

REMINDER OF GOOD RADIONUCLIDE LABORATORY SAFETY PRACTICES

- Never pipette by mouth, use pipette-filling device.
- No smoking, drinking, or eating is permitted in the work area.
- Gloves and laboratory coats must be worn when handling radioactive materials. Do not wear these outside the radioactive laboratory.
- Assigned personnel dosimeters (OSL dosimeters, ring, TLDs, etc) must be worn.
- Hands, shoes, and clothing should be monitored for radioactive contamination before leaving the laboratory.
- Work with radioactive materials in an approved hood or glove box, unless the safety of working on an open bench can be demonstrated.
- Radionuclide work should be conducted over an impervious tray or pan, lined with absorbent paper.
- Utilize shielding and distance whenever possible, e.g. use forceps to manipulate source vials.
- Dispose of liquid and solid radioactive waste only in approved and properly labeled containers.
- Refrigerators containing radionuclides shall not be used for storing food.
- Monitor radionuclide work areas daily for contamination and make notation of this survey in laboratory records.
- Thoroughly wash hands after handling radioactive material before eating or smoking and upon completion of work.
- Maintain current and accurate records of receipt, use, transfer, and disposal of radioactive materials.
- Report accidental inhalation, injection, injury, or spills to your supervisor and the Radiation Safety Office.
- Review pertinent safety practices frequently.
- Assure compliance with UMB Environmental Health and Safety Policies and Procedures described in the pertinent authorization and the Code of Maryland Regulations 26.12.01.01 – Regulations for the Control of Ionizing Radiation.

If you have any question or need assistance, contact the Environmental Health and Safety Office at (410) 706-7055.