

OIE Collaborating Centres Reports Activities

Activities in 2015

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ToR: To provide services to the OIE, in particular within the region, in the designated specialty, in support of the implementation of OIE policies and, where required, seek for collaboration with OIE Reference Laboratories

ToR: To identify and maintain existing expertise, in particular within its region

1. Activities as a centre of research, expertise, standardisation and dissemination of techniques within the remit of the mandate given by the OIE

Training, capacity building	
Title of activity	Scope
Design, Implementation, Monitoring and Sharing of Performance Standards-April 2015	<p>"Performance standard is a standard or guideline that, while describing a desired outcome, provides flexibility in achieving this outcome by granting discretion to those responsible for managing the animal care and use program, the researcher and the IACUC. The performance approach requires professional input, sound judgment, and a team approach to achieve specific goals" (Guide for the Care and Use of Laboratory Animals, 2011, p. 6)</p> <p>This free, public international workshop provided a neutral forum for the discussion of established performance standards particularly targeting any standards that may require revision or alteration to conform with today's experimental environment. Speakers from around the world explored this issue to encourage improvement and innovation. Audience participation portions of the workshop were incorporated to facilitate deeper understanding of this issue. Workshop website: http://nas-sites.org/ilar-roundtable/roundtable-activities/performance-standards/</p> <p>A rapporteur-prepared summary of the presentations and discussions of the workshop was published: http://www.nap.edu/catalog/21820/design-implementation-monitoring-and-sharing-of-performance-standards-for-laboratory-animal-use</p>
Animal welfare	
Title of activity	Scope
Reproducibility Issues in Research with Animals and Animal Models-june 2014	<p>This workshop took place in 2014 (and reported in last year's annual report). The interactive summary of this workshop was published in 2015: http://nas-sites.org/ilar-roundtable/roundtable-activities/reproducibility/reproducibility-issues-in-research-with-animals-and-animal-models-workshop-in-brief/</p>
Other (Name the category)	
Title of activity	Scope
One-Health Research Fellowships in Pakistan	<p>This pilot fellowship project aims to establish collaborative educational/research opportunities between young investigators and their research mentors or lab directors from Pakistan and U.S. experts in One Health (1-H) science and research. According to the CDC "the One Health concept recognizes that the health of humans is connected to the health of animals and the environment." This project will focus on the medical-veterinary interventions on zoonoses and emerging infectious diseases. The goals of this project are:</p> <ul style="list-style-type: none"> • To create a model for fostering enduring international and national research collaborations that could be adapted and applied in different country settings. • To pilot this model as a first step to building a 1-H research network in Pakistan using one cohort of young scientists/researchers. • To provide a broader context for 1-H issues (i.e., legal/regulatory structures, ethical and related issues, pedagogy for teaching 1-H as part of an academic science curriculum) using tenets of Responsible Science.

ToR : To propose or develop methods and procedures that facilitate harmonisation of international standards and guidelines applicable to the designated specialty

2. Proposal or development of any procedure that will facilitate harmonisation of international regulations applicable to the surveillance and control of animal diseases, food safety or animal welfare

Proposal title	Scope/Content	Applicable area
A Repository of Lab Animal Care and Use Performance Standards	Both the 7th (1996) and 8th (2011) editions of the Guide for the Care and Use of Laboratory Animals promote the development and deployment of evidence-based performance standards in the care and use of laboratory animals. Despite this, institutions continue to be reluctant to implement them as alternatives to established engineering standards. At the workshop mentioned in the previous section (Design, Implementation, Monitoring and Sharing of Performance Standards-April 2015) at least two reasons for widespread aversion to evidence-based performance standards as replacements for engineering standards were raised: (1) fear of disapproval by regulators, accrediting organizations, and peers, thereby risking one's compliance or accreditation status, and (2) ignorance of performance standards that have been adopted without compromising the quality of respective programs. Thus, the establishment of a repository of performance standards that can be used by the whole community should offer multiple options for their use thus promoting animal welfare and improved use and care while also supporting the Three Rs.	<input type="checkbox"/> Surveillance and control of animal diseases <input type="checkbox"/> Food safety <input checked="" type="checkbox"/> Animal welfare

ToR: To establish and maintain a network with other OIE Collaborating Centres designated for the same specialty, and should the need arise, with Collaborating Centres in other disciplines

ToR: To carry out and/or coordinate scientific and technical studies in collaboration with other centres, laboratories or organisations

3. Did your Collaborating Centre maintain a network with other OIE Collaborating Centres (CC), Reference Laboratories (RL), or organisations designated for the same specialty, to coordinate scientific and technical studies?

Yes

Name of OIE CC/RL/other organisation(s)	Location	Region of networking Centre	Purpose
International Council for Laboratory Animal Sciences	Brussels, Belgium	<input checked="" type="checkbox"/> Africa <input checked="" type="checkbox"/> Americas <input checked="" type="checkbox"/> Asia and Pacific <input checked="" type="checkbox"/> Europe <input checked="" type="checkbox"/> Middle East	Continued work on the Harmonization of Animal Research Reporting Principles (HARPP) Statement

4. Did your Collaborating Centre maintain a network with other OIE Collaborating Centres, Reference

laboratories, or organisations in other disciplines, to coordinate scientific and technical studies?

No

ToR: To place expert consultants at the disposal of the OIE.

5. Did your Collaborating Centre place expert consultants at the disposal of the OIE?

No

ToR: To provide, within the designated specialty, scientific and technical training to personnel from OIE Member Countries

6. Did your Collaborating Centre provide scientific and technical training, within the remit of the mandate given by the OIE, to personnel from OIE Member Countries?

No

ToR: To organise and participate in scientific meetings and other activities on behalf of the OIE

7. Did your Collaborating Centre organise or participate in the organisation of scientific meetings on behalf of the OIE?

No

ToR: To collect, process, analyse, publish and disseminate data and information relevant to the designated specialty

8. Publication and dissemination of any information within the remit of the mandate given by the OIE that may be useful to Member Countries of the OIE

a) Articles published in peer-reviewed journals: 47

ILAR Journal

A. Translational medicine collection: 27 articles

available at: http://www.oxfordjournals.org/our_journals/ilarjournal/translational_medicine.html

B. Three issues in 2015

issue 56(1): Livestock Models in Translational Science - 12 articles

available at: <http://ilarjournal.oxfordjournals.org/content/56/1.toc>

Issue 56(2): The Microbiome: Modeling for Health and Disease - 11 articles

available at: <http://ilarjournal.oxfordjournals.org/content/56/2.toc>

Issue 56(3): Insight Gained from Wildlife Research in the Context of Global Anthropogenic Change - 8 articles available at: <http://ilarjournal.oxfordjournals.org/content/56/3.toc>

b) International conferences: 2

A. Design, Implementation, Monitoring and Sharing of Performance Standards-April 2015

Workshop Summary issued and available at:

<http://www.nap.edu/catalog/21820/design-implementation-monitoring-and-sharing-of-performance-standards-for-laboratory-animal-use>

B. Gene Editing to Modify Animal Genomes for Research Scientific and Ethical Considerations- December 2015

Workshop summary will be published May 2016

c) National conferences: 0

d) Other

(Provide website address or link to appropriate information): 0