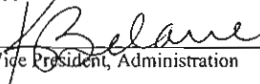
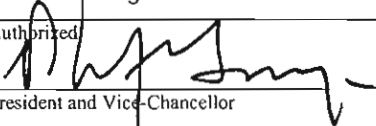
 <p>McMaster University Risk Management Manual</p>	<p>RMM # 604 Title: Adenovirus Biocontainment Downgrade Criteria</p>	<p>Date: November 2008 Page: 1 of 3</p>
<p>Submitted: Chair, Biosafety Advisory Committee</p>	<p>Approved:  Vice President, Administration</p>	<p>Authorized:  President and Vice-Chancellor</p>

1 PURPOSE

- 1.1 To set out the conditions under which animals infected with Level 2 adenovirus may be downgraded to Level 1 containment within the guidelines set out by the Public Health Agency of Canada (PHAC) and the Canadian Food Inspection Agency (CFIA). The Presidential Biosafety Advisory Committee sets McMaster policy to comply with the guidelines.
- 1.2 This policy provides guidance to principal investigators, staff and students. It sets out the conditions under which the Presidential Biosafety Advisory Committee will give approval for a downgrade from Level 2 to Level 1. Approval must be sought from the Presidential Biosafety Advisory Committee prior to the start of work.


Animals may be downgraded from Level 2 to Level 1 biocontainment not less than 7 days after the last injection of adenovirus when the conditions set out below have been complied with.

2 SCOPE

- 2.1 This document applies only to animal work, which has been approved by the Animal Research Ethics Board and the Presidential Biosafety Advisory Committee.

3 RELATED DOCUMENTS

- 3.1 *Laboratory Biosafety Guidelines*, Public Health Agency of Canada, 3rd edition, 2004.
- 3.2 Public Health Agency Canada, Material Safety Data Sheet for Adenovirus.
- 3.3 Animal Utilization Proposal, McMaster University
- 3.4 Standard Operating Procedures for CAF.

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4 DEFINITIONS

- 4.1 Adenovirus refers only to a type 5 construct with deletions at E1 or E3. Type 2 adenovirus are not covered by this policy.

Acronyms

- PBAC – Presidential Biosafety Advisory Committee
- PHAC – Public Health Agency of Canada
- CFIA – Canadian Food Inspection Agency

5 RESPONSIBILITIES

- 5.1 Supervisors have the responsibility to ensure that all animal and biohazard work has obtained approval through the appropriate committees.


Supervisors have the responsibility to ensure that their staff, students and volunteers work within the policies, guidelines and approval conditions as set out.

Supervisors have the responsibility to ensure that documentation is available to guide workers through the procedures.

- 5.2 Workers have the responsibility to work within the procedures as set out by their supervisors.
- 5.3 The Presidential Biosafety Advisory Committee has the responsibility to review the documentation presented and provide guidance based on the Public Health Agency of Canada's *Laboratory Biosafety Guidelines*.

6 PROCEDURES

- 6.1 Documentation will be presented to the PBAC on the agent, route of administration, species and recovery results, which shows no viral recovery at 7 days.
- 6.2 The agent is adenovirus type 5 with deletion at E1 or E3.
- 6.3 The agent is injected at not more than 10^9 pfu.

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- 6.4 The project has been reviewed and approved by the McMaster Presidential Biosafety Advisory Committee and the McMaster University Animal Research Ethics Board.
- 6.5 The project follows standard operating procedures.

7 RECORDS

- 7.1 Approval records for the Biosafety Advisory Committee will be maintained by the FHSc. Safety Office, HSC 3N1C and by the Animal Research Ethics Board