledge is still lacking. As this condition is also present in Northern Italy, Arcangelo was able to show us a Limousin cow presented to the hospital with a chronic form of the disease.

The second day of the workshop involved a trip up the picturesque winding roads of the hills of Bologna to the village of Sassoleone. We were warmly greeted by the village mayor, and enjoyed their hospitality. The sun even came out for long enough for us to enjoy an ice cream. The residents led the morning session with presentations from their work, these ranged from a large epidemiological study of interservice intervals from John Remnant, to a case study of levamisole intoxication that Kristina Mueller had been involved in. The variety of work carried out by the residents was clear, and as many of those presenting will sit the examinations this year, residents embarking on their training could see the sort of projects that are undertaken as part of the program.

Another speaker of the day was Menno Holzhauser who presented the increasing issue of Lungworm affecting the adults of dairy herds, with two case examples. In a further presentation the economic impact of this disease and options for control were also covered. We were grateful to Merial for sponsoring the day, and to David Homer who could speak first hand of the issues anthelmintic resistance has caused in Australia and New Zealand. The problem of resistance is well documented, but he pointed out the issues in getting the facts across to producers, and subsequently was able to give us some clear underlying aims for anthelmintic resistance prevention, including the use of highly effective products, the importance of diagnosis and hence treatment when it is required, and also the dilution effect of refugia, including practical techniques to achieve this.

A trip up to two cow-calf operations gave us the chance to get a feel for the Italian farming systems, with Romagnola and Chianina cattle, and some very rough terrain. We were also able to sample some delicious Italian cuisine along the way. Further practical sessions on the final day introduced new techniques for helminth diagnosis, using the Flotac and mini Flotac systems. Laura Rinaldi gave us an overview of the vast Europe wide "Gloworm" project, which has identified the challenges faced and made great progress in many aspects of parasite diagnosis and control across the continent. We then had the chance to learn to use the equipment developed by her group, designed to provide simple but effective diagnosis of a range of parasite problems. In another practical session we had the chance to learn about Echinococcosis and to see organs with parasitic cysts. The resident's workshop certainly provides great practical education for the residents of the college, we also benefit from a chance to meet and hear about the work others are doing, and to appreciate the differences between our countries professions. It is also a chance to build contacts, with the possibility of externships, discuss our project work, and receive guidance on aspects of the credentials required, and to meet members of the college board. We are grateful to Arcangelo Gentile and his team at Ozzano Emilia for their generous hospitality, and a chance to experience the work of specialists in this area of Europe.

For the residents: Sarah Wood and Christina Müller

Dates for your Diary:

Anembe with ECBHM AGM
Oviedo, Spain
June 26-27, 2014

World Buiatrics Congress
Cairns, Australia
July 27-August 1, 2014



ASOCIACIÓN NACIONAL DE ESPECIALISTAS
EN MEDICINA BOVINA DE ESPAÑA



JOIN US AT THE ANEMBE MEETING IN OVIEDO LATER THIS MONTH!

The Spanish Association for Bovine Medicine has invited ECBHM to participate to its conference this year in Oviedo and will host the **ECBHM AGM on Thursday, June 26 at 18h**

For more information about the conference visit: <http://www.anembe.com>

The reports of ECBHM officers will be available to the Diplomates on <http://www.ecbhm.org> in the reserved area a week prior to the AGM.

4 ECBHM webinars took place since the last AGM

- October 9, 2013: Dr Kerstin Wernike
Schmallenberg virus infection
- December 11, 2013: Dr. Nigel Cook
No more lame excuses - 6 step to prevent sore feet
- February 19, 2014: Dr Raphael Guatteo, Dr Gerrit Hooijer
Admission to the certifying examination
- March 20, 2014: Dr Sébastien Buczinski, St-Hyacinthe, Québec
Ultrasonography for the diagnosis of bovine cardiorespiratory disease



All presentations are available on <http://www.ecbhm.org> in the reserved area

We are on the web!
See us at:
<http://www.ecbhm.org>

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ECBHM was represented by its president, vice-president and past-president at the EBVS AGM in Brussels, April 11-12, and at the ACVIM Forum in Nashville, TN, June 4-7, 2014



EBVS AGM in Brussels



With Allen Roussel, president of the ACVIM Large Animal Specialty in Nashville

More details in Oviedo and on our homepage www.ecbhm.org

Read the EBVS Newsletters on <http://www.ebvs.org/index.php/news-35>

Upcoming Conference

World Buiatrics Congress, Cairns, Australia, July 27 – August 1, 2014
with several ECBHM Diplomates as keynote speakers

For more information: <http://wbc2014.com/>