Tufts University / Tufts Medical Center

Exposure Response Plan
for
Adenovirus and Recombinant Adenoviral Vectors

• Adenovirus is primarily a respiratory or gastrointestinal pathogen which may also cause corneal damage.
• Replication-defective viral vectors may be complemented in vivo resulting in a replication competent vector.

Routes of Transmission in the Laboratory

• Eye Exposure
  Immediately rinse eye in eye wash station for 15 minutes.

• Aerosol Exposure to Mucous Membranes (nose and mouth)
  Immediately rinse nose and mouth with copious amounts of water.

• Needle stick
  Scrub area of injection for 15 minutes with large amounts of soap and water. Use iodine solution instead of soap if available.

Immediate Notifications

- Principal Investigator or Lab Supervisor
- Tufts University Police: 6-6911
- Tufts Medical Center: 6-5151
- TU/TMC Environmental Health and Safety Office: 6-3615
  - Biosafety Officer for Medford: 636-2919
  - Biosafety Officer for Boston: 636-0964
  - If after hours, TU Police/TMC Security will notify the relevant Biosafety Officer directly.

Contact Tufts Medical Center Employee Health (636-5480) for guidance on appropriate medical treatment if needed, or upon recommendation of PI or Biosafety staff.

Signs and Symptoms of Disease Caused by Adenoviruses

• Respiratory illness (common cold)
• Fever
• Cough
• Conjunctivitis

Development of Symptoms:

Adenovirus is the causative agent of the common cold.
  • Development of symptoms will not always result from an exposure in the lab.

Update 11/06/09
Individuals should treat symptoms as they would a common cold.
If symptoms develop within 1-10 days of a known exposure, notification should be made to:
- Principal Investigator
- Tufts University Environmental Health and Safety Office: 6-3615
  - Biosafety Officer for Medford: 636-2919
  - Biosafety Officer for Boston: 636-0964

Any significant research related accidents and illnesses associated with recombinant adenoviral research must be reported to NIH OBA within 30 days. The Tufts University Office of the Vice Provost is responsible for notifying NIH OBA.