PROPOSAL FORM FOR ASSESSMENT OF GENETIC MANIPULATION WORK

	GMAC Ref No.:(For official use only)						
Name	Name of Principal Investigator:						
Name	of Institution :						
Experiment Risk Group (please check the appropriate box):							
	Category A Category B	Category C					
Α.	A. Experimental detail (attach separate sheet if necessary)						
1.	Project title (Please provide reference numbers for projects with the same title.)						
2.	Research unit involved						
3.	Experimental objective						
4.	Rationale for the experiment						

5.	5. Scope of experiment – involvement of		
		Microorganisms and/or viruses	
		Toxins	
		Animals	
		Cells	
		Others, please specify:	
	Note	e: For experiments that involve animals, cells and/or others, <u>please</u> <u>proceed to 6 and the rest</u> , but <u>skip 7 & 8</u> . For experiments that involve microorganisms, viruses and/or toxins, <u>please skip 6</u> and proceed to the rest of the form. For experiments that involve multiple experimental organisms (i.e. animals/cells together with microorganisms/viruses/toxins), please proceed to fill up <u>all</u> relevant questions.	
6. Project with experiment involving animals/cells/others			
a.	Can t	ne modification result in a predictable change of the following:	
	i) Increased oncogenicity: □Yes □No		
	ii) Potential to change natural microbiome/ecology of the organism: □Yes □No		
	Deta	ils, if "yes":	
b.		cription of gene(s) involved, gene construct(s) and intended erimental host system.	
C.		hod of gene delivery (bacteriophage, vectors, breeding, injection, ogical delivery vehicle/carrier etc.)	

7. Project with experiment involving microorganisms/viruses/toxins				
a.	Nam	e of microorganism/virus/toxin:		
b.	Age i)	e microorganism/virus/toxin listed under the BATA List of Biological ents and Toxins, and/or a potential human pathogen? If Yes, provide the BATA Schedule: If No, provide the risk grouping (for biological agent):		
C.	Brief	description of gene modification on the microorganism/virus:		
	i)	Gene(s) involved and gene construct(s) and intended experimental host system (if chimeric microorganism is created, please specify the backbone and the inserted genes):		
	ii)	Natural host of microorganism/virus:		
	iii)	Method of gene delivery (transformation, conjugation, vectors, breeding, injection, biological delivery vehicle/carrier etc. For HIV lentiviral and retroviral vectors, please specify the generation):		

8. For dual use research of concern (DURC) (This section is to screen for DURC relating to research work involving GMOs-microorganisms/viruses/toxins. Kindly fill up the following questions to the best of your abilities.)				
Is there a reasonable possibility that the modification might result in a change of the following?				
(If unsure, choose "Yes" and explain under Details).				
i) Increase in host range: Yes				
Details, if "yes" to any of the above: (e.g. if the resultant product has increased drug resistance, please provide info on the extent of the resistance, and if there is still effective drug or treatment for infected individuals)				
9. Duration of the experiment□1 year				
□2 years □3 years				

10.	The proposed work will be performed in the following biocontainment level:	
	□BSL1/ABSL1 □BSL2/ABSL2 □BSL2+/ABSL2+ □BSL3/ABSL3	
11.	Measures to ensure containment, safe handling, storage and disposal	
12. For organism/microorganism		
a.	experimental GMO Material to be obtained from (please note requirements r import permit for importation of biological agents and/or toxins regulated ander the BATA):	
b.	Anticipated date of transfer or receipt:	
13.	PI's declaration:	
	I declare that the above information is accurate and complete based on risk assessment, and to the best of my knowledge.	
	I recognise that the actual risk may defer from the assessed risk. I will continue to monitor the risk of the project and the genetically modified organism. Should the risk assessment change with respect to 8 and/or 10, I will stop work immediately and notify the IBC, which will then notify MOH and GMAC.	

Submitted by PI:				
Pl's Name and Signature	Appointment / Laboratory	 Date		
Contact Details				
Address :				
Business Tel Number :	Fax Number	:		
Business Email :				
Reviewed by IBC:				
IBC Chairman's Name and	n Signaturepplicable for Category A experimen	Date		
Please indicate if approval	has been sought from relevant regulated has been recommended	atory authority		
If yes, please provide copy	of document or reference.			
If no, please explain why.				
*(highlight where applicable)				
For a list of regulatory contact points, please refer to Section 6.6 and 6.7 (page 26-28).				