# General Risk Assessment



# Form RA1

(Refer to Notes for Guidance before completing this form)

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| --- | --- |
| **School Assessment No:** | R(D)SVS/The Roslin Institute |
| **Title of Activity:** | Host Busters |
| **Location(s), Date and Time of Work:** |  |
| **Brief Description of Work:**  HostBusters aims athelping 1st, 2nd and 3rd year secondary students understand bacteria pathogenesis and host-jumps. Participants will visualize bacterial dissemination using Glo Germ and will play a game which goal is to make their bacteria acquire the right virulence factors to adapt to a new host. | |

**Hazard Identification:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Hazard(s)** | **Present Risk**  **Evaluation**  L/M/H | **Control Measures**  (i.e. alternative work methods / mechanical aids / engineering controls etc.) | **Risk**  **Evaluation after control**  L/M/H |
| Slipping/tripping hazard: game pieces and coins | L | Game play will be supervised to ensure that all pieces stay on the desks. Any pieces that fall onto the floor will be picked up immediately. | L |
| GloGerm: Skin/eye  irritation from UV  powder | L | UV powder is nontoxic and contain no known skin irritants.  Participants will not have contact with the powder for extended periods of time and hands will be cleaned using wet wipers at the end of the activity.  Use of the powder will be closely supervised to ensure no contact with participant’s eyes. | L |
| Eye/skin  damage from UV  torches | L | UV torches provided emit 385nm  UVA light or “blacklight” which is the safest form of UV light.  Use of UV torches will be limited to checking fluorescence on participant’s hands and on a range of objects and participants will not be exposed to UV light for long periods.  The activity will be closely supervised and demonstrators will ensure that UV torches are not shone in anyone’s eyes. | L |
| Coins: choking hazard | L | Participants will be supervised at all time during the game. Coins are big to limit choking hazard. | L |

**Engineering Controls:** none required

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Guarding |  | Extraction (LEV) |  | Interlocks |  | Enclosure |  |
| Other relevant information (incl. testing frequency if appropriate): | | | | | | | |

**Personal Protective Equipment (PPE):** Not required

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Eye / Face |  | Hand /Arm |  | Feet / Legs |  | Respiratory |  |
| Body (clothing) |  | Hearing |  | Other (Specify) | | | |
| Specify the grade(s) of PPE to be worn: n/a | | | | | | | |
| Specify when during the activity the item(s) of PPE must be worn: n/a | | | | | | | |

Non-disposable items of PPE must be inspected regularly and records retained for inspection

# Persons at Risk:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Academic staff |  | Technical staff |  | P’Grad students |  | U’Grad students |  |
| Maintenance staff |  | Office staff |  | Cleaning staff |  | Emergency personnel |  |
| Contractors |  | Visitors |  | Others |  |  |  |

**Additional Information:** Identify any additional information relevant to the activity, including supervision, training requirements, special emergency procedures, requirement for health surveillance etc.

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| All staff and students will receive training, including H&S aspects, before running the activities. |

**Assessment carried out by:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name: |  | Date: |  |
| Signature: |  | Review Date: |  |