ACLAM 2027 Certification Examination Reference List

This reference list provides the sources of the majority of the examination questions for the upcoming exam. Journal articles used for the exam are those published within the last 3 years (not counting year of exam). This list is not meant to be all-inclusive and does not indicate the only resources candidates should use to prepare for the examination.

Note that the ACLAM Series Blue Books are heavily referenced and are considered core references.

Journals, issues published in years 2026, 2025, 2024; questions from these years may be asked based on the article as a sole reference.

- *Journal of the American Association for Laboratory Animal Science (JAALAS)*, bimonthly publication of the American Association for Laboratory Animal Science (AALAS), Memphis, TN.
- *Comparative Medicine*, bimonthly publication of the American Association for Laboratory Animal Science (AALAS), Memphis, TN. (Last publication Dec 2024)

Regulatory/Guidance Documents; questions may be asked from these references as a sole source

More prevalent on exam

- Animal Welfare Act, 7 U.S.C., Chapter 54, Sections 2131-2159, and Animal Welfare Regulations, 9 CFR Chapter 1, Subchapter A, Parts 1-4. Available on United States Department of Agriculture (USDA) Animal and Plant Health Inspection Service (APHIS) website: https://www.aphis.usda.gov/animal_welfare/downloads/AC_BlueBook_AWA_508_comp_version.pdf
- *Guide for the Care and Use of Laboratory Animals,* 8th edition. National Research Council, 2011. Available on the National Academies website: https://doi.org/10.17226/12910
- AVMA Guidelines for the Euthanasia of Animals, 2020 Edition. Available on the AVMA website: https://www.avma.org/sites/default/files/2020-02/Guidelines-on-Euthanasia-2020.pdf
- Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals, and Frequently Asked Questions (FAQs). Office of Laboratory Animal Welfare, National Institutes of Health, 2015. Available on the OLAW website: https://olaw.nih.gov/policies-laws/phs-policy.htm and https://olaw.nih.gov/faqs#/guidance/faqs
- *Biosafety in Microbiological and Biomedical Laboratories (BMBL),* 6th edition. Centers for Disease Control and Prevention and National Institutes of Health, 2020. Available on the

CDC website: Biosafety in Microbiological and Biomedical Laboratories (BMBL) 6th Edition | CDC Laboratories

Less prevalent on exam

- Drug Enforcement Administration. 21 CFR (Food and Drugs), Chapter 2, Sections 1304 "General Information" and "Inventory Requirements" (1304.01-1304.11); 1305 Subpart B (1305.11-1305.20); and 1308 "Schedules" (1308.11-1308.15). Available on the Electronic Code of Federal Regulations (eCFR) website: https://www.ecfr.gov/current/title-21/chapter-II
- Good Laboratory Practice for Nonclinical Laboratory Studies, 21 CFR (Food and Drugs), Chapter 1, Subchapter A, Part 58. Available on the Electronic Code of Federal Regulations (eCFR) website: https://www.ecfr.gov/current/title-21/chapter-I/subchapter-A/part-58
- *Guide for the Care and Use of Agricultural Animals in Research and Teaching,* 4th edition. American Society of Animal Science, 2020. Available on the ASAS website: https://www.asas.org/services/ag-guide
- *Occupational Health and Safety in the Care and Use of Research Animals*. National Research Council, 1997. Available on the National Academies website: https://doi.org/10.17226/4988
- www.aaalac.org
- www.aclam.org
- www.aalas.org
- Select Agents & Toxins. List is available at the Federal Select Agent Program website: Select Agents and Toxins List | Federal Select Agent Program
- *NIH Guidelines for Research Involving Recombinant or Synthetic Nucleic Acid Molecules*. Office of Science Policy (OSP), National Institutes of Health, 2019. Available on the OSP website: https://osp.od.nih.gov/wp-content/uploads/NIH_Guidelines.pdf
    - Section I, Section II, Section III-D-4, Section III-E-3, Section IV-B-1-5, Appendix M
- AVMA Guidelines for the Depopulation of Animals. 2019 Edition. Section 2: Laboratory Animals. Available on the AVMA website: https://www.avma.org/sites/default/files/resources/AVMA-Guidelines-for-the-Depopulation-of-Animals.pdf

Primary ACLAM-Sponsored Textbooks; questions may be asked from these references as a sole source

More prevalent on exam

- Laboratory Animal Medicine, 3rd edition. American College of Laboratory Animal Medicine. Eds. Fox, Anderson, Otto, Pritchett-Corning, and Whary. Academic Press, 2015.
    - **Note: The 4th edition released July 2026 will be on the **2028** exam*.
- *The Laboratory Rat*, 3rd edition. Eds. Suckow, Hankenson, Wilson, and Foley. Academic Press, 2019.
- *The Zebrafish in Biomedical Research*. Eds. Cartner, Eisen, Farmer, Guillemin, Kent, and Sanders. Academic Press, 2020.
- *Nonhuman Primates in Biomedical Research*, 2nd edition (two volume set). Eds. Abee, Mansfield, Tardiff, and Morris. Academic Press, 2012.
- *The Laboratory Rabbit, Guinea Pig, Hamster, and Other Rodents.* Suckow, Stevens, and Wilson. Academic Press. 2012.
- *Anesthesia and Analgesia in Laboratory Animals,* 3rd edition. American College of Laboratory Animal Medicine. Eds. Dyson, Jirkof, Lofgren, Nunamaker, and Pang. Academic Press, 2023.

Less prevalent on exam

- *Biology and Diseases of the Ferret,* 3rd edition. Eds. Fox and Marini. Wiley-Blackwell, 2014.
- *Flynn's Parasites of Laboratory Animals*, 2nd Edition. Ed. Baker. Wiley-Blackwell, 2007.
- *The Mouse in Biomedical Research*, 2nd edition (four volume set). Eds. Fox, Davisson, Quimby, Barthold, Newcomer, and Smith. Academic Press, 2007.
- *Swine in the Laboratory: Surgery, Anesthesia, Imaging, and Experimental Techniques*, 3rd edition. Swindle and Smith. CRC Press, 2015.
- *Statistics for Veterinary and Animal Science*, 3rd edition. Petrie and Watson. Wiley-Blackwell, 2013.

Other Books and Helpful References; Questions from these references require a second reference

- *Ferrets, Rabbits, and Rodents: Clinical Medicine and Surgery*, 4th edition. Quesenberry, Mans, and Orcutt. Ed. Carpenter. Saunders, 2020.
- *Handbook on Genetically Standardized Mice*, 6th edition Eds. Flurkey, Currer, Leiter, and Witham. The Jackson Laboratory, 2009.
- *Laboratory Animal Anaesthesia and Analgesia, 5*th edition. Flecknell. Academic Press, 2023.
- *Pathology of Laboratory Rodents and Rabbits*, 5th edition. Barthold and Imai. Wiley, 2025.
- *The Laboratory Xenopus*. Green. CRC Press, 2010.
- *The Common Marmoset in Captivity and Biomedical Research* (American College of Laboratory Animal Medicine) 1st Edition. Marini, Wachtman, Tardif; 2018
- *Harkness and Wagner's Biology and Medicine of Rabbits and Rodents* (American College of Laboratory Animal Medicine) 6th Edition. Turner, Wheler, Beaufrère, Fabian, Harkness. 2025.
- *Clinical Chemistry of Laboratory Animals* (American College of Laboratory Animal Medicine), 3rd Edition. Kurtz, Prescott, & Travlos; 2020.
    - Chapters 1-10

ACLAM 2027 Certification Examination Reference List summary of changes :

Formatting and revisions

- Publication years of journals eligible to be on exam updated for 2027.
- *Moved Biosafety in Microbiological and Biomedical Laboratories (BMBL) to 'more prevalent on exam.'*
- *Anesthesia and Analgesia in Laboratory Animals to 'more prevalent on exam.'*

Updated references:

- *Pathology of Laboratory Rodents and Rabbits* updated to the 5th edition.
- *Laboratory Animal Anaesthesia and Analgesia* updated to the 5th edition.
- *Harkness and Wagner's Biology and Medicine of Rabbits and Rodents* updated to the 6th edition.

Newly added references: None

Deleted references: None