

Self-inspection and Evaluation
Animal Experiments and Related Activities
2018

Okinawa Institute of Science and Technology
Graduate University (OIST)

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I. Regulations and Systems

1. Institutional Regulations

1) Evaluation
<input checked="" type="checkbox"/> Institutional regulations are established in compliance with the “Fundamental Regulations”.
<input type="checkbox"/> Institutional regulations are established; however, there are some matters to be improved.
<input type="checkbox"/> Institutional regulations are not established.
2) References for self-inspection
• OIST Animal Experiment Regulations
3) Reasons for the evaluation. Specify the issues for improvement, if needed.
• OIST Animal Experiment Regulations were revised : i. Amphibia, Fish and Cephalopod are added on the definition of laboratory animals, ii. Manager is revised to Provost from Dean of Research because of OIST organizational changes, iii. As laboratory animal manager, the section leaders of Animal Resources Section and Okinawa Marine Science Support Section are assigned, iv. Quorum of the Animal Care and Use Committee was modified to “Attendance of majority of Committee members and two external members” from “Attendance of majority of Committee members and one public member”.
4) Plan for improvement / Estimated time of accomplishment
• Not applicable

2. Institutional Animal Experiment Committee

1) Evaluation
<input checked="" type="checkbox"/> The Institutional Animal Experiment Committee is established in compliance with the “Fundamental Guidelines”.
<input type="checkbox"/> The Institutional Animal Experiment Committee is established; however, there are some matters to be improved.
<input type="checkbox"/> The Institutional Animal Experiment Committee is not established.
2) References for self-inspection
• OIST Detailed Stipulations for Animal Care and Use Committee
• The 31 and 32 meeting minutes of the Animal Care and Use Committee
3) Reasons for the evaluation. Specify the issues that need improvement, if any.
• Institutional Animal Experiment Committee is properly operated.
4) Plan for improvement / Estimated time of accomplishment

- Not applicable

3. System for Implementation of Animal Experiments. Is there a system for drafting, reviewing, approving, and reporting animal research protocols?

1) Evaluation

- A system for implementation of animal experiments has been established in compliance with the “Fundamental Guidelines”.
- A system for implementation of animal experiments is established; however, there are some matters to be improved.
- A system for implementation of animal experiments has not been established.

2) References for self-inspection

- OIST Animal Experiment Regulations
- Application for Approval of Animal Experiment
- Notification of Animal Experiment Completion

3) Reasons for the evaluation. Specify the issues that need improvement, if any.

- Institutional regulations and forms are properly established.

4) Plan for improvement / Estimated time of accomplishment

- Not applicable

4. Implementation of Animal Experiments which require Safety Management. Is there a safety management system to implement animal experiments using genetically modified or infected animals?

1) Evaluation

- A system for implementation of animal experiments which require safety management has been established in compliance with the “Fundamental Guidelines”.
- A system for implementation of animal experiments which require safety management has been established; however, there are some matters to be improved.
- A system for implementation of animal experiments which require safety management has not been established.
- No animal experiments which require safety management, are conducted.

2) References for self-inspection

- OIST Recombinant DNA Experiment Rules
- OIST Biosafety Management Rules

3) Reasons for the evaluation. Specify the issues that need improvement, if any.

<ul style="list-style-type: none"> • Recombinant DNA Committee and Biosafety Committee are operating properly.
4) Plan for improvement / Estimated time of accomplishment <ul style="list-style-type: none"> • Not applicable

5. System for Laboratory Animal Care and Management. Is there a system for laboratory animal care and management, and is a laboratory animal manager assigned for each facility?

1) Evaluation result <ul style="list-style-type: none"> <input checked="" type="checkbox"/> A system for animal care management is established in compliance with the “Fundamental Guidelines”, and a laboratory animal manager has been assigned to each facility. <input type="checkbox"/> The current system for animal care management nearly complies with the “Fundamental Guidelines”; however, there are some matters to be improved. <input type="checkbox"/> There are many matters to be improved.
2) References for self-inspection <ul style="list-style-type: none"> • OIST Animal Experiment Regulations
3) Reasons for the evaluation. Specify the issues that need improvement, if any. <ul style="list-style-type: none"> • Animal facilities are operated properly by Laboratory Animal Manager.
4) Plan for improvement / Estimated time of accomplishment <ul style="list-style-type: none"> • Not applicable

6. Other. Specific matters that should be mentioned for implementing animal experiments, and their inspection/evaluation.

Not applicable

II. Implementation

1. Institutional Animal Experiment Committee
(Activities of the Institutional Animal Experiment Committee comply with Institutional Regulations)

1) Evaluation result <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Functions properly in compliance with the “Fundamental Guidelines”. <input type="checkbox"/> Almost functioning; however, there are some matters to be improved. <input type="checkbox"/> There are many matters to be improved.
2) References for self-inspection

<ul style="list-style-type: none"> • OIST Animal Experiment Regulations • OIST Detailed Stipulations for Animal Care and Use Committee • OIST Animal Care and Use Committee Minutes • Applications for Approval of Animal Experiments • Notifications of Animal Experiment Completion • Records of Education and Training
<p>3) Reasons for the evaluation. Specify the issues that need improvement, if any.</p> <ul style="list-style-type: none"> • The Institutional Animal Experiment Committee functions in accordance with Animal Experiment Regulations and Detailed Stipulations for the Animal Care and Use Committee.
<p>4) Plan for improvement / Estimated time of accomplishment</p> <ul style="list-style-type: none"> • Not applicable

2. Implementation of Animal Experiments. Are drafting, reviewing, and approval of protocols, and reporting systems in practice?

<p>1) Evaluation result</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Animal experiments are being conducted in compliance with the “Fundamental guidelines”. <input type="checkbox"/> Animal experiments are being conducted in compliance with institutional regulations; however, there are some matters to be improved. <input type="checkbox"/> There are many matters to be improved.
<p>2) References for self-inspection</p> <ul style="list-style-type: none"> • OIST Animal Experiment Regulations • Application for Approval of Animal Experiment • Animal Care and Use Committee Minutes • Notification of Animal Experiment Completion
<p>3) Reasons for the evaluation. Specify the issues that need improvement, if any.</p> <ul style="list-style-type: none"> • The Review of Application for Approval of Animal Experiment and Notification of Animal Experiment Completion is provided.
<p>4) Plan for improvement / Estimated time of accomplishment</p> <ul style="list-style-type: none"> • Not applicable

3. Implementation of Animal Experiments which Require Safety Management. Are animal experiments conducted safely?

<p>1) Evaluation result</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Animal experiments are functioning in compliance with the “Fundamental Guidelines”. <input type="checkbox"/> Almost functioning; however, there are some matters to be improved. <input type="checkbox"/> There are many matters to be improved. <input type="checkbox"/> No animal experiments are conducted.
<p>2) References for self-inspection</p> <ul style="list-style-type: none"> • OIST Animal Experiment Regulations • OIST Recombinant DNA Experiment Rules • OIST Biosafety Management Rules • Application for Approval of Animal Experiment
<p>3) Reasons for the evaluation. Specify the issues that need improvement, if any.</p> <ul style="list-style-type: none"> • Animal experiments that require safety management are conducted safely.
<p>4) Plan for improvement / Estimated time of accomplishment</p> <ul style="list-style-type: none"> • Not applicable

4. Care and Management of Experimental Animals. Are care and management of experimental animals conducted properly, according to SOPs, manuals, etc.?

<p>1) Evaluation result</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Properly functioning in compliance with the “Fundamental guidelines”. <input type="checkbox"/> Almost functioning, however, there are some matters to be improved. <input type="checkbox"/> There are many matters to be improved.
<p>2) References for self-assessment</p> <ul style="list-style-type: none"> • OIST Animal Experiment Regulations • Animal Facility Operation Manual
<p>3) Reasons for the evaluation. Specify the issues that need improvement, if any.</p> <ul style="list-style-type: none"> • Properly conducted.
<p>4) Plan for improvement / Estimated time of accomplishment</p> <ul style="list-style-type: none"> • Not applicable

5. Facility Maintenance and Operation. Are the animal facilities properly maintained? Is renovation planned, if needed?

<p>1) Evaluation result</p> <ul style="list-style-type: none"> <input type="checkbox"/> Properly functioning in compliance with the “Fundamental guidelines”. <input checked="" type="checkbox"/> Almost functioning, however, there are some matters to be improved.

<input type="checkbox"/> There are many matters to be improved.
2) References for self-inspection <ul style="list-style-type: none"> • Facility inspections conducted by the Animal Use and Care committee on May 31 and November 22, 2018.
3) Reasons for the evaluation. Specify the issues that need improvement, if any. <ul style="list-style-type: none"> • There were some tanks which were not easy to observe animals' condition in the Zebrafish facility. As the countermeasures, frequency of tank washing was increased.
4) Plan for improvement / Estimated time of accomplishment <ul style="list-style-type: none"> • Not applicable

6. Implementation of Education and Training Programs. Are the education and training programs for laboratory animal managers, researchers, and animal care staff in practice?

1) Evaluation result <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Properly functioning in compliance with the “Fundamental guidelines”. <input type="checkbox"/> Almost functioning; however, there are some matters to be improved. <input type="checkbox"/> There are many matters to be improved.
2) References for self-inspection <ul style="list-style-type: none"> • OIST Education and Training Implementation Status Report (FY2011)
3) Reasons for the evaluation. Specify the issues that need improvement, if any. <ul style="list-style-type: none"> • Education and training programs for laboratory animal managers, researchers, and animal care staff are appropriately implemented.
4) Plan for improvement / Estimated time of accomplishment <ul style="list-style-type: none"> • Not applicable

7. Self-inspection, Evaluation and Disclosure. Are self-inspection, evaluation, and disclosure implemented in compliance with the Fundamental Guidelines?

1) Evaluation <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Properly functioning in compliance with the “Fundamental guidelines” <input type="checkbox"/> Almost functioning; however, there are some matters to be improved. <input type="checkbox"/> There are many matters to be improved.
2) References for self-inspection <ul style="list-style-type: none"> • Self-assessment of Animal Experiment and Evaluation Report • OIST Detailed Stipulations for Institutional Animal Experiment Committee
3) Reasons for the evaluation. Specify the issues that need improvement, if any.

<ul style="list-style-type: none">• Self-inspection, evaluation, and disclosure were appropriately implemented.
4) Plan for improvement / Estimated time of accomplishment
<ul style="list-style-type: none">• Not applicable.

8. Other. Institute original self-inspection/evaluation for implementation of animal experiments.

Not applicable
