

Self-inspection and Evaluation
Animal Experiments and Related Activities
PY 2020

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.
• Relevant institutional regulations are established.
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
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
<input checked="" type="checkbox"/> A system for implementation of animal experiments has been established in compliance with the “Fundamental Guidelines”.
<input type="checkbox"/> A system for implementation of animal experiments is established; however,

<p>there are some matters to be improved.</p> <p><input type="checkbox"/> A system for implementation of animal experiments has not been established.</p>
<p>2) References for self-inspection</p> <ul style="list-style-type: none"> • OIST Animal Experiment Regulations • Application for Approval of Animal Experiment • 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"> • Institutional regulations and forms are properly established.
<p>4) Plan for improvement / Estimated time of accomplishment</p> <ul style="list-style-type: none"> • Not applicable

4. Implementation of Animal Experiments that require Safety Management.

Is there a safety management system to implement animal experiments using genetically modified or infected animals?

<p>1) Evaluation</p> <ul style="list-style-type: none"> ■ A system for implementation of animal experiments which require safety management has been established in compliance with the “Fundamental Guidelines”. <input type="checkbox"/> A system for implementation of animal experiments which require safety management has been established; however, there are some matters to be improved. <input type="checkbox"/> A system for implementation of animal experiments which require safety management has not been established. <input type="checkbox"/> No animal experiments requiring safety management are conducted.
<p>2) References for self-inspection</p> <ul style="list-style-type: none"> • OIST Recombinant DNA Experiment Rules • OIST Biosafety Management Rules
<p>3) Reasons for the evaluation. Specify the issues that need improvement, if any.</p> <ul style="list-style-type: none"> • Biosafety Committee are operating properly.
<p>4) Plan for improvement / Estimated time of accomplishment</p> <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?

<p>1) Evaluation result</p> <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.
<p>2) References for self-inspection</p> <ul style="list-style-type: none"> • OIST Animal Experiment Regulations
<p>3) Reasons for the evaluation. Specify the issues that need improvement, if any.</p> <ul style="list-style-type: none"> • Animal facilities are operated properly by Laboratory Animal Manager.
<p>4) Plan for improvement / Estimated time of accomplishment</p> <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)

<p>1) Evaluation result</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Functions properly in compliance with the “Fundamental Guidelines”. <input type="checkbox"/> Generally well-functioning; 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 • 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 • Assessment Sheet Regarding the Section 6-2

<ul style="list-style-type: none"> 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 are 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"/> Generally well-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.
2) References for self-inspection <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
3) Reasons for the evaluation. Specify the issues that need improvement, if any. <ul style="list-style-type: none"> • Animal experiments that require safety management are conducted safely.
4) Plan for improvement / Estimated time of accomplishment <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.?

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

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

1) Evaluation result <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Properly functioning in compliance with the “Fundamental guidelines”. <input type="checkbox"/> Generally well-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 29 (No facility inspection by the Committee because of Zoom meeting) and November 20, 2020.

<p>3) Reasons for the evaluation. Specify the issues that need improvement, if any.</p> <ul style="list-style-type: none"> • The findings and/or issues identified by the committee are adequately managed by the Vivarium Operation Committee, Animal Resources Section, and OKINAWA Marine Science Support Section.
<p>4) Plan for improvement / Estimated time of accomplishment</p> <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?

<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"/> Generally well-functioning; 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 Education and Training Implementation Status Report (FY2020)
<p>3) Reasons for the evaluation. Specify the issues that need improvement, if any.</p> <ul style="list-style-type: none"> • Education and training programs for laboratory animal managers, researchers, and animal care staff are appropriately implemented.
<p>4) Plan for improvement / Estimated time of accomplishment</p> <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?

<p>1) Evaluation</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Properly functioning in compliance with the “Fundamental guidelines” <input type="checkbox"/> Generally well-functioning; 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"> • Self-assessment of Animal Experiment and Evaluation Report • OIST Detailed Stipulations for Institutional Animal Experiment Committee • OIST HP
<p>3) Reasons for the evaluation. Specify the issues that need improvement, if any.</p> <ul style="list-style-type: none"> • Self-inspection and self-evaluation are conducted in compliance with the “Fundamental Guidelines.” • Disclosure of information has been opened through OIST HP

4) Plan for improvement / Estimated time of accomplishment

- Not applicable.

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

Temporary animal housing and animal experiments in Laboratory 4, were conducted adequately (Up to build Laboratory 5 up)