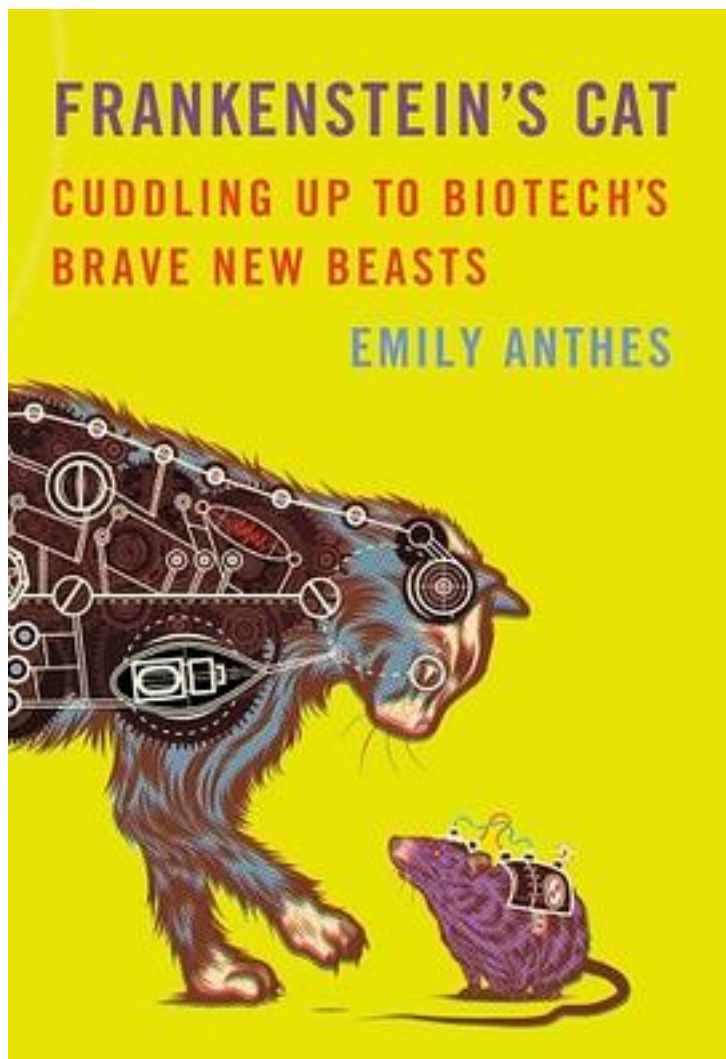


Frankenstein's Cat



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著者:Anthes, Emily

出版者:

出版时间:2013-3

装帧:

isbn:9780374158590

Winner of 2014 AAAS/Subaru SB&F Prize for Best Young Adult Science Book

Long-listed for the PEN/E.O. Wilson Literary Science Writing Award

One of Nature's Summer Book Picks

One of Publishers Weekly's Top Ten Spring 2013 Science Books

For centuries, we've toyed with our creature companions, breeding dogs that herd and hunt, housecats that look like tigers, and teacup pigs that fit snugly in our handbags. But what happens when we take animal alteration a step further, engineering a cat that glows green under ultraviolet light or cloning the beloved family Labrador? Science has given us a whole new toolbox for tinkering with life. How are we using it?

In *Frankenstein's Cat*, the journalist Emily Anthes takes us from petri dish to pet store as she explores how biotechnology is shaping the future of our furry and feathered friends. As she ventures from bucolic barnyards to a "frozen zoo" where scientists are storing DNA from the planet's most exotic creatures, she discovers how we can use cloning to protect endangered species, craft prosthetics to save injured animals, and employ genetic engineering to supply farms with disease-resistant livestock. Along the way, we meet some of the animals that are ushering in this astonishing age of enhancement, including sensor-wearing seals, cyborg beetles, a bionic bulldog, and the world's first cloned cat.

Through her encounters with scientists, conservationists, ethicists, and entrepreneurs, Anthes reveals that while some of our interventions may be trivial (behold: the GloFish), others could improve the lives of many species—including our own. So what does biotechnology really mean for the world's wild things? And what do our brave new beasts tell us about ourselves?

With keen insight and her trademark spunk, Anthes highlights both the peril and the promise of our scientific superpowers, taking us on an adventure into a world where our grandest science fiction fantasies are fast becoming reality.

作者介绍:

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标签

美国

科学

转基因

科淆

a

E

评论

一共8章，从宠物荧光鱼、转基因牛奶、克隆技术、濒危物种拯救、生物传感追踪、人工义肢、遥控昆虫等方面介绍了生物技术的进展，案例很有趣，内容三星，但有几十页的笔记，认真的态度追加一星

还行，一本对基因技术泛泛而谈的书，适合打发时间。例子倒是不少，写作也晓畅易读，但是花了太多时间谈论生物伦理，对基因技术本身缺乏洞见。

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书评

只看了一点点 开篇就提到了在复旦实验室里见到各种转基因小鼠的见闻 很是惊悚 其他国家是不是有这样的实验室呢？不知道写作为什么是从中国开始的呢？不知道是被妖魔化还是真的这个样子 如果涉及到一些伦理问题 复旦或者任何学校邀请别人参观是不是要考虑一下？

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