**Monitoring Cover Sheet**

1. **CONTACT DETAILS**

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| **AEC Protocol #** | **RA/3/** | |
| **Protocol Title :** | **Mouse Tumour study#8** | |
| **Monitoring Start Date :** | **2003-02-21** | |
| **Chief Investigator :** | **Josh Goh** | **Ph: 12323423423** |
| **Emergency Contact :** | **Jonathan Kok** | **Ph: 1342423423234** |
| **Monitor 1 :** | **Andrew Davis** | **Ph: 142323423** |
| **Monitor 2 :** | **Dan Jiang** | **Ph:13423243234** |
| **Monitor 3 :** | **Sean Liu** | **Ph: 234242342234234** |
| 🞏 under supervision until competent **- Ticked** |
| **Person responsible for euthanasia :** | **Jainish Pithadiya** | **Ph: 234234234233** |
| **Other experts :** | **Deidre Bourke** | **Ph: 1323423423233** |
| **Animal Welfare Officer** | **AWO** | Ph: **0428 021 529** |

1. **SPECIES / PHENOTYPE / MODEL ISSUES**

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| **Mouse** |

1. **MONITORING CRITERIA AND SCORING**

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| **Standard AEC recommended criteria** | **0** | **1** | **2** |
| **Activity – i.e. movement around the cage  Bright, Alert, Responsive (BAR)** | **Normal – mobile and active** | **Somewhat and/or intermittent stillness as compared to others** | **Will only move if approached or reluctant to move when touched. Moderately reduced activity, dull, lethargic** |
| **Body Posture** | **Normal** | **Somewhat and/or intermittent hunched appearance** | **Moderate/continuous hunching and still** |
| **Social Behaviour   (only relevant for group housed animals)** | **Normal** | **Somewhat or intermittently separate from others** | **Completely separate or isolated from others** |
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| **Project specific criteria -** *Select criteria that will adequately identify potential issues (including those described in section17D)* | **0** | **1** | **2** |
| **Coat quality/skin condition** | **Normal. Coat flat and glossy, showing evidence of normal grooming behaviour.** | **Somewhat ruffled or unkempt or mild piloerection. Somewhat scaly, scurfy or reddened or discolouration of skin.** | **Moderately ruffled or moderate piloerection consistent with failure to groom. Moderate scale and scurf, scratches or moderate discolouration of skin.** |
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| **Other presenting signs/symptoms**  Although the most relevant monitoring criteria have been selected, if a circumstance arises where there are additional presenting signs or behaviours, these must be acknowledged, scored, recorded and reported to the AWO as an adverse | None identified | Slight or intermittent or possible deviation from normal for this sign. | Moderate or consistent or definite deviation from normal but not marked, for this sign. |

1. **MONITORING FREQUENCY**

*Describe monitoring regime including frequency of animal assessment and weighing. Select frequency that will adequately identify potential issues (including those described in section17D).*

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| **Every 2 days** |

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| **Type of recording sheet I**nsert **X**  *to indicate type of recording sheet/s attached)* | | | |
| General: **X** | Anaesthesia: **X** | Post Procedure: **X** | Other**:Tumour Size** |

1. **ACTIONS AND INTERVENTIONS**

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| **Total Welfare Impact Score**  *Add together all individual monitoring criteria scores for a Total Welfare Impact Score.* | **Actions/Interventions** |
| **0** | **- No interventions required** |
| **1** | **- Monitor once daily Consider analgesia (as described in the approval or following veterinary authorisation)** |
| **2-4** | **- Monitor twice daily - Weigh - Consider analgesia (as described in the approval or following veterinary authorisation) - Assess for euthanasia** |
| **5 - Humane end-point** | **- Immediate euthanasia - Complete reporting documentation and submit to facilities staff/manager andAWO if required** |

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| **Additional Specific Interventions** *(i.e. to manage project specific criteria indicated above, or specific husbandry care)* | *For this project, select appropriate actions and interventions to minimise impact on animal welfare for this specific health condition.* |
| **6** | **Take to disney land** |
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1. **AEC INTERVENTIONS for Body Weight Loss and Subcutaneous Tumour Size** *(as appropriate to the project)*

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| --- | --- | --- | --- |
| Please referto *Guidelines on the Induction of Tumours and Monitoring of Animal Welfare* and *Guidelines on Body Weight Deficit and Monitoring of Animal Welfare* documents at: www.research.uwa.edu.au/staff/forms/animals | | | |
| ***NB. When body weight loss Threshold 2 is set at 10% the AEC does not require a dual threshold. Therefore Threshold 1 should read N/A*** | | | |
| **Weight loss %\*** | **Threshold 1:** | **%12** | **Increase welfare monitoring frequency to: 5  Measure weight at a frequency of: 12  Notify the AWO or other approved reviewer.** |
| **Threshold 2:** | **%15** | * If the body weight deficit in any animal reaches this approved second threshold euthanasia must be performed. * Complete reporting documentation and submit to facilities staff/manager and AWO if required. |
| **Tumour size** | **Threshold 1:** | **98** | **Increase welfare monitoring frequency to: 34  Measure tumours at a frequency of: 23  Notify the AWO or other approved reviewer.** |
| **Threshold 2:** | **23** | * Immediate euthanasia. * Complete reporting documentation and submit to facilities staff/manager and AWO if required. |
| \*“In immature animals the assessment of a body weight deficit, as a manifestation of failure to thrive, may be based on a comparison with body weight in a comparable group of control animals or predicted body weight for age derived from a species-specific growth chart.” | | | |

1. **INSTRUCTIONS for the conduct of the monitoring and recording**

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| 1. Each animal is examined and observed for abnormalities at each monitoring point. 2. Each criterion is scored and the score marked on the recording sheet. Training is required to ensure all personnel are consistent in terms of scoring. 3. Scores are then added together and a **Total Welfare Impact Score** marked on the recording sheet. 4. Appropriate to the Total Welfare Impact Score, specific actions or interventions are undertaken. 5. Comments concerning abnormalities are recorded in the “Comments” section. 6. Any other abnormalities are recorded in the “Other” section. 7. Any abnormality that is observed to be of greater severity than the descriptions provided above will require immediate euthanasia of the animal. 8. All reporting documentation will be completed and submitted to facilities staff/manager and AWO if required. |