

An aerial photograph of the Grand Hotel Baia Verde, a large resort complex with multiple buildings, a swimming pool, and a tennis court, situated on a rocky coastline overlooking the sea.

The 8th Edition of MRI in Veterinary Medicine!

Sicily - Italy
May 13th-14th, 2016

Grand Hotel Baia Verde
Via A. Musco, 8/10 - Acicastello (CT)



Organizing Secretariat E.V.

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WELCOME AND INTRODUCTION

The 8th Edition of “MRI in Veterinary Medicine” will be focused for the first time on Small Animal MRI applications, leaving room for a second conference on Equine MRI that will be organized in the second half of the year.

The rich scientific program is a blend of clinical science, technology and practical guidelines on the best techniques in order to improve your study protocols, optimize sequence parameters and patient positioning.

Moreover, this year we have extended the case lab session, where clinical studies will be presented and you will be able to interact directly with international experienced neurologists and radiologists.

Esaote has chosen a romantic small village in Sicily, for this year meeting, where the famous novelist Giovanni Verga wrote the great opera “I Malavoglia”, the heart wrenching story of a Sicilian family fisherman.

A meeting experience you don’t want to miss... see you in Sicily!!!

Erminio Bassi

Esaote - Product Manager Marketing Vet MRI

SPEAKERS



MASSIMO BARONI

DVM, Dipl ECVN

Degree in Veterinary Medicine with Honours in 1987. From 1993 to 1995 attended a non Conforming Residency Program in Neurology at the University of Berne, institute of Animal Neurology, and

obtained the Diplomate status in Veterinary Neurology (ECVN) in Liege (Belgium) in September 1995. Presently he is responsible for the Neurology referral service at Valdinievole Veterinary Clinic, Pistoia, Italy. Past-president of the European Society of Veterinary Neurology (ESVN), President of the Italian Society of Veterinary Neurology (SINVET). Past President of The Italian Society for Companion Animal (SCIVAC).

Author of publications concerning small animal neurology, he presented more than one hundred neurology lectures at national and international meetings. Special interests: Advanced Neuroimaging, Neurosurgery.

In the same year she passed the state exam and came back to Genova, where she was born, and she started to work as a general practitioner at Dr. Costa, Dr. Spallarossa, Dr. Ghiani and Dr. Pastorini Clinic. The passion for MRI pushed her further in the diagnostic imaging path and in September 2009 she moved to Sasso Marconi where she started a training under the supervision of Dr. Federica Rossi ECVDI. In January 2010 she moved to England where she completed a four months training at the diagnostic imaging department of the Animal Health Trust with Dr. Ruth Dennis ECVDI and her team. In July 2010 she met Dr. Martin Konar ECVDI who offered her the opportunity to start a collaboration in Italy at the Ospedale Veterinario San Michele (Lodi) where she worked for three years under his supervision. In the end of 2012 she moved to Davis, California, to attend a stage in diagnostic imaging. When she came back to Italy she started to work as MRI consultant for Esaote both in Europe and USA. In May 2013 she moved to Rome and she started to work at Clinica Veterinaria Roma Sud with Dr. Daniele Corlazzoli ECVN as radiologist specialized in MRI and CT.



CHIARA BRIOLA

DVM

Dr. Briola graduated in Veterinary Medicine at University of Parma in November 2008 with an experimental thesis about Magnetic Resonance Imaging of brain tumors that was the result of a one year collaboration with Dr. Massimo Baroni ECVN.



CRISTIAN FALZONE

DVM, MRCVS, Dipl ECVN

Cristian graduated in 2001 from the Veterinary School of Perugia, Italy. He worked as a general practitioner in private practices and within the surgery department of Perugia Veterinary School, until 2003. From



2004 to 2007 he completed a residency in Neurology and Neurosurgery in Valdinievole Veterinary Clinic-Italy. He spent most of the 2006 abroad in continuing education. In September 2007 Cristian was awarded the Diploma of the European College of Veterinary Neurology. He remained at Valdinievole until the beginning of 2010 and he then joined Davies Veterinary Specialists till the beginning of 2012. At the moment he's working at the Small Animal Diagnostics in Zugliano (VI) as a clinical neurologist and neurosurgeon.

He is author of national and international papers; he is the secretary of the Italian Society of Veterinary Neurology and a member of the European Society of Veterinary Neurology (SINvet and ESVN respectively) since 2004. His professional fields of interest are spinal surgery and neuro-imaging with particular emphasis on MRI.



MICHAEL E. HERRTAGE

BVSc, DVSc, DVR, DVD, DSAM, MRCVS, Dipl ECVIM, Dipl ECVI

Mike Herrtage graduated from the Liverpool University and is currently Professor of Small Animal Medicine at the University of Cambridge and a Fellow of St. Edmund's College, Cambridge. He is Dean of the Cambridge Veterinary School and is in charge of the small animal medicine and diagnostic imaging services at the Queen's Veterinary School Hospital. His clinical responsibilities include all aspects of small animal medicine and diagnostic imaging, but he has a particular interest in endocrine and metabolic disorders.

He was awarded the British Small Animal Veterinary Association (B.S.A.V.A.) Woodrow Award in 1986 for outstanding contributions in the field of small animal veterinary medicine and the B.S.A.V.A. Blaine Award for outstanding contributions to the advancement of small animal medicine in 2000. In 2014, he was awarded the World Small Animal Veterinary Association International Award for Scientific Achievement for outstanding contributions by a veterinarian, who has had a significant impact on the advancement of knowledge concerning the cause, detection, cure and/or control of disorders of companion animals.

He has been President of the British Veterinary Radiology Association, President of the British Small Animal Veterinary Association, President of the European Society of Veterinary Internal Medicine and President of the European Board of Veterinary Specialisation. He is a Diplomate of both the European College of Veterinary Internal Medicine and of the European College of Veterinary Diagnostic Imaging and was until recently President of the European College of Veterinary Internal Medicine.

He has spoken at many international meetings and published over 200 articles in refereed journals.



KONRAD JURINA

DVM, Dipl ECVN

Diplomate European College of Veterinary Neurology Fachtierarzt für Kleintiere. Dr. Konrad Jurina qualified from the Free University of Berlin in 1991.

He worked as an university assistant at the Small Animal Clinic of Berlin and finished his thesis on a neurosurgical and radiological topic. In 1995 he went to the Small Animal Clinic of the University of Leipzig, where he was responsible for neurology and neurosurgery, as well as teaching. In 2000 he became the head of the MRI unit. Since 2003 he is co-owner of the "Tierklinik Haar", a small animal second opinion clinic close to Munich.

His focus is on neurology and neurosurgery as well as advanced imaging techniques. He is responsible for the mri and ct.

Member of the following scientific organisations:

- "Veterinary Neurosurgical Society"
- "Veterinary CT and MRI Society"
- "European Congress of Radiology (ECR)"

Expert for the section on "Neurology" im "Fachforum Kleintiere der Fachgruppe Kleintierkrankheiten der DVG".

Co-author of the textbooks "Atlas und Lehrbuch der Kleintierneurologie" and "Die idiopathische Epilepsie des Hundes".

Lecturer on international and national congresses.



MARTIN KONAR

DVM, Dipl ECVI

Study of Veterinary Medicine in Vienna

1997-2003 University assistant (main responsibility MRI) at the Radiology Clinic, University of Veterinary Medicine in Vienna.

2003 to 2008 responsible for MRI at the Department for Clinical Radiology, Vetsuisse Faculty University of Berne. 2007 Diploma of European College of Veterinary Radiology. 2009 Radiologist at the Ospedale Veterinario San Michele, Tavazzano (Lodi).

Since 2009 Teleradiology and MR Support Service for several Veterinary Clinics in Europe.



BUNITA EICHELBERGER

DVM, MS, Dipl ACVR, Clinical Assistant Professor of Radiology, Tucson - Arizona (USA)

EDUCATION: Masters of Science, Radiological Health Sciences - Colorado State University, Fort Collins 2008. Doctor of Veterinary Medicine, Veterinary Medicine - University of California, Davis 2004. Bachelor of Arts in Biology with minor in Chemistry - California State University, Sacramento 1997.

PROFESSIONAL EXPERIENCE AND ACADEMIC APPOINTMENTS: 2014 - Radiologist-Veterinary Specialty Center of Tucson. Providing service in radiology, computed tomography, magnetic resonance imaging and ultrasound. 2009 - Clinical Assistant Professor-Texas A&M University. Faculty in the radiology. 2014 - Section providing service in radiology, computed tomography, magnetic resonance imaging, nuclear scintigraphy and ultrasound to the large and small animal hospitals. 2008 - Staff Veterinarian-Massachusetts Veterinary Referral Hospital. 2009 - Small animal private referral hospital. Practice limited to diagnostic imaging. 2005 - Residency-Colorado State University Veterinary Teaching Hospital. 2008 - Residency and graduate course work in veterinary diagnostic imaging. 2004 - Internship-Peterson and Smith Equine Hospital, Ocala, Florida.

One year contracted internship position at third largest private referral equine facility in the United States. Rotating hospital internship-responsibilities with medicine and surgery clinicians, overnights and emergency on-call.

ERMINIO BASSI

Esaote - Product Manager Marketing Vet MRI

LUCA BALBI

Esaote - MRI Sequence Development R&D

CURZIO BASSO

Camelot Biomedical System R&D Project Leader

COR VAN DER FLIER

Esaote - Veterinary Business Director



SCIENTIFIC PROGRAMME

FRIDAY, MAY 13th, 2016

- 08:50 AM Welcome and Introduction
E. Bassi - Esaote
- 09:00 AM What you really need to know about the MRI Physics
L. Balbi - Esaote
- 09:45 AM What I expect from my Imaging Protocols
B. Eichelberger

10:35 AM COFFEE BREAK

- 10:55 AM Low Field MRI in Neuromuscular Diseases
C. Falzone
- 11:35 AM TR Reduction - What is it and how can it help us?
M. Konar
- 12:05 PM Anatomy Regions and Slices Orientation
C. Briola

12:55 PM LUNCH BREAK

- 02:00 PM 3DT1 post Contrast: Advantages and Limitations
M. Baroni
- 02:30 PM Online Education: Sharing Dicom images with Quantaview Platform
C. Basso
- 03:00 PM Interactive Case Studies Discussion
Speakers

04:10 PM COFFEE BREAK

- 04:30 PM Interactive Case Studies Discussion
Speakers
- 06:30 PM **ADJOURN**

SATURDAY, MAY 14th, 2016

- 08:30 AM Why choosing MRI compared to CT starting from clinical signs
K. Jurina
- 09:15 AM Signal intensity and Contrast Enhancement in Brain Lesions
C. Briola
- 10:05 AM What can we get from Repeat MRI
C. Falzone

10:45 AM COFFEE BREAK

- 11:05 AM Differentiation of Hematoma from Glioma in the Brain
M. Konar
- 11:45 AM Getting the most out of the Vet MR Grande
B. Eichelberger

12:35 PM LUNCH BREAK

- 01:45 PM Lumbosacral spine diseases
K. Jurina
- 02:30 PM MRI in Spinal Neoplasia
M. Baroni
- 03:10 PM MRI characteristics of Pituitary Tumours and their Management
M. Herrtage

03:40 PM COFFEE BREAK

- 04:00 PM Interactive Case Studies Discussion
Speakers
- 06:00 PM Conclusions
C. Van der Flier
- 06:10 PM **END OF THE MEETING**

07:00 PM SOCIAL DINNER