

**OHS RISK ASSESSMENT AND CONTROL FORM**Risk Assessment Completed by:  
Kate Dixon - HSOFaculty: **Science**School: **Molecular & Biomedical Science**

RMSS/RA #:

Initial Issue Date:

10th May 2010

Current Version:

1

Current Version Date:

10th May 2010

Next Review Date:

10th May 2014

**Risk Assessment Title:** GROWING A549 TO CREATE ADENOVIRUS, ENTEROVIRUS & HSV1**Step 1: Identify the activity**

Describe the activity:

Growing A549 cells and creating Adenovirus, Enterovirus (Echo-6) and HSV-1

Describe the location:

Lab 3.35

**Step 2: Identify who may be at risk by the activity**

Staff/students conducting the activity, persons accessing the storage facilities

**Step 3: Identify the hazards, risks, and rate the risks**

- Using the following table, identify the risks and hazards associated with the particular plant, chemical or process.
- List existing controls and determine a risk rating using MBS Risk Rating Procedure.
- Additional risk controls may be required to achieve an acceptable level of risk. Re-rate the risk if additional controls are required.

C: Consequence      L: Likelihood      R: Rating L - VH

Hazards	Associated Risks	Risk Rating with current controls:			Controls	Risk Rating with Additional Controls:		
		C	L	R		C	L	R
Biological	Illness/affects from exposure to biological agents/virus	m (Moderate)	R (Rare)	L (Low)	Training must be provided by a competent person before commencing the process to ensure compliance with SOP. SOP available Safety glasses, gloves and lab coat to be worn during the process. All biological waste disposed of in accordance with school guidelines. Appropriate spill kit readily available. Area to be cleaned before and after the process has been conducted. All samples in freezers must be clearly and appropriately labelled.			
Temperature	cold burns from -80 freezers.	M (Major)	U (Unlikely)	M (Medium)	SOPs must be available. Users required to wear ultra-cold protective gloves, lab coat and safety glasses.			
Electricity	Electric shock from electrical components of equipment used during the process.	M (Major)	R (Rare)	M (Medium)	Items electrically tested and tagged as per Australian Standard. Check that testing tags are current. Equipment to be maintained as per manufacturer's recommendations.			

**Step 4: Documentation and initial approval:**

Completed by: Kate Dixon	Signed: Kate Dixon	Subject Matter Expert: Georget Reaiche	Date: 10th May 2010
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**Step 5: Implement the controls/any additional controls identified**

Indicate briefly any additional controls that have been implemented, when and by whom.		
Risk Control:	Date:	Implemented by:
Risk Control:	Date:	Implemented by:
Risk Control:	Date:	Implemented by:

**Step 6: Monitor and review the risk controls**

It is important to monitor risk controls and review risk assessments regularly. Review is required when there is a change in the process, relevant legal changes, and where a cause for concern has arisen. If the risk assessment has substantially changed, a new risk assessment is warranted.

Review Date:	Reviewed by:	Authorised by:
Review Date:	Reviewed by:	Authorised by:
Review Date:	Reviewed by:	Authorised by:
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Review Date:	Reviewed by:	Authorised by:

**Step 7: Add to Hazard Register**

If the identified risk is medium or above after controls have been implemented, the Activity should be signed of by the Head of School and then transferred to the Hazard Register.

Date entered onto Hazard Register:	Head of School Signature:
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