

Suggested Study References

Books published by Routledge/ Taylor & Francis and the CRC Press are available to ECLAM Diplomates and residents at a 20% discount plus free shipping. Lab animal publications are found on their website. If you are interested, contact the Secretariat for the discount code or find the link on your [Groups.io](https://groups.io) site.

These reference materials are also available in a members-only [Zotero bibliographic database](#). If you would like to be invited to share this database, please email the Secretariat.

Disclaimer:

The reading list should act as a guide to the depth of knowledge required rather than as a complete summary of the required knowledge.

Books

Highly Recommended

Laboratory Animal Medicine, 3rd ed.

Fox JG, Anderson LC, Otto G, Pritchett-Corning K, Whary MT, ed.
American College of Laboratory Animal Medicine. Academic Press, 2015
ISBN-13: 978-0124095274, ISBN-10: 9780124095274; ASIN: 0124095275

Laboratory Animal Anaesthesia, 4th ed.

Flecknell P
Academic Press, 2015
ISBN-13: 978-0128000366, ISBN-10: 0128000368

Pathology of Laboratory Rodents and Rabbits, 4th ed.

Barthold SW, Griffey SM, Percy DH
Wiley-Blackwell, 2016
ISBN-13: 978-1118824245; ISBN-10: 9781118824245; ASIN: 1118824245

The UFAW Handbook on the Care and Management of Laboratory and Other Research Animals, 8th ed.

Hubrecht, R, ed.
Wiley-Blackwell, 2010
ISBN-13: 978-1405175234; ISBN-10: 1405175230

Genetics of the Mouse

Guénet JL, Benavides F, Panthier JJ, Montagutelli X.
Springer, 2014
ISBN-13: 978-3662442869; ISBN-10: 3662442868

Further Reading

The Laboratory Rabbit, Guinea Pig, Hamster and Other Rodents

Sukow MA, Stevens, KA, Wilson RP, eds.
American College of Laboratory Animal Medicine. Elsevier-Academic Press, 2012.
ISBN-13: 978-0123809209, ISBN-10: 0123809207

Flynn's Parasites of Laboratory Animals, 2nd ed.

Baker DG, ed.
Wiley-Blackwell, 2007
ISBN-13: 978-0813812021, ISBN-10: 9780813812021; ASIN: 081381202X

The Laboratory Mouse: Handbook of Experimental Animals, 2nd ed.

Hedrich H, ed.
Elsevier-Academic Press, 2012
ISBN-13: R ; ISBN-10: 0123820081

Planning and Designing Research Animal Facilities

Hessler JR, Lehner NDM eds.
Elsevier-Academic Press, 2008
ISBN-13: 978-0123695178; ISBN-10: 0123695171

Laboratory Animal Welfare

Bayne K, Turner P, eds.
Academic Press, 2013
ISBN-13: 978-0123851031; ISBN-10: 0123851033

The Laboratory Rat, 3rd ed.

Suckow MA, Hackenson FC, Wilson RP, Foley P, eds.
Academic Press, 2020
Hardcover ISBN: 9780128143384, eBook ISBN: 9780128143391

The Design of Animal Experiments, 2nd ed.

Festing MFW, Overend P, Gaines Das R, Cortina Borja M, Berdoy M.
SAGE Publications, 2016
ISBN-13: 978-1473974630, ISBN-10: 9781473974630; ASIN: 147397463

The COST Manual of Laboratory Animal Care and Use: Refinement, Reduction, and Research

Howard B, Nevalainen T, Perretta G, eds.
CRC Press, 2010
ISBN-13: 978-1439824924; ISBN-10: 1439824924

Guide for the Care and Use of Laboratory Animals, 8th ed.

National Research Council

National Academies Press, 2011

ISBN-13: 978-0309154000; ISBN-10: 0309154006

<https://grants.nih.gov/grants/olaw/guide-for-the-care-and-use-of-laboratory-animals.pdf>

Handbook of Laboratory Animal Science, 3rd ed.

Hau J, Schapiro S, ed.

CRC Press

- Vol I: Essential Principles and Practices, 2010

ISBN-13: 978-1420084559; ISBN-10: 1420084550

- Vol II: Animal Models, 2011

ISBN-13: 978-1420084573; ISBN-10: 9781420084573

- Vol III: Animal Models, 2013

ISBN-13: 978-1466555129; ISBN-10: 1466555122

What's Wrong With My Mouse: Behavioral Phenotyping of Transgenic and Knockout Mice, 2nd ed.

Crawley, JC.

Wiley-Liss, 2007

ISBN-13: 978-0471471929; ISBN-10: 0471471925

The Laboratory Primate (Handbook of Experimental Animals)

Wolfe-Coote S, ed.

Elsevier-Academic Press, 2005

ISBN-13: 978-0120802616, ISBN-10: 0120802619

The Laboratory Zebrafish

Harper C, Lawrence C.

CRC Press, 2010

ISBN-13: 978-1439807439; ISBN-10: 1439807434.

The Jackson Laboratory Handbook on Genetically Standardized Mice, 6th ed.

Flurkey K, Curren JM, Leiter EH, Witham B, ed.

The Jackson Laboratory, 2009

ISBN-13: 978-0578041827; ISBN-10: 0578041820

Manipulating the Mouse Embryo: A Laboratory Manual, 4th ed.

Behringer R, Gertsenstein M, Nagy K, Nagy A.

Cold Spring Harbor Laboratory Press; Lab Manual edition, 2013

ISBN-13: 978-1936113019; ISBN-10: 1936113015

Gnotobiotics

Schoeb TR, Eaton KA, ed.

Elsevier-Academic Press, 2017

ISBN-13: 978-0128045619; ISBN-10: 0128045612

Handbook of Laboratory Animal Bacteriology, 2nd ed.

Hansen AK, Nielsen DS

CRC Press 2014

ISBN-13: 978-1482215441; ISBN-10: 1482215446

Management of Animal Care and Use Programs in Research, Education, and Testing, 2nd Ed.

Weichbrod RH, (Heidbrink) Thompson GA, Norton JN, ed.

CRC Press, 2017

ISBN-13: 978-1498748445; ISBN-10: 9781498748445

The Zebrafish in Biomedical Research: Biology, Husbandry, Diseases, and Research Applications

Cartner S, Eisen JS, Farmer SF, Guillemin KJ, Kent ML, Sanders GE

Elsevier, 2019

ISBN-13: 978-0128124314, ISBN-10: 0128124318

The Common Marmoset in Captivity and Biomedical Research

Marini RP, Wachtman LM, Tardif SD, Mansfield K, Fox JG, ed.

Elsevier-Academic Press 2018

ISBN-13: 978-0128118290; ISBN-10: 0128118296

Biology and Diseases of the Ferret, 3rd ed.

Fox JG and Marini RP, ed.

Wiley-Blackwell, 2014

ISBN-13: 978-0470960455; ISBN-10: 9780470960455

Laboratory Animals: Regulations and Recommendations for the Care and Use of Animals in Research, 2nd Ed.

Guillen J ed.

Elsevier-Academic Press 2017

ISBN-13: 978-0128498804; ISBN-10: 9780128498804

Laboratory Animal Pocket Reference Series: all available at a 20% discount for ECLAM members and residents

- **The Laboratory Rat, 2nd ed.**

Sharp P, Villano JS

CRC Press, 2012

ISBN-13: 978-1439829868; ISBN-10: 9781439829868

- **Handbook of Laboratory Animal Anesthesia and Pain Management: Rodents**

Pacharinsak C, Smith JC

CRC Press 2017

ISBN-13: 978-1466585676; ISBN-10: 9781466585676

- **Critical Care Management for Laboratory Mice and Rats**

Hankenson FC
CRC Press 2013
ISBN-13: 978-0849324994; ISBN-10: 0849324998

- **The Laboratory Rabbit, 2nd ed.**
Suckow MA, Schroeder V, Douglas FA
CRC Press, 2010
ISBN-13: 978-1420091052; ISBN-10: 1420091050
- **The Laboratory Hamster and Gerbil**
Field KJ, Sibold AL
CRC Press, 1998
ISBN-13: 978-0849325663; ISBN-10: 0849325668
- **The Laboratory Guinea Pig, 2nd ed.**
Clemons DJ, Seeman JL
CRC Press, 2011
ISBN-13: 978-1439835562; ISBN-10: 143983556X
- **The Laboratory Bird**
Taylor DK, Lee VK, Strait KR
CRC Press, 2015
ISBN-13: 978-1466593626; ISBN-10: 1466593628
- **The Laboratory Canine**
Field G, Jackson TA
CRC Press, 2006
ISBN-13: 978-0849328930; ISBN-10: 0849328934
- **The Laboratory Cat**
Martin BJ
CRC Press, 1997
ISBN-13: 978-0849325670; ISBN-10: 0849325676
- **The Laboratory Ferret**
Matchett CA, Marr R, Berard FM, Cawthon AG, Swing SP
CRC Press, 2012
ISBN-13: 978-1439861813; ISBN-10: 1439861811
- **The Laboratory Swine, 2nd ed.**
Bollen PJA, Hansen AK, Alstrup AKO
CRC Press, 2010
ISBN-13: 978-1439815281; ISBN-10: 1439815283
- **The Laboratory Xenopus**
Green, SL
CRC Press, 2009
ISBN-13: 978-1420091090; ISBN-10: 1420091093
- **The Laboratory Nonhuman Primate, 2nd ed.**

Fortman JD, Hewett TA, Halliday LC
CRC Press, 2017
ISBN-13: 978-1439841396; ISBN-10: 143984139X

Charles River Guidebook Series:

- A Guide to Modern Strategies for Infection Surveillance of Rodent Populations: Beyond Sentinels

Clifford CB, Henderson KS, Chungu C
Charles River Laboratories 2014
ISBN-13: 978-0983545354; ISBN-10: 0983545359

- A Guide to the Behavior & Enrichment of Laboratory Rodents

Winnicker C, Gaskill B, Garner J, Pritchett-Corning KR
Charles River Laboratories, 2012
ISBN-13: 978-0983545330; ISBN-10: 0983545332

Online material

Highly Recommended:

- FELASA publications
Guidelines (<https://felasa.eu/working-groups/guidelines>)
Recommendations (<https://felasa.eu/working-groups/recommendations>)
Reports (<https://felasa.eu/working-groups/reports>)
- Mouse Genetics, Concepts and Applications
Lee M. Silver
Oxford University Press, 1995
<http://www.informatics.jax.org/silverbook/>
- Guidelines for Nomenclature of Genes, Genetic Markers, Alleles, and Mutations in Mouse and Rat, revised 2015.
<http://www.informatics.jax.org/mgihome/nomen/gene.shtml>
- Charles River Technical Information:
<https://www.criver.com/products-services/research-models-services/animal-health-surveillance/infectious-agent-information?region=3696>

Further Reading:

- **Recognition and Alleviation of Pain in Laboratory Animals**
National Research Council Division on Earth and Life Studies, Institute for Laboratory Animal Research
National Academies Press, 2009
<http://www.nap.edu/catalog/12526/recognition-and-alleviation-of-pain-in-laboratory-animals>
- **AVMA Guidelines for the Euthanasia of Animals, 2020 ed.**
<https://www.avma.org/KB/Policies/Documents/euthanasia.pdf>
- **Diseases of Zebrafish in Research Facilities**
https://zebrafish.org/wiki/health/disease_manual/start
- **Diseases of Research Animals (DORA)**
<http://dora.missouri.edu/>

Regulations, Occupational health, Safety

Highly Recommended:

- **DIRECTIVE 2010/63/EU regarding the protection of animals used for scientific purposes**
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32010L0063>
- **Implementation, interpretation and terminology of Directive 2010/63/EU**
http://ec.europa.eu/environment/chemicals/lab_animals/interpretation_en.htm
- **European Convention for the protection of vertebrate animals used for experimental and other scientific purposes (ETS 123), Appendix A**
<https://rm.coe.int/CoERMPublicCommonSearchServices/DisplayDCTMContent?documentId=090000168007a445>

Further Reading:

- **WHO Laboratory Biosafety Manual**
<http://www.who.int/csr/resources/publications/biosafety/Biosafety7.pdf>

Journals

Highly Recommended:

- *Laboratory Animals*
available at a discounted rate to ESLAV members
<https://journals.sagepub.com/home/lan>

Further Reading:

- *Comparative Medicine*
<https://www.aalas.org/publications/comparative-medicine>
- *Journal of the American Association for Laboratory Animal Science*
<https://www.aalas.org/publications/jaalas>
- *Lab Animal*
<https://www.nature.com/labani/>
- *ILAR Journal*
<https://academic.oup.com/ilarjournal>
- *Animal Welfare*
<https://www.ufaw.org.uk/the-ufaw-journal/animal-welfare>