ANNUAL CONFERENCE 2014

10th – 12th OCTOBER 2014

Rochestown Park Hotel, Douglas, Co. Cork

‘The good, the bad and the ugly’
Picture courtesy of Kelly Hood (kellyhoodart@gmail.com)

Major Sponsors

Conference qualifies for 15.5 CVE Credits
Workshops qualify for up to 4 CVE Credits
This year the CAVI conference will take place in the Rochestown Park Hotel, Douglas, Co. Cork.

Once again we have assembled an illustrious group of speakers who will talk to you about a wide range of topics including Mastitis, Therapeutics, Parasitology, Fluid Therapy, Nutrition, Surgery, Infectious Diseases, Ultrasound, Poisons and Sustainability issues. Our keynote speakers are considered experts in their fields. Sometimes we hear delegates say that presentations can be too theoretical, this year we have case presentations by practitioners dispersed throughout the programme to give you the confidence to put theory into practice. New technologies are also on the programme as well as critical issues facing the profession in the future.

Our workshops have been revamped to make them definitively practical, whether you bring a laptop to the ICBF Workshop, your key stock levels to the Business Workshop or indeed attend the Post Mortem practical at the RVL. As a result of their practical nature places are limited on the workshops.

The social programme for the CAVI Conference is also key to the continued success of the conference and the Organising Committee understands that it is often the only chance that colleagues spread around the country get to meet every year. There will be an informal gathering on Friday October 10th in the Rochestown Park Hotel. The CAVI Annual Dinner is on Saturday October 11th at the Vertigo Restaurant, Cork County Hall, Cork City.

Subject to sufficient interest we will be organising some activities for accompanying partners.

Colleagues please note that full participation at the CAVI Conference 2014 together with self study will give the full annual CVE requirement.

We look forward to meeting with you all again in the Rochestown Park Hotel.

Organising Committee
Conor Geraghty (Chairman)  David Graham  Donal Murphy
Damien Barrett  Donal Lynch  John O’Roarke
John Gilmore  Ciaran Mellett  Kevin O’Sullivan

General Information

Conference Host
Veterinary Ireland
13 The Courtyard
Kilcarbery Park
Nangor Road
Dublin 22
Tel: +353 1 457 7976
Email: hq@vetireland.ie
Website: www.veterinaryireland.ie

Conference Organiser
Event Plus Ltd.
76a Upper Georges Street
Dun Laoghaire
Co. Dublin
Tel: +353 1 2302591
Fax: +353 1 2302594
Email: info@eventplus.ie
### Pre-Conference Satellite Workshops

**Friday 10th October 2014**
(Included in CAVI Conference Registration Fee)

**WORKSHOP NO. 1 - LIMITED TO 30 - 2 CVE Credits**
ZOETIS Business Workshop  
Rochestown Park Hotel.  
Speaker: Bernadette Rafter  
Commercial Director, UCD Veterinary Hospital, Dublin 4

**WORKSHOP NO. 2 - LIMITED TO 20 - 2 CVE Credits**  
ICBF - “Using the Website”  
Rochestown Park Hotel.

**WORKSHOP NO. 3 - LIMITED TO 25 - 4 CVE Credits**
Post-Mortem Techniques/Digital Dermatitis/Mortellaro  
Regional Veterinary Laboratory,  
Model Farm Road, Bishopstown, Co. Cork.  
Speaker: Jan van Geest

---

### CAVI Conference 2014

**10th – 12th October 2014**

<table>
<thead>
<tr>
<th>FRIDAY</th>
<th>10TH OCTOBER 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00 – 14:00</td>
<td>Registration</td>
</tr>
<tr>
<td><strong>SESSION 1</strong></td>
<td><strong>Poisons</strong></td>
</tr>
</tbody>
</table>
| 14:00 – 15:00 | Positioning Cases  
Damien Barrett, John Fagan, Ger Murray |
| 15:00 – 15:30 | Bovine Neurology  
Phil Scott |
| 15:30 – 16:00 | Poisonous Plants  
John Fagan |
| **16:00 – 16:30** | **Coffee and Exhibition** |
| **SESSION 2** | **Sustainability** |
| 16:30 – 17:45 | **KEYNOTE PRESENTATION**  
Antimicrobial Resistance and the Wisdom of Jimmy Buffet  
Martin Cormican, NUIG |
| 17:45 – 18:15 | Sustainable Animal Health - The Concept  
John Gilmore |
| 18:15 – 18:30 | Tax Efficient Retirement Planning  
Mary Goodman |
### SESSION 3  
**Mastitis**  
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 – 09:30</td>
<td>Milking Routines in Expanding Herds - Considerations</td>
<td>Finola McCoy</td>
</tr>
<tr>
<td>09:30 – 10:30</td>
<td>Contagious and Environmental Mastitis - Do They Still Exist?</td>
<td>Ruth Zadoks</td>
</tr>
<tr>
<td>10:30 – 11:00</td>
<td>Milking Robots - What the Practitioner Needs to Know</td>
<td>Peter Edmondson</td>
</tr>
<tr>
<td><strong>11:00 – 11:30</strong></td>
<td><strong>Coffee and Exhibition</strong></td>
<td></td>
</tr>
</tbody>
</table>

### SESSION 4  
**Parasites**  
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30 – 12:00</td>
<td>It’s Not All Muck and Magic: A Practitioners Guide to Parasites and Their Control</td>
<td>Andy Forbes</td>
</tr>
<tr>
<td>12:00 – 12:30</td>
<td>Case Presentations: Lungworm</td>
<td>Ciaran Mellett</td>
</tr>
<tr>
<td>12:30 – 13:00</td>
<td>Nematodirus in Calves</td>
<td>Fintan Graham</td>
</tr>
<tr>
<td></td>
<td>Psoroptic Mange in Finishing Cattle</td>
<td>Conor Geraghty</td>
</tr>
<tr>
<td></td>
<td>An Update on Neosporosis in Bovines</td>
<td>Lee Innes</td>
</tr>
<tr>
<td><strong>13:00 – 14:00</strong></td>
<td><strong>Lunch and Exhibition</strong></td>
<td></td>
</tr>
<tr>
<td><strong>14:00 – 14:30</strong></td>
<td><strong>Exhibition Networking</strong></td>
<td></td>
</tr>
</tbody>
</table>

### SESSION 5  
**Therapeutics**  
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:30 – 15:15</td>
<td>Fluid Therapy - Practical Approaches</td>
<td>Eoin Ryan, Donal Murphy, Finbarr Kiernan</td>
</tr>
<tr>
<td>15:15 – 15:45</td>
<td>Considerations in Mastitis Therapeutics</td>
<td>Peter Edmondson</td>
</tr>
<tr>
<td>15:45 – 16:15</td>
<td>Acidosis in Calves</td>
<td>Ingrid Lorenz</td>
</tr>
<tr>
<td>16:15 – 16:45</td>
<td>Super Herds - Challenges for the Practitioner</td>
<td>Peter Edmondson</td>
</tr>
<tr>
<td><strong>16:45 – 17:00</strong></td>
<td><strong>Coffee and Exhibition</strong></td>
<td></td>
</tr>
</tbody>
</table>

### SESSION 6  
**Dairy Expansion - Nutrition**  
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:00 – 17:30</td>
<td>Use of Milk Composition to Screen for Nutritional Status and Using The Diet to Improve Milk Composition of Dairy Cows</td>
<td>Finbar Mulligan</td>
</tr>
<tr>
<td>17:30 – 18:00</td>
<td>Trace Elements in Practice</td>
<td>Des Cronin</td>
</tr>
<tr>
<td>18:00 – 18:30</td>
<td>Rearing Replacement Heifers for the Dairy Herd</td>
<td>Finbar Mulligan</td>
</tr>
<tr>
<td><strong>20:00</strong></td>
<td><strong>CAVI Conference Annual Dinner, Vertigo Restaurant, Cork County Hall.</strong></td>
<td></td>
</tr>
</tbody>
</table>

### SUNDAY 12TH OCTOBER 2014

### SESSION 7  
**Advanced Bovine Surgical Techniques**  
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 – 09:45</td>
<td>Meta-analysis of Surgical Approaches to Left Displaced Abomasum</td>
<td>Eoin Ryan</td>
</tr>
<tr>
<td>09:45 – 10:15</td>
<td>Use of Ultrasound in Non-reproductive Diagnostics</td>
<td>Phil Scott</td>
</tr>
<tr>
<td>10:15 – 11:00</td>
<td>Advanced Bovine Surgical Techniques</td>
<td>Stuart Russell</td>
</tr>
<tr>
<td><strong>11:00 – 11:30</strong></td>
<td><strong>Coffee and Exhibition</strong></td>
<td></td>
</tr>
</tbody>
</table>

### SESSION 8  
**Infectious Diseases**  
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30 – 11:50</td>
<td>BVD - Herd Investigation Techniques</td>
<td>David Graham</td>
</tr>
<tr>
<td>11:50 – 12:10</td>
<td>Johnes - Preliminary Findings from VRAMPs</td>
<td>Sam Strain</td>
</tr>
<tr>
<td>12:10 – 12:30</td>
<td>IBR - Update</td>
<td>David Graham</td>
</tr>
<tr>
<td>12:30 – 13:00</td>
<td>Survey of Pneumonia Cases</td>
<td>Gerard Murray</td>
</tr>
<tr>
<td>13:00</td>
<td>Conference Closing Remarks and Light Lunch</td>
<td></td>
</tr>
<tr>
<td>14:30</td>
<td>Veterinary Ireland, Food Animal Group AGM</td>
<td></td>
</tr>
</tbody>
</table>
ANDY FORBES
Andy Forbes graduated from Edinburgh University, Scotland, with a degree in Veterinary Medicine and Surgery and subsequently spent several years in general veterinary practice in the United Kingdom, southern Africa and New Zealand. He joined the Animal Health industry in the late 1970s, firstly with Elanco/Lilly Research and subsequently with MSD AgVet and then Merial, and worked in the industry until 2013 in a variety of technical positions based in the UK, the USA and most recently France. He now lectures regularly at the School of Veterinary Medicine in Glasgow and is involved in a number of research projects there and at other veterinary schools. He is currently the chairman of the parasite control technical working group (TWG) of Animal Health Ireland.
His scientific interests centre primarily on ruminants with a focus on parasitology and endemic diseases, on which he has published over 50 papers in peer-reviewed journals. He completed a PhD on parasitic gastroenteritis in cattle at Ghent University in Belgium in 2008 and is a Foundation Diplomate of the European Veterinary Parasitology College. He is a past president of the British Cattle Veterinary Association and the British Association of Veterinary Parasitology. He is currently an Honorary Professor at the School of Veterinary Medicine at Glasgow University in Scotland. When not travelling, he spends his time on a small farm in Hertfordshire, where his wife, three sons, a flock of sheep and a dog live, or on a small property on the shores of Loch Lomond.

LEE INNES
Elisabeth has an honours degree in Immunology from the University of Glasgow and a PhD in Tropical Animal Health from the University of Edinburgh. She has conducted research in the area of infectious diseases of livestock at several different research institutes in UK and Africa and currently leads a group at Moredun Research Institute in Edinburgh, looking at developing solutions to control diseases caused by protozoan parasites: in particular Neospora caninum; Toxoplasma gondii and Cryptosporidium parasites. She has published numerous scientific articles and developed and delivered several successful externally funded national and international research programmes. She coordinates and teaches a course on Parasites of Public Health Importance, within the College of Science and Engineering and also teaches within the College of Medicine and Veterinary Medicine at the University of Edinburgh. Following a sabbatical year spent in Hong Kong in 2002-03 where she studied journalism and photography, she became more interested in science communication, knowledge exchange and education. Elisabeth took up a new part-time position as Director of Communications at Moredun in 2008, although still retaining her research interests. She is founder and CEO of the Creative Science Company a spin out from Moredun established in 2008. Elisabeth also holds Honorary Professorships from Heriot Watt University, University of Edinburgh and University of Glasgow.

PHIL SCOTT
Phil Scott has 36 years’ experience of farm animal practice and presently works in the farm animal section at the University of Edinburgh. He is a European specialist in both small ruminant and cattle health and production. He was awarded a doctorate for studies on perinatal lamb mortality from the University of Edinburgh in 1993 and an FRCVS in 1994 for studies on Bovine Spongiform Encephalopathy (BSE). He is the author of over 120 scientific papers and reports and three veterinary textbooks.
Peter Edmondson qualified from Trinity College Dublin in 1980. He has been specialising in mastitis and milk quality work for the past 30 years. After five years in practice in Ireland he went to work for Almarai working with large dairy herds in Saudi Arabia and China. He then joined the Shepton Veterinary Group, a twelve vet specialist dairy practice in Somerset. Peter divides his time between vet practice and working for dairy, agri and pharmaceutical businesses throughout the world. He is renowned for his practical and down to earth approach to dairy work. Peter carries out referral visits in the UK and overseas using his practical problem solving skills. Peter has co-authored books, the most recent being ‘Mastitis Control in Dairy Herds’ and is a regular contributor to veterinary and farming press. Peter is a Royal College of Veterinary Surgeon’s Registered Specialist in Cattle Health & Production and is a Diplomate of the European College of Bovine Herd Medicine. Peter is also keen to transfer technology to help the developing dairy world. He leads the XLVets FarmSkills Africa programme and carries out voluntary work developing the dairy industry in Mozambique and Zimbabwe.

Ruth Zadoks is Professor of Molecular Epidemiology at the University of Glasgow (Institute for Biodiversity, Animal Health and Comparative Medicine; College of Medical, Veterinary and Life Sciences) and spends part of her time working on Disease Control at the Moredun Research Institute near Edinburgh. She graduated from the University of Utrecht in the Netherlands with a DVM degree, and subsequently worked in bovine herd health and teaching whilst completing MSc and PhD degrees in veterinary epidemiology, focusing on mathematical and molecular epidemiology of bovine mastitis. Since then, she has worked in research, teaching and knowledge exchange with farmers, veterinarians, scientists and policy makers in the USA and the UK. Ruth’s main research interest is the epidemiology of infectious diseases of production animals, with emphasis on bacterial pathogens and parasites of comparative relevance to humans, including those causing bovine mastitis. Her work is focused on the use of molecular tools to improve disease control through increased understanding of sources and transmissions dynamics of infectious agents in host populations and their environment.

SPONSORS
20:00 SATURDAY 12TH OCT 2014
ANNUAL CONFERENCE DINNER

VERTIGO RESTAURANT
Cork County Hall, Carrigrohane Road, Cork City
Join the CAVI Conference Committee for the Annual Dinner with a Drinks Reception and 3 Course Dinner in spectacular surroundings in Cork's most unique venue.
Vertigo Restaurant is a fully glazed rooftop pavilion located on the tower's 17th floor of The County Hall. This commanding venue offers guests an unrivalled dining experience.
Often described as the best kept secret in Cork, the aptly-named Vertigo venue sits atop the dizzying heights of Cork County Hall with a 360 degree spectacular view over the surrounding landscape, taking in the attractive city scape of low hills, spires, the meandering river lee, fields and wooded areas.

The CAVI Conference returns once again to the impressive Rochestown Park Hotel. Formerly one of Ireland's most important historical houses, the property has been meticulously restored and refurbished over the past 20 years to culminate into an international standard luxury hotel. The hotel is located close to the south ring road in Douglas, 3 miles from Cork City Centre. The house was built in the early 1900’s for Sir Abraham Sutton, Lord Mayor of Cork, knighted by King Edward VII. Set on 21 acres of grounds, the house continued to be a family residence until 1947 when it was passed to the Kiltegan Fathers and served as a seminary for some 200 priests bound for missionary work overseas. The Rochestown Park Hotel offers guests the ultimate in luxury, elegance and style. Website: www.rochestownpark.com

Social Programme
Tulathromycin, the active ingredient in Draxxin, has proven to be a reliable and effective antimicrobial for use in bovine respiratory disease. Recent studies reflect field experience that Draxxin works fast and is long lasting.

- **Distributes rapidly into lung tissue** - one hour post treatment
- **Concentrates in lung tissue**
- **Long lasting** - at least 15 days post treatment
- **Mycoplasma bovis** - the only long acting macrolide with proven and licensed efficacy
- **Moraxella bovis** - licensed for the treatment of ‘Pink Eye’

2 Draxxin SPC

Legal Category: POM
Use Medicines Responsibly www.apha.ie

For further information please contact Zoetis, 9 Riverwalk, Citywest Business Campus, Dublin 24.
Tel 01 467 6650.