

**OHS RISK ASSESSMENT AND CONTROL FORM**

Risk Assessment Completed by:  
Kate Dixon - HSO, Tony Richardson - Infrastructure Manager

Faculty: **Science**School: **Molecular & Biomedical Science**

RMSS Number:

Initial Issue Date:

3rd September 2010

Current Version:

1

Current Version Date:

3rd September 2010

Next Review Date:

3rd September 2015

**Risk Assessment Title:**

BIORUPTOR UD - 200

**Step 1: Identify the activity**

Describe the activity:

Using the Bioruptor

Describe the location:

2nd Floor

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

Staff/students using the equipment, any staff and students that are in the same room or in close proximity to the Bioruptor.

**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
Noise	hearing loss/damage due to high frequency sound.	M (Moderate)	U (Unlikely)	M (Medium)	Sound minimising hood must be in place before the equipment is started. Ear muffs must also be worn. Time of use should be scheduled where possible, to times when the room is unoccupied.			
Biological	Illness from exposure to biological agents	M (Moderate)	L (Unlikely)	M (Medium)	Safe Operating Procedures must be followed at all times. A sealed receiver is used to prevent aerosols. Clean up of equipment must be completed after every run with an appropriate disinfectant (70% w/w ethanol). Lab coat, safety glasses and lab coats must be worn when operating this equipment.			

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

Completed by: Kate Dixon	Signed: Kate Dixon	Subject Matter Expert: Antony Richardson	Date: 3rd September 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:
Review Date:	Reviewed by:	Authorised by:
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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