Georgia State University  
Institutional Animal Care and Use Committee  
(IACUC)  
It is the responsibility of the Georgia State University (GSU) Institutional Animal Care and Use Committee (IACUC) to ensure judicious and humane use of animals used in its teaching and research programs that is consistent with federal requirements.*

**Preparation of Biological Agents (injected substances)**

- pH - the pH should be between 6.8-7.4.
- Osmolarity – the final solution should be isotonic, with an osmolarity around 300 mOsm.
- A sterile diluent should be used (e.g. sterile physiological saline or other appropriate diluent).
- The substance should be stored in a sterile container, following standard sterility practices
- The container must indicate the name of the substance(s), the concentration(s), and the date of compounding.

**Pertinent Regulations**

U.S. Government Principles for the Utilization and Care of Vertebrate Animals Used in Testing, Research, and Training  
Public Health Service Policy  
Guide for the Care and Use of Laboratory Animals  
Animal Welfare Act (AWA) and AWA Regulations

IACUC Approval Date: 3/25/16  
Signature IACUC Chair:  
Revision Dates: