

**UNIVERSITY OF COLORADO DENVER
BIOMEDICAL WASTE STREAM SEGREGATION
DOWNTOWN CAMPUS**

If your biomedical wastes contains any **radioactive** materials or **chemicals**, these materials may not be addressed here.

Refer to the Radiation Safety Waste Manual and/or the Hazardous Waste Generators Manual
for instructions on disposal of those wastes or contact Health & Safety for assistance (303-724-0345).

If you are not located on Downtown Campus, contact the Biosafety Office, 303-724-0235 if you have questions.

<p>UCD contracts with a biomedical waste contractor for transport, final treatment and disposal of biomedical wastes in accordance with applicable state, local and federal regulations. The tubs they provide are for the transport of biomedical wastes and are a shared resource for UCD labs at the Auraria Higher Education Center campus. Tubs must be lined with a red bag. The red bag must be tied shut when full. The lid must be placed on the tub when full. Tubs should weigh about 35 to 40 pounds when full. They are picked up by the contracted service on a scheduled basis. Call 303-315-5838 to add tub pickup to the schedule. Empty tubs and red bags are delivered to laboratories by EHS staff. Questions regarding biomedical waste and tubs and labels should be directed to 303-315-5838.</p>		
Description of Waste Material	Treatment & Disposal	Segregation Protocol
Human tissues, organs, pathological wastes and all wastes from Creutzfeld-Jakob disease cases or other prion wastes	Must be incinerated	Use Yellow tubs.
Non-human primate tissues or organs	Must be incinerated	Use Yellow tubs.
All other animal carcasses, tissues or organs	Must be incinerated	Use Yellow tubs.
Contaminated animal bedding from animals administered hazardous drugs or chemicals, or cytotoxic/chemotherapy agents.	Must be incinerated	Collect for prescribed time period for the agent per SOP established with animal care and EHS staff. Use Yellow tubs.

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Description of Waste Material	Treatment & Disposal	Segregation Protocol
Cell culture wastes, plates, flasks and items used to manipulate cultures and sharps wastes that contain hazardous drugs or chemicals or cytotoxic / chemotherapy agents.	Must be incinerated	Sharps must be placed in sharps containers designated and labeled for cytotoxic agents. Use Yellow tubs for this waste.
Sharps Wastes: needles, scalpels razor blades, lancets, Pasteur pipettes, and microscope slides, if unfixed tissues	Off-site autoclave disposal.	Sharps must be placed in sharps containers, which are disposed of in Red tubs.
Human blood, bodily fluids, other potentially infectious fluids	Segregated, collected in a leak proof container, and solidified for Off-site autoclave disposal.	LIQUID WASTES must be segregated, collected in a leak proof container, and solidified. There can be no standing liquids in the waste tubs. Treat with Isolyzer or ISOSORB or equivalent product to solidify, then dispose of in Red tubs. Sanitary sewer disposal may be appropriate in some cases. Consult with Biosafety Office for sanitary sewer disposal protocol.

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Description of Waste Material	Treatment & Disposal	Segregation Protocol
Cell culture wastes, plates, flasks and items used to manipulate cultures that are not otherwise contaminated with chemicals or RAM	Off-site autoclave disposal.	Use Red tubs. Sharps used with these cultures must be placed in sharps containers and then placed in the Red tubs.
Cultures and stock vials of infectious agents; tissue culture/cell lines derived from human cells; issue culture/cell lines immortalized with infectious agents (CMV, EBV, etc)	Off-site autoclave disposal.	Use Red tubs. Sharps used with these cultures must be placed in sharps containers and then placed in the Red tubs.

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MUNICIPAL SOLID WASTES THAT SHOULD NOT BE PLACED IN BIOMEDICAL WASTE STREAM

Description	Treatment & Disposal	Segregation Protocol
Uncontaminated laboratory wastes (no contact with biological agents, chemical or RAM)	None required	Municipal Solid Waste (regular trash)
Uncontaminated animal bedding & cages—no infectious agents, hazardous drugs or chemicals	None required	Follow Standard Operating Procedures for Vivarium
Uncontaminated lab plasticware, disposable transfer pipettes gloves, plastic pipette tips, plastic trays, plastic or glass serological pipettes, paper towels, cardboard boxes, etc.	None required	Municipal Solid Waste (regular trash). Uncontaminated lab plasticware which could puncture a plastic bag but which is not infectious , should be collected in a sturdy, sealed cardboard box and picked up by housekeeping for disposal in the trash compactor,
Uncontaminated broken glassware (no contact with biological agents, chemical or RAM)	Picked up by housekeeping for disposal in the trash compactor	Collect in a rigid, well-sealed cardboard box. Do not overload these boxes.