DEVELOPING MEDICINES FOR COMPANION ANIMALS

22-24 February 2012

Application to Register

22-24 February 2012, Conf. No. V2-8012

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To Register

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Management Forum Ltd, 98-100 Maybury Road, Woking, Surrey GU21 5JL, UK

www.management-forum.co.uk

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If you have NOT received confirmation seven days after registering, please contact Registration Department.

Registration Information

Dates **22 February 2012** **Start 09.30 – Finish 17.15**
22 February 2012 Conference Dinner Start 19.30
23 February 2012 **Start 09.00 – Finish 17.00**
24 February 2012 **Start 09.00 – Finish 16.45**

Registration & Coffee **22 February 2012** **09.00**

Venue
The Rembrandt Hotel, 11 Thurloe Place, London SW7 2RS.

Directions
Opposite V&A Museum.
Nearest Underground station: South Kensington.
Map available on Website under Hotels and Venues.

Accommodation
Subject to availability, a limited number of bedrooms have been reserved at The Rembrandt Hotel, 11 Thurloe Place, London SW7 2RS at a special rate.
Hotel Tel: +44(0)20 7589 8100.
Hotel Fax: +44(0)20 7225 3476.
Email: reservations_rembrandt@sarova.co.uk
All bookings should be made directly with the hotel or online at www.sarova.com/rembrandt, quoting promo code 'manforum'.

Conference Fee
£1,700 + VAT if applicable
The fee includes course documentation as well as mid-session refreshments, lunch and dinner on day one. Invoice and confirmation will be forwarded to you.

Conference No. V2-8012

Discounted Rates
Available on application for personnel from non-profit making organisations and registered charities.
Group discount available on request.

Cancellation Policy:
Over 14 days prior to the Seminar: Cancellation fee of £75.
7/14 days prior to the Seminar: 50% of the fee. Fewer than 7 days or if no notification received: Registrant liable to pay FULL seminar fee.
NB: Cancellations must be received in writing by registrations@management-forum.co.uk.

Exhibition spaces and promotional opportunities will be available at this meeting.
For further information please contact Robert Sinclair
(email: robert@management-forum.co.uk)

MANAGEMENT FORUM LTD., 98-100 Maybury Road, Woking, Surrey GU21 5JL, UK
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DEVELOPING MEDICINES FOR COMPANION ANIMALS

Key topics to be covered on this three day course:

- EU Regulatory Framework
- Product Development
- Process Scale Up and Validation
- How to 'Block Out Studies'
- Part III: the Toxicological Package
- User Safety: Risk Assessment
- Environmental Risk Assessment
- 'Safety' Detailed and Critical Summary (DACS)
- Pre-Clinical Development
- Clinical Trial Applications
- Clinical Development
- Target Species Tolerance
- 'Clinical' DACS
- Regulatory Strategies and Procedures
- Writing the Regulatory Submission

Chairman:
Ray Harding Consultant, Cyton Biosciences Ltd

Tutors:
Julian Braidwood Managing Director, Triveritas Ltd
Dr Raymond Munden Pharmaceutical Consultant

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22 - 24 February 2012
The Rembrandt Hotel, London

INTRODUCTION AND OBJECTIVES

The development of a veterinary medicine is complex, time consuming and expensive. It requires teamwork from individuals with different scientific training and a wide range of skills. Everyone involved must be aware of the main stages in the development programme and be able to relate his or her responsibilities to the expertise and needs of the scientists and commercial members of the team.

This course has been designed to demonstrate how pharmaceutical, pharmacological, toxicological and clinical investigations and regulatory management are brought together in the development programme. It will take the participants through all of the stages in the development of a veterinary medicinal product for companion animals, for which a marketing authorisation is sought in the European Union. Presentations will cover pharmaceutical and process development, toxicological, pharmacological, safety risk assessments, clinical development and regulatory submissions. An important part of the course will be devoted to working on case studies in the workshop sessions.

The course will provide a comprehensive introduction to the entire development programme for companion animal medicines.

WHO SHOULD ATTEND?

The course has been designed for anyone who has limited experience in only one of the disciplines in veterinary medicine development, such as pharmaceutical or analytical development, clinical trials, regulatory affairs or quality assurance. Anyone learning the role of project manager, as well as more experienced personnel seeking to review special problems encountered in product development, will benefit from the comprehensive programme delivered by experienced professionals. There will be ample opportunity for informal discussion during the proceedings.

If possible please bring a laptop with you to use during the workshop sessions.

CHAIRMAN

Ray Harding, Consultant established Cyton Biosciences Limited in 1997 to provide specialist services in new product development and registration for the bioscience industries in Europe. After managing the company since it was founded, he has now taken the role of consultant.

TUTORS

Julian Braidwood, Managing Director of Triveritas which is a contract product development company offering a comprehensive range of services to the Animal Health industry and related companies.

Dr Raymond Munden has over 30 years experience in pharmaceutical research and development and was formerly Head, Analytical Services Europe for GlaxoSmithKline.

A Certificate of Attendance for Professional Development will be given to each participant who completes the course.

Programme

Day One — 22 February 2012

Session One: Tutor – Ray Harding

09.30 **Introduction and Objectives of the Course**

09.45 **EU Regulatory Framework**
- Understanding the regulatory objectives
- EU legal framework
- Legal base of regulatory procedures and dossier requirements

10.30 **Coffee**

10.45 **EU Regulatory Framework** *(continued)*

11.30 **Assessing Development Candidates**
- New chemical entities and older products

11.45 **Project Team: R&D and Marketing**
- Defining marketing objectives
- Costs and profitability
- The Project Manager and Project Team

12.15 **Discussion**

12.30 **Lunch**

Session Two: Tutor – Dr Raymond Munden

13.30 **Product Development**
- Physical and chemical characteristics of the drug substance
- Process development
- Requisites of an ideal product
- Formulation development
- Optimising performance of problem drug substances
- Analytical development and setting specifications
- Stability testing

15.15 **Tea**

15.30 **Process Scale up and Validation**
- Effect of product type
- Facilities/Personnel
- Regulatory issues

16.30 **Workshop: Understanding How to 'Block Out Studies'**
- Pharmaceutical studies
- Toxicological studies
- Pharmacokinetic studies
- Clinical studies

Led by Ray Harding

17.15 **End of Day One**

19.30 Conference Dinner at a Local Restaurant

Day Two — 23 February 2012

Session Three: Tutor – Ray Harding

09.00 **Part III: The Toxicological Package**
- The objective of Part III
- The data required

09.45 **User Safety: Risk Assessment**
- Reviewing toxicology studies
- Setting the scenario
- Risk assessment
- Risk management

10.30 **Pharmacokinetics and Bioequivalence**
- Role of pharmacokinetic studies in product development
- Bioequivalence studies
- Exemptions from bioequivalence studies

11.00 **Coffee**

11.15 **Environmental Risk Assessment**
- Phase I Assessment

11.30 **'Safety' Detailed and Critical Summary**

12.00 **Introduction to Workshop**
- Objectives of the workshop and review case studies
- Planning approach to workshop and workshop teams

12.30 **Lunch**

Session Four: Tutor – Ray Harding

13.30 **Workshop Session**

15.15 **Tea**

15.30 **Planning Pre-Clinical and Clinical Development**
- Preparing pilot batches
- PKs and target animal tolerance
- Approaches to dose selection
- Clinical trial applications

16.00 **EU Regulatory Strategies and Procedures**
- Full and abbreviated applications
- Generic applications
- Centralised Procedure
- Decentralised, MRP and National Procedures

17.00 **End of Day Two**

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Day Three — 24 February 2012

Session Five: Tutor – Julian Braidwood

09.00 **Clinical Development**
- Selecting a dose
- Field studies
  - Multi-centred
  - Controlled
  - Randomised
  - Blinded
- Efficacy guidelines

10.30 **Coffee**

10.45 **Target Species Tolerance**

11.15 **'Clinical' Detailed and Critical Summary**
- Pre-clinical, clinical, PK and clinical data
- Target species tolerance
- Risk/benefit ratio

12.00 **Lunch**

Session Six: Tutor – Ray Harding

13.00 **Final Workshop Session**

14.30 **Workshop Presentations**
- Presentation by each team
- Review and discussion

15.30 **Tea**

15.45 **Writing and Managing the Regulatory Submission**
- Writing the dossier
- Summary of Product Characteristics and labelling
- Working with Writers of Detailed and Critical Summaries
- Managing the Regulatory Submission

16.15 **Discussion**

16.30 **Concluding Remarks**

16.45 **End of Course**

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