

## **AOVET/AOPEER Course—Principles of Clinical Research 7-8 April 2018, Cambridge, UK**

### **Course chair**

Matthew Allen (UK)

### **Course description**

One and a half days face-to-face, including interactive discussions and workshops, preceded by online preparatory activities.

Participants will learn about the importance of research and evidence-based medicine (EBM), the relevant ethical considerations and guidelines for Good Clinical Practice (GCP) with a focus on the formulation of a clinical research question.

In addition to practicing some of the skills related to literature review and medical writing, this course offers support in working with a statistician, building a good research environment and navigating the AO Program for Education and Excellence in Research (AOPEER) to help make their research project a success.

### **Course objectives**

The goal of this course is to introduce the principles of clinical research involving both humans and animals, including skills and knowledge on why and how to do research, how to build a good research environment, and where to find additional resources, tools, and reference packages to support a research project.

### **On completion of this course, participants should be able to:**

- Explain the importance of doing research and the link to evidence-based medicine.
- Apply the basic principles of literature search and critical appraisal.
- Follow GCP guidelines and adhere to ethical requirements (eg, informed consent).
- Identify a clinical problem, formulate a clinical research question, and select the study design.
- Collaborate with a statistician to perform sample size calculation and basic statistical analyses.
- Describe the principles of medical writing.
- Utilize available research environment, resources, and tools.

### **Target participants**

This course is designed for individuals who want to learn or improve their skills for conducting clinical research and publishing results, as well as those with a general interest in research and documentation of clinical cases.

For more information and registration, please visit the [event room](#).

**Link:** ([https://aovet2.aofoundation.org/eventdetails.aspx?id=499&from=PG\\_COURSEDIRECTORY](https://aovet2.aofoundation.org/eventdetails.aspx?id=499&from=PG_COURSEDIRECTORY))

### **Contact**

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### **Venue**

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