

# IACUC

實驗室的交響樂

Symphony of the Laboratory

3R繪本

3R Picture Book

Birth of a Story / CHENG CAI N

Fo Guang University

The Next Chapter :  
The Little Animals' Big Adventure: Protecting Our Friends



**The Next Chapter is About to Begin**

## 簡介

Introduction

在一個尖端的研究機構裡，

In an advanced research institution,

鼠博士將一生的奉獻賦予了 IACUC 的 3R 精神。

Dr. Mouse dedicated a lifetime to embodying the 3R principles of IACUC.

在這裡，

Here,

科學突破與道德考慮融資綜述。

scientific breakthroughs are integrated with ethical considerations in funding reviews.



## 替代 - 細胞的交響樂

Replacement - Symphony of Cells

鼠博士團隊進行了一項開創性的研究，

Dr. Mouse's team conducted a groundbreaking study,

將傳統的動物實驗替換為先進AI的細胞培養。

replacing traditional animal experiments with advanced AI-driven cell cultures.

培養皿取代了籠子，

Petri dishes replaced cages.

實驗室的迴聲是Tap Dance的節拍，

the echo in the laboratory became the rhythmic beat of tap dance.

而非囚禁老鼠的尖叫聲。

rather than the cries of confined mice.



## 減少 - 統計的交響樂

Reduction - Symphony of Statistics

在實驗室的一個小角落，

In a small corner of the laboratory,

統計的魔法展開。

the magic of statistics unfolds.

鼠博士實施了創新的實驗設計，

Dr. Mouse implemented innovative experimental designs.

在使用很少實驗對象的情況下取得了顯著的成果。

achieving significant results with a minimal number of experimental subjects.

對知識的追求成為一個精密的舞蹈。

The pursuit of knowledge becomes a precise dance.



## 精簡 - 仁慈的華爾茲

Refinement - Waltz of Compassion

隨著故事的展開，

As the story unfolds,

精簡成為焦點。

refinement becomes the focus.

鼠博士提出改進了實驗流程，

Dr. Mouse proposed improvements to the experimental process.

確保動物經歷最少的不愉快。

ensuring animals experience minimal discomfort.

改善的生活條件，

Improved living conditions.

精確的技術和人道的麻醉成為充滿仁慈的華爾茲。

precise techniques and humane anesthesia become a waltz filled with compassion.



## 和諧共存

Harmonious Coexistence

在最後一章，

In the final chapter,

**實驗室成為進步和同理心的交響樂。**

the laboratory becomes a symphony of progress and empathy.

**鼠博士的3R原則創造了科學探索和實驗動物福祉之**

**間的和諧共存。**

Dr. Mouse's 3R principles create a harmonious coexistence between scientific exploration and the welfare of experimental animals.





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