

An overview of existing guidelines for handling, bleeding, administration and identification techniques

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Guidelines:

- FISHBIO (2007) www.fishmarking.com
- Council of Europe Convention ETS123 Appendix A (2006) <http://www.coe.int/> search for “Convention ETS123” and scroll down to “Revised Appendix A”
- Canadian Council on Animal Care (CCAC) Guidelines on: The Care and Use of Fish in Research, Teaching and Testing (2005) <http://www.ccac.ca/>
- Guidelines for the Use of Fishes in Research (2004) by the American Fisheries Society, American Institute of Fishery Research Biologists, American Society of Ichthyologists and Herpetologists
http://www.fisheries.org/afs/docs/policy_guidelines2004.pdf
- CATAG (2002) Improvements in Tagging Methods for Stock Assessment and Research in Fisheries <http://www.hafro.is/catag/>
- The Laboratory Fish (Ed by GK Ostrander) (2000) London: Academic Press
- UFAW Handbook on the Care and Management of Laboratory Animals, 7th edn, Volume 2 (1999) (Ed by T Poole and P English) Oxford: Blackwell Science Ltd
Note: the 8th edition is in preparation; see <http://www.ufaw.org.uk/> for updates

Some places to search for information on conducting and refining procedures in fish:

- Animal Welfare Institute All Laboratory Animals Refinement Database
<http://labanimals.awionline.org/SearchResultsSite/laball.aspx>
- Aquanet – Canada’s research network in aquaculture
<http://www.aquanet.ca/English/>
- European Cooperation in the field of Scientific and Technical Research (COST) Action B24 <http://biomedicum.ut.ee/costb24/publications.htm>, see “Key references related to fish”
- <http://www.fishwelfare.net/about/>
- Johns Hopkins Altweb <http://altweb.jhsph.edu/>
- National Centre for the Three Rs <http://www.nc3rs.org.uk/>
- Norwegian School of Veterinary Science <http://oslovet.veths.no/fish>
- USDA Animal Welfare Information Center (2003) Information resources on fish welfare 1970 – 2003
<http://www.nal.usda.gov/awic/pubs/Fishwelfare/fishwelfare.htm> – includes fish related IACUC web resources
<http://www.nal.usda.gov/awic/pubs/Fishwelfare/iacuc.htm>