

Lab Research Publication School

Course description: This online course is aimed at individuals conducting life science research, with a focus on in vivo and in vitro studies using laboratory animals*, cell lines or human-derived material. It aims to give you a smooth writing process that results in a published article that is fit for purpose.

*includes: any vertebrate species (traditional laboratory species, agricultural animals, wildlife, and aquatic species) produced for or used in research, testing, or teaching.

In summary:

Course title	Lab Research Publication School
Who for	Researchers at any stage of their career, research students and technicians plus others who are actively involved in the reporting or communication of in vivo or in vitro studies using laboratory animals, cell lines or human-derived material.
Length	3x 4-hour live webinars (1 per day over 3 days), including two or more, 10-15 minute comfort breaks.
Format	Three live webinar style sessions using group work, discussion, and practical exercises. At the end of each session there will also be a quiz to check attendees understanding of key points of learning.
Overall Purpose	To cover everything you need to plan, write, and publish your animal-related research study.
Key content	<p>1. Theory:</p> <ul style="list-style-type: none"> • Session 1 includes: an introduction to publishing; negotiating authorship and acknowledgement; planning your message and audience; choosing a journal and avoiding predators; using reporting guidelines (including ARRIVE & RIVER). • Session 2 includes: good writing styles and habits; getting started and keeping going; what to write where; recipes for successful methods, results, discussion, and introduction sections. • Session 3 includes: recipes for a successful abstract and title; revising your work for simplicity, clarity and completeness; submission, cover letters and dealing with peer review. <p>2. Activities:</p> <p>Participants will have their understanding of the theoretical content of each session assessed by means of an online quiz (at the end of each session) and through the completion of session activities:</p> <ul style="list-style-type: none"> • Participants will have practice writing their message, identifying potential audiences for their message and finding relevant reporting guidelines for their next study.

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	<ul style="list-style-type: none"> • Participants will read and discuss published methods, results, discussion and introduction sections to identify what is done well and what can be improved. • Participants will have the opportunity to revise an existing title, or write their own, practice revising and editing existing text, plus discuss how to respond to reviewer comments.
Learning outcomes	<p>By the end of this course participants will be able to:</p> <ul style="list-style-type: none"> • Select journal(s) appropriate for their audience and message; • identify and use relevant reporting guidelines; • Negotiate authorship and acknowledgements; • Draft and revise all sections of a manuscript; • Manage the submission and peer review process.
Pre-requisites /pre-work	Watch this 1-hour webinar: 10 Steps from research study to paper .
Course provider Course Tutors	Responsible Research in Practice & the UK EQUATOR Centre Dr Nikki Osborne and Dr Patricia Logullo.
Max no. of attendees	20.