NU–IACUC POLICY

Northeastern University Institutional Animal Care and Use Committee

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| **Amendment Policy Supplement: IACUC-Approved Guidance Documents for VVC** |

Approved: 10/14/2021

The following guidance documents used for VVC will be reviewed by the IACUC at least once every three years to ensure they remain appropriate and accurate. The most current version\* of the following textbooks, publications, references and institutional documents can be used for VVC review:

1. ACLAM Book Series. (2007). The Mouse in Biomedical Research Volumes 1-4. In The Mouse in Biomedical Research Series (Vol. 1–4). Elsevier, Inc.
2. ACLAM Formulary (text or online version)
3. Fish, R., Danneman, P., Brown, M., & Karas, A. (2008). Anesthesia and Analgesia in Laboratory Animals. Elsevier, Inc.
4. Flecknell, P. (2015). Laboratory Animal Anaesthesia. Elsevier, Inc.
5. Fowler, M., & Miller, R. E. (2008, 2012, 2019). Zoo and Wild Animal Medicine. Elsevier, Inc.
6. Fox, J. G., & Bennett, B. T. (2015). Laboratory Animal Medicine. Elsevier, Inc
7. Fox, J. G., & Marini, R. P. (2014). Biology and Diseases of the Ferret: Third Edition. Elsevier, Inc
8. Green, S. L. (2009). The Laboratory Xenopus sp. CRC Book Press
9. Harkness, J. E., Turner, P. V, VandeWoude, S., & Wheler, C. L. (2010). Harkness and Wagner’s Biology and Medicine of Rabbits and Rodents, 5th Edition. In Wiley-Blackwell.
10. Harper, C., & Lawrence, C. (2010). The Laboratory Zebrafish. CRC Book Press
11. Hawk, C. T., Leary, S. L., & Morris, T. H. (2005). Formulary for Laboratory Animals (3rd ed.). Wiley-Blackwell.
12. Leece, E. A. (2015). Lumb & Jones’ Veterinary Anesthesia and Analgesia. Veterinary Anaesthesia and Analgesia. Wiley and Sons.
13. Plumb, D. (2008). Plumbs Veterinary Drug Handbook. Wiley-Blackwell.
14. Pritt, S., Cohen, K., & Sedlacek, H. (2012). The Laboratory Rabbit, Guinea Pig, Hamster, and Other Rodents. Elsevier, Inc
15. Quesenberry, K. E., & Carpenter, J. W. (2012). Ferrets, Rabbits and Rodents: Clinical Medicine and Surgery. Saunders.
16. Turner, P. V, Pekow, C., Vasbinder, M. A., & Brabb, T. (2011). Administration of substances to laboratory animals: equipment considerations, vehicle selection, and solute preparation. Journal of the American Association for Laboratory Animal Science: JAALAS, 50(5), 614–627. Retrieved from: <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3189663&tool=pmcentrez&rendertype=abstract>
17. Turner, P. V, Brabb, T., Pekow, C., & Vasbinder, M. A. (2011). Administration of substances to laboratory animals: routes of administration and factors to consider. Journal of the American Association for Laboratory Animal Science: JAALAS, 50(5), 600–613. Retrieved from: <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3189662&tool=pmcentrez&rendertype=abstract>
18. [American Veterinary Medical Association (AVMA) Guidelines for the Euthanasia of Animals](https://www.avma.org/KB/Policies/Documents/euthanasia.pdf)
19. [IACUC Policy on Blood Collection](https://research.northeastern.edu/animalcare/blood-collection-final-2019/)
20. [Needle Use and Injection Policy](https://research.northeastern.edu/animalcare/needle-use-and-injection-policy-in-animals-final-2019/)
21. [Recommended Doses of Anesthetics and Analgesics of Laboratory Animals](https://research.northeastern.edu/app/uploads/sites/5/2020/02/Anesthesia-and-Analgesia-Guidelines-Final-2019.doc)
22. [Use of Pharmaceutical and Non – Pharmaceutical Grade Compounds in Animals](https://research.northeastern.edu/animalcare/use-of-non-pharmaceutical-grade-compounds-final-2019/)
23. [IACUC Policy on Euthanasia](https://research.northeastern.edu/animalcare/euthanasia-final-2019/)
24. [Policy for Mouse Tail Biopsy for Genotyping](https://research.northeastern.edu/animalcare/policy-on-genotyping-laboratory-rodents-2019-final/)
25. Barthold, S. W., Griffey, S. M., & Percy, D. H. (Eds.). (2016). *Pathology of Laboratory Rodents and Rabbits, Fourth Edition*.
26. Bogdanske, J. J. (2011). *Laboratory rat procedural techniques : manual and DVD*. CRC Press.
27. Bollen Hansen, A.K., Rasmussen, H.J., P. J. A. (2000). The laboratory swine. *The Lab. Anim. Pocket Ref. Series. New York. CRC Press.*
28. Bollen, P. J. A., Hansen, A. K., & Alstrup, A. K. O. (1999). *The laboratory swine*. CRC Press/Taylor & Francis.
29. Carpenter, J. W. (James W., & Marion, C. J. (2018). *Exotic animal formulary* (Fifth edit). St. Louis, Missouri : Elsevier.
30. Danneman, P., Suckow, M. A., Brayton, C., & Suckow, M. A. (2001). *The laboratory mouse*. Taylor & Francis. CRC Press
31. Hankenson, F. C. (2014). *Critical Care Management for Laboratory Mice and Rats* (1st ed.; M. Suckow, ed.). Boca Raton, FL: CRC Press.
32. Hedrich, H. J. (2012). *The laboratory mouse*. Academic Press/Elsevier.
33. Hessler, J. R., & Lehnerc, N. D. M. (2009). Planning and Designing Research Animal Facilities. In *Planning and Designing Research Animal Facilities*. https://doi.org/10.1016/B978-0-12-369517-8.X0001-1
34. Hrapkiewicz, K., Colby, L., & Denison, P. (2013). *Clinical laboratory animal medicine : an introduction* (4th ed.). Wiley Blackwell
35. Matchett, C. A., Marr, R., Berard, F., Cawthon, A., & Swing, S. (2012). *The laboratory ferret*. CRC Press.
36. Noga, E. J. (2010). *Fish Disease: Diagnosis and Treatment, Second Edition*. Wiley-Blackwell.
37. Papich, M (2015). *Saunders Handbook of Veterinary Drugs, Fourth Edition.* Elsevier.
38. Rigalli, A., & Di Loreto, V. E. (2009). *Experimental surgical models in the laboratory rat*. CRC Press/Taylor & Francis.
39. Swindle, M. M. (2016). *Swine in the laboratory: Surgery, anesthesia, imaging, and experimental techniques* (3rd ed.). CRC Press.
40. Zann, R. A. (1996). *The Zebra Finch: A Synthesis of Field and Laboratory Studies.* Oxford University Press

\*Earlier editions of a guidance document may be used if still valid in the veterinarian’s judgement.