Agent: Murine Leukemia Virus (MuLV), Strain LPBM5

The LPBM5 strain of MuLV is a defective virus that does not replicate, but is able to cause disease in mice. It is used in studies of AIDS pathogenesis, treatment, vaccination, molecular biology, and cures.

Potential Hazard: The agent is not easily transmitted even from mouse-to-mouse much less human-to-human. The major risk of infection is probably from needlestick when inoculating mice with the agent. There have been no reports of MuLV transmission from mice to humans.

Recommended Precautions: Biosafety Level II containment and management practices are more than adequate to contain MuLV.

References: