**Summary of Institutional Animal Care and Use Committee (IACUC)**

**Reportable Chemical Guide**

1. **IACUC Reportable Chemicals**

All chemicals (unless exempted under B) administered to the laboratory animals that meet the criteria listed in Table 1 must be reported to WSU IACUC. PI’s must list IACUC reportable chemicals under the “Are you using section, question 2a: IACUC Reportable Chemicals? ” of the eProtocol application. If DLAR staff could potentially be exposed to a hazardous chemical via animals that have been administered an IACUC reportable chemical, an “[*Animal Hazardous Agents Form (AHAF) II – Chemical*](https://research.wayne.edu/oehs/chemical/ahaf-ii-chemical.docx)” must be included as an attachment on the IACUC protocol. This form informs DLAR staff about the potential hazards and the steps necessary to mitigate the associated risks (e.g., engineering controls, PPE, etc.).

**Table 1:** IACUC reportable hazard categories for chemicals administered to laboratory animals.

| **Chemical Hazard** | **IACUC Reportable hazardous categories/type** |
| --- | --- |
| Carcinogen | SDS - Category 1 and 2Carcinogens list by OSHA – All typesCarcinogens list by NTP – All typesCarcinogens list by IARC – Category 1, 2A and 2B |
| Hazardous drugs: Antineoplastic/Chemotherapeutic/Cytotoxic | NIOSH listed hazardousdrugs – All categories |
| Reproductive Toxin, Teratogen | SDS – Category 1 and 2 |
| Mutagen | SDS – Category 1 and 2 |
| Acute Toxin | SDS - Category 1\*, 2 and 3 |
| Serous Eye Damage/Eye Irritation | SDS - Category 1 and 2A |
| Skin Corrosion/Irritation | SDS - Category 1 |
| Target Organ/Systemic Toxicity (TOST): Single Exposure | SDS - Category 1 |
| Target Organ/Systemic Toxicity (TOST): Repeated Exposure | SDS - Category 1 |
| Aspiration Hazard | SDS - Category 1 |
| Respiratory sensitizer | SDS - Category 1 |
| Nanoparticles | All types |
| Novel chemicals with unknown or limited hazardous data | All types |
| Explosives and/or Desensitized explosives | SDS - All categories\*\* |

1. **Chemicals exempt from reporting in the “Are you using Section 2 for hazardous chemicals” and in the AHAF – II chemical form of the eProtocol submitted to IACUC.**
* Drugs Routinely Administered by DLAR staff: Pre/Post Operational Drugs\*\*\*:
	+ Analgesics
	+ Anesthetics
	+ Antibiotics
	+ Perfusates
	+ Euthanasia agents
* United States Drug Enforcement Agency (USDEA) Pharmaceutical Grade Controlled Substances Schedule II to V

*\* Acute toxins with category 01 dermal (H310) and/ or category 01 inhalation (H330) hazards are considered Specific High Risk Chemicals (SHRCs), and require prior approval from WSU Chemical Safety Committee to be used in any laboratory procedure including, but not limited to, animal research. Please contact WSU Chemical Hygiene Officer for information on how to obtain approval.*

*\*\* Contact OEHS for additional information on the safe use of these chemicals.*

*\*\*\* Novel or new pre/post operational drugs will be addressed on a case-by-case basis, contact OEHS and DLAR.*

Abbreviations: NTP (National Toxicology Program); IARC (International Agency for Research on Cancer); NIOSH (National Institute for Occupational Safety and Health); OSHA (Occupational Safety and Health Administration)