



National Centre  
for the Replacement  
Refinement & Reduction  
of Animals in Research

## Science Manager - Experimental design, analysis and reporting

<b>Grade</b>	Band 4
<b>Location</b>	London
<b>Salary</b>	£27,906 - £33,305 plus London allowances
<b>Contract type</b>	Permanent (full time)

### Introduction

Science-led and evidence-based, the NC3Rs is the UK's national organisation for the 3Rs, established in 2004 to accelerate the development and uptake of new models and tools that replace, reduce or refine the use of animal in research and testing. We have shown that science and technology focused on minimising animal use or improving animal welfare, can deliver benefits to human health, protection of the environment and business opportunities.

The NC3Rs is primarily funded by Government and has an annual budget of approximately £10 million. Its activities are divided between its role as the UK's major 3Rs research funder and programmes led by its own team of scientists. Further information can be found at [www.nc3rs.org.uk](http://www.nc3rs.org.uk).

### Role of the Science Manager

The NC3Rs has a well-established programme of work focusing on improving the design, analysis and reporting of animal experiments in order to ensure that studies are robust and reproducible, contribute to the knowledge base, and avoid the unnecessary use of animals.

Key aspects of the programme include the ARRIVE reporting guidelines and the online Experimental Design Assistant (EDA). For further information see (<https://www.nc3rs.org.uk/arrive-guidelines>) and (<https://www.nc3rs.org.uk/experimental-design-assistant-eda>).

### The EDA

- Day-to-day management of the EDA, including writing new content, responding to email enquiries, improving usability and solving glitches.
- Organising and taking minutes for the project management meetings, or meetings with the NC3Rs expert group on experimental design.
- Supporting the development of new EDA functionality, including rules, analysis recommendations and new templates relevant to specific disciplines and models.
- Organising workshops and other dedicated training courses to promote the use of the EDA.
- Monitoring use and preparing user statistics to benchmark uptake and impact.

### ARRIVE guidelines

- Organising workshops, symposia and dedicated communication materials to promote the uptake of the guidelines across the scientific community, nationally and internationally.
- Supporting the work of the NC3Rs expert group on revising the ARRIVE guidelines
- Working with endorsers of the guidelines to ensure implementation in practice.
- Collating information on the number and location of organisations endorsing the guidelines and supporting activities to measure impact.

The Science Manager will also contribute to other activities where appropriate including the NC3Rs work on publication bias in animal research.

The post is within the NC3Rs Policy and Outreach Group and the ability to work as part of a dynamic team is essential.

### **Person specification**

<b>Education, qualifications, training and work experience</b>	PhD in a biological science, ideally with <i>in vivo</i> experience.  Qualification (or demonstrable knowledge/experience) of experimental design and statistics.
<b>Animals in research</b>	Demonstrable commitment to the 3Rs.  Understanding of the issues around the use of animals in research.
<b>Personal skills, behaviours and qualities</b>	Excellent communicator both orally and in writing.  Ability to deal with complex and sensitive issues with a wide range of stakeholders.  Ability to identify, analyse and propose solutions to varied and complex problems.  A significant degree of independence.  Excellent organisational skills and management of a varied workload.  Excellent inter-personal skills and team player.

### **Additional Information**

Based in central London, the Science Manager will report to Dr Nathalie Percie du Sert, Head of Experimental Design and Reporting at the NC3Rs.

There will be no formal staff management responsibilities.

The successful candidate will be subject to security checks.

### **Further Information**

The closing date for applications is Friday 2 March.

Please ensure you include a **copy of your CV and a covering letter** explaining how you meet the criteria listed in the person specification.

Interviews will be held on Wednesday 21 March.

The NC3Rs is an autonomous body responsible for setting and delivering its strategy and managing its resources. It is not an independent public body and for this reason it operates under the umbrella of the Medical Research Council (MRC), using some of the MRC administrative systems. A service agreement exists between the NC3Rs and the MRC. NC3Rs staff are appointed to the appropriate MRC Band and immediately seconded to the NC3Rs.

From April 2018, MRC will be part of UK Research and Innovation. From 1 April 2018 your employer will be UK Research and Innovation. More information can be found online <http://www.ukri.org/>

Choosing to come to work at the NC3Rs means that you will have access to a whole host of benefits including a generous occupational pension scheme and excellent holiday entitlement.

Our success is dependent upon our ability to embrace diversity and draw on the skills, understanding and experience of all our people. We welcome applications from all sections of the community irrespective of gender, race, ethnic or national origin, religion or belief, sexual orientation, disability or age. As users of the "Two Ticks" disability symbol, we guarantee to interview all applicants with disabilities who meet the minimum criteria for the vacancy.

**[Click here to apply](#)**