



Risk Assessment – RMU-RA-010

RMU Laboratories Risk Assessment: 24 Hour Incubation of Class II bacteria for DNA extraction.

All personnel have a duty of care to themselves and to those around them. The risks identified and set out in this document will enable persons to employ the relevant health and safety measures required to be able to handle and work within the RMU laboratories.

Personnel must make sure that their work is carried out in the approved way and in accordance with University policy, ensure that all training given is followed and that all relevant COSHH, MSDS and SOP's have been read and understood.

Carried out by: Samantha Thulborn	Date carried out: January 2015	Review Date: January 2016
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Hazard – Dealing with respiratory pathogen and working with genetically modified organisms.	Affected Groups – Staff, Students and Visitors carrying out work in RMU laboratories	Risk - Medium
Existing Controls – All samples are from a low risk population but should be treated in safe practice. Ensure staff have filled in a health questionnaire and had an appointment with occupational health where needed. PPE (Gloves, lab coat and safety glasses) worn at all times while handling samples. All work with a Class II bacterium is carried out in a class II microbiological cabinet, which protects the laboratory worker and surrounding environment from pathogens by HEPA- filtering the air (removing harmful pathogens). GMO risk assessment submitted. Full training is given and recorded.		Further Action Required – Continual re-assessment of the situation as the research progresses.

Hazard – Use of centrifuges, which could cause physical harm to individuals.	Affected Groups: Staff, Students and Visitors carrying out work in RMU laboratories	Risk - Low
Existing Controls - Ensure that centrifuges are cleaned properly and with non-corrosive detergents. Ensure that usage of rotors and centrifuge is recorded where relevant. Ensure that centrifuges are serviced on a regular basis. Ensure that all users are trained in the proper and safe use of centrifuges. Full training is given and recorded.		Further Action Required – No

Hazard – RSI caused by prolonged use of pipettes.	Affected Groups – Staff, Students and Visitors carrying out work in RMU laboratories	Risk - Low
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<p>Existing Controls - Maintain a correct posture while pipetting. Take regular breaks. Ensure all personnel are trained in good pipetting techniques. Ensure full training is given and recorded.</p>	<p>Further Action Required – No</p>	
<p>Hazard – Inadequate clear up of Spillages, could cause harm to individual.</p>	<p>Affected Groups – Staff, Students and Visitors carrying out work in RMU laboratories</p>	<p>Risk - Low</p>
<p>Existing Controls - Ensure all spillages are cleaned up according to protocol and signs displayed as a warning where needed</p>	<p>Further Action Required – No.</p>	