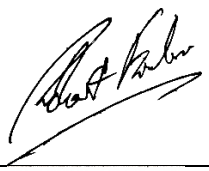
UNIVERSITY OF SUSSEX

School of Life Science
Risk Assessment – HTA
Safety of Personnel

RA Reference:	**RA/HTA/006**
	1.0
Date:	**24/05/2018**
Review by:	**30/05/2020**

Author: Dr Robert Fowler **Designation:** Persons Designate – School of Life Sciences	**Signature** 	**Date** 24/05/2018
Authorised By: Dr Georgios Giamas **Designation:** Designated Individual School of Life Sciences HTA Research Licence		24/05/2018
Expert Authorisation **Designation:** **Contact Details**		

Version	Date	Reason for Change

Risks should be evaluated using the following system, assessing the Likelihood (L) of the risk and the Severity (S) of the risk if it was to occur:

Likelihood of risk	**5**	Almost Certain	**5**	**10**	**15**	**20**	**25**
	4	Very Likely	**4**	**8**	**12**	**16**	**20**
	3	Likely	**3**	**6**	**9**	**12**	**15**
	2	Unlikely	**2**	**4**	**6**	**8**	**10**
	1	Very Unlikely	**1**	**2**	**3**	**4**	**5**
			No tissue damage/loss	Minor tissue damage/loss	Significant tissue damage/loss	Tissue destroyed but replaceable	Tissue destroyed and irreplaceable
			No risk to personnel	Minor risk to personnel	Medium risk to personnel	Significant risk to personnel	Major risk to personnel
			1	**2**	**3**	**4**	**5**
			Severity of risk				

Score Action to be taken:
0-5 No further action needed.
6-9 Appropriate additional control measures should be implemented
10-25 Work should not be started or should cease until appropriate, additional, control measures are implemented.

Reducing risk: procedural planning, contingency planning, personnel training and re-evaluation of procedures can be considered to reduce risk.

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Section 1 – Storage

SCHOOL : LIFE SCIENCES	GROUP : HTA	TASK / ACTIVITY: Safety of Personnel

Section 2 - Identifying Hazards		**Section 3 - Existing Control Measures**	**Section 4 – Evaluating** Risk	**Section 5 – Action Plan**				
Hazard	**Persons/material at risk and how affected**	**Existing Control Measures**	**Risk Rating** (LxS=R)	**Action required to control risk**	**Risk Rating** (LxS=R)	**Action by Whom**	**Deadline for action**	**Date completed**
Example	*Type the text in here to describe the hazard*	*Describe any existing control measures*	*4 x 5 = 20*	*Type the text in here to describe the action required to reduce the risk to an acceptable level*	*4 x 1 = 4*	*The name of the person given the action – they must agree to it!*	*The date by which the action is to be completed*	*Date actually completed*
Pathogen transmission during sample acquisition	Researcher's taking the samples, could contract pathogens or be at risk of this	- University Policy on working with Human Tissue is read by users - Guidance on how to take samples (saliva) is given in the HTA/SOP/18 for Psychology (where the majority of samples are collect on site). - If blood samples are collected, trained phlebotomists are used in a separate facility in association with BSMS.	1 x 4 = 4	.				
Pathogen transmission during working with Human Tissue	Researcher's working with the samples could contract pathogens or be at risk of this	- University Policy on working with Human Tissue is read by users - Guidance on how to work with samples (tissue) is given in the HTA/SOP/17 for GDSC (where the majority of	1 x 3 = 3					

		samples are processed on site). - Completion of RA and COSHH forms before work begins on each project						
Cryogenic burn or asphyxiation whilst working with LN2 storage units	- Researchers and technicians	- For those working with samples stored in cryogenic freezers, full training is given via a one-to-one induction about the safe use of storage vessels and the liquid nitrogen. -The current facility is auto-fed LN2 which excludes dangers from manual filling of Dewars. - Oxygen monitors are fitted in the LN2 storage facility - PPE of cryo-gloves, visors and lab coats are provided for users.	3 x 1 = 3					

lth monitoring required?	Yes
Is a more detailed assessment (e.g. Clinical Risk, COSHH, Manual Handling, Display Screen Assessment) required? Please state which one:	No, unless the samples are suspended in something which could be considered a hazardous chemical, then COSHH should be completed.
Is further information or investigation required to complete risk assessment?	No

Section 7 - Assessment Sign Off

ASSESSOR'S NAME : ROBERT FOWLER	JOB TITLE : TECHNICAL COORDINATOR
DATE OF ASSESSMENT : 24/05/2018	REASSESSMENT DATE : 30/05/2020
	A
	B
	C
	D
	E
ASSESSOR'S SIGNATURE :	SAFETY OFFICER'S SIGNATURE :

PERSON INVOLVED NAME	SIGNATURE	DATE
Dr Georgios Giamas		


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