

# Case Study: Biorisk Assessment Methodologies and Models – Risk Assessment Activity

Please refer to the Risk Assessment Activity under the Risk Assessment tab for the complete case study risk assessment procedure. Here in summary you may input and graph the results from that activity.

| RESULTS: Biosafety Risk for Individual performing in vitro work                          |                |
|--|----------------|
| Biological Agent: _____  |                |
| Host: _____  |                |
| Laboratory Procedure: _____  |                |
| <i>Likelihood = geometric mean of likelihood of exposure and likelihood of infection</i> |                |
| <b>Likelihood of Inhalation Exposure and Infection:</b>                                  | <b>Values:</b> |
| $\sqrt{(\text{Inhalation Exposure} * \text{Inhalation Likelihood of Infection})} =$      |                |
| <b>Likelihood of Percutaneous Exposure and Infection:</b>                                |                |
| $\sqrt{(\text{Percutaneous Exposure} * \text{Percutaneous Likelihood of Infection})} =$  |                |
| <b>Likelihood of Direct Contact Exposure and Infection:</b>                              |                |
| $\sqrt{(\text{Contact Exposure} * \text{Contact Likelihood of Infection})} =$            |                |
| <b>Likelihood of Ingestion Exposure and Infection:</b>                                   |                |
| $\sqrt{(\text{Ingestion Exposure} * \text{Ingestion Likelihood of Infection})} =$        |                |
| <b>Consequence of Disease:</b>   |                |
| To human host  |                |

**Continued... Risk Assessment Activity**

