Biology and Diseases of the Ferret, 3rd Edition
James G. Fox (Editor), Robert P. Marini (Editor)

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<tr>
<th>Format</th>
<th>ISBN</th>
<th>Date</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>E-Book</td>
<td>978-1-118-78273-6</td>
<td>March 2014</td>
<td>$129.99</td>
</tr>
<tr>
<td>Hardcover</td>
<td>978-0-470-96045-5</td>
<td>June 2014</td>
<td>$161.25</td>
</tr>
<tr>
<td>O-Book</td>
<td>978-1-118-78269-9</td>
<td>March 2014</td>
<td>Available on Wiley Online Library</td>
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</tbody>
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**DESCRIPTION**

*Biology and Diseases of the Ferret, Third Edition* has been thoroughly revised and updated to provide a current, comprehensive reference on the ferret. Encyclopedic in scope, it is the only book to focus on the characteristics that make the ferret an important research animal, with detailed information on conditions, procedures, and treatments. Offering basic information on biology, husbandry, clinical medicine, and surgery, as well as unique information on the use of ferrets in biomedical research, *Biology and Diseases of the Ferret* is an essential resource for investigators using ferrets in the laboratory and for companion animal and comparative medicine veterinarians.

The Third Edition adds ten completely new chapters, covering regulatory considerations, black-footed ferret recovery, diseases of the cardiovascular system, viral respiratory disease research, morbillivirus research, genetic engineering, hearing and auditory function, vision and neuroplasticity research, nausea and vomiting research, and lung carcinogenesis research. Additionally, the anesthesia, surgery, and biomethodology chapter has been subdivided into three and thoroughly expanded. The book also highlights the ferret genome project, along with the emerging technology of genetically engineered ferrets, which is of particular importance to the future of the ferret as an animal model in research and will allow the investigation of diseases and their genetic basis in a small, easily maintained, non-rodent species.
关于作者

James G. Fox，DVM, MS, DACLAM，是MIT的比较医学系的教授和主任，同时也是ACLAM出版委员会的主席。他也是Tufts大学和Pennsylvania大学兽医医学院的兼职教授。

Robert P. Marini，DVM, DACLAM，是MIT的比较医学系助理主任和兽医外科资源主任，也是MIT的健康科学与技术讲师。

特点

- 提供了该领域唯一一本关于使用水貂进行生物医学研究的修订版。
- 包括了新的章节，如监管考虑，黑足水貂恢复，物理检查和诊断，心血管系统疾病，细菌和支原体疾病，呼吸道疾病研究，麻疹病毒研究，基因工程，听觉和听觉功能，视觉和神经可塑性研究，恶心和呕吐研究，肺癌研究。
- 扩展了现有信息，包括麻醉和手术，病毒性疾病研究，和神经科学研究，提供了丰富的新的信息。
- 提供了该重要物种的条件、程序和治疗的详细信息。
- 彻底修订和更新，提供了全面的参考书。
- 由美国实验室动物医学学会出版。

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