

Adapting the Mouse Exchange Toolkit for pharmacology undergraduates: a student-led introduction to animal research

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What is the 'Mouse Exchange Toolkit'?

- A participatory crafting activity to help members of the public think about where research animals come from and how they are cared for



[The Toolkit – The Mouse Exchange](#)



[Home :: Understanding Animal Research](#)

Why *pharmacology* undergraduates?



The British Pharmacological Society has developed [a curriculum for the use of research animals](#) to support the next generation of researchers in gaining the knowledge, skills and attitudes to carry out animal research.

Curriculum for the use of research animals



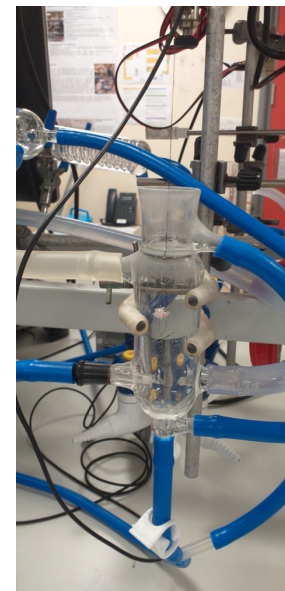
Knowledge



Skills



Attitudes



respectful & considerate attitude to research animals

Awareness of the culture of care



How have we used the mouse exchange with our students?

I've seen mice that the cat brought in

Have you ever met a mouse?

I've seen a fish in dissection at school – the smell!

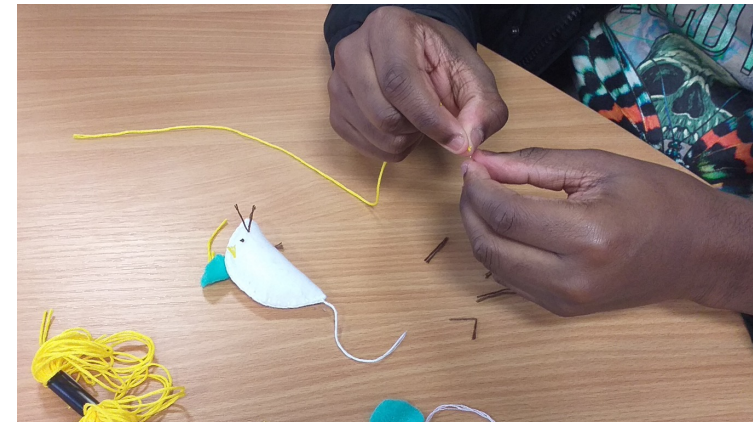
I've seen a bit of ileum... kind of separate from the animal itself



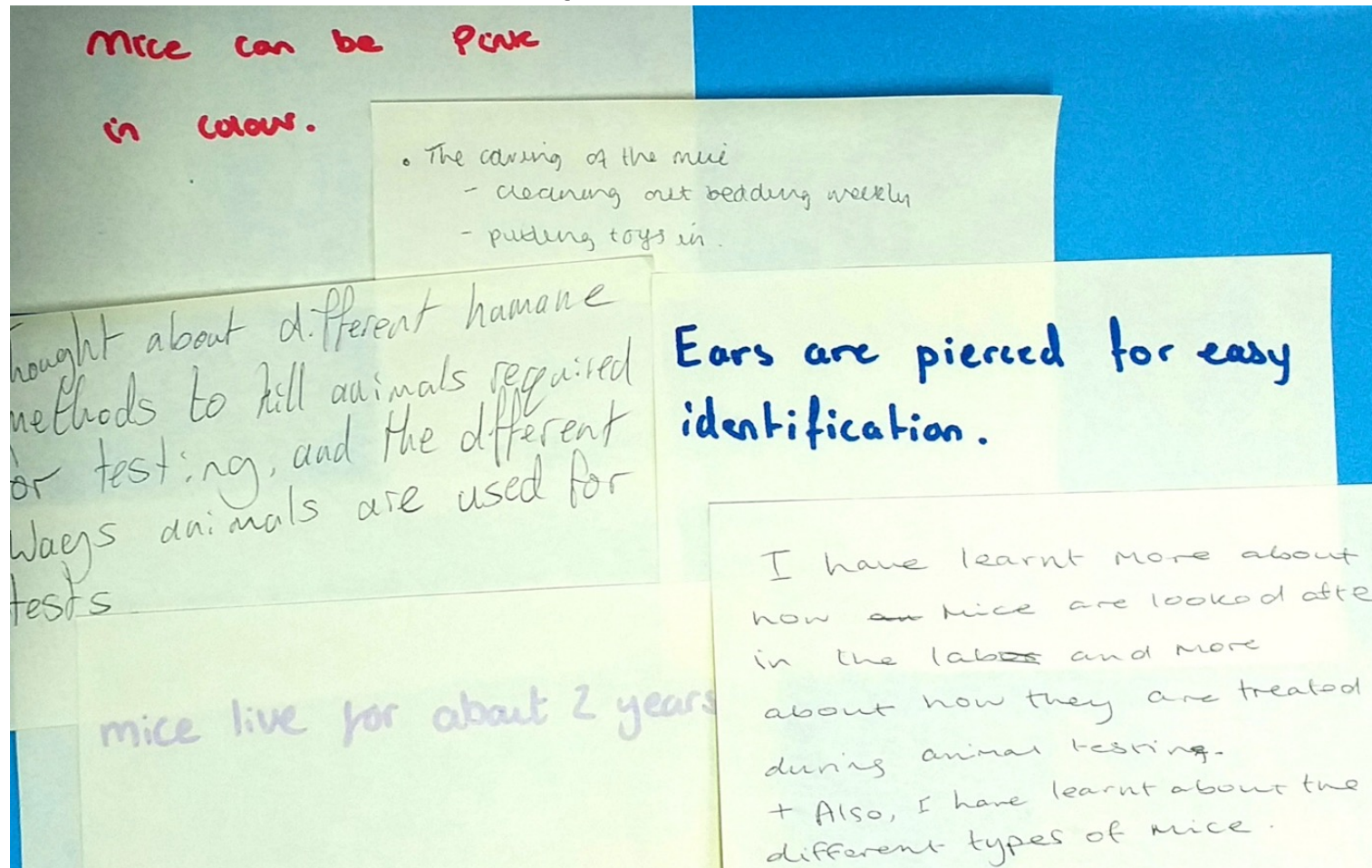
How have we used the mouse exchange with our students?

ID	U0BHLHV	PHENOTYPE	Use to grow tumours for cancer research (Male)
ANIMAL RESEARCH NEXUS	MOUSE PASSPORT	CHARACTER	<ul style="list-style-type: none">• Shy• Intelligent• Fast runner
MOUSE NAME	Gary		
DOB	8/12/2021		
POB	CB 5.12		
COLONY	U0BHLHV		

INSTRUCTIONS FOR CARE	WHAT DO YOU HOPE HAPPENS TO THEM?
<ul style="list-style-type: none">• Provide food, water and shelter• Give them plenty of rest & exercise• Have play time	<ul style="list-style-type: none">• Live a normal, healthy mouse life• If not, provide useful information for cancer research



What do the students take away from the experience?



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“At the beginning of 'crafting a felt mouse' I saw the activity as a pointless exercise. However as the session progressed I felt that the activity was a good method of starting discussions between students and researchers in a setting that felt less intimidating than a standard q&a.”

“I think the various teaching styles across this module were more engaging compared with normal workshops! I enjoyed them .“

“The teaching was very interactive, interesting and informative meaning that learning about the topic was much more enjoyable“

Any questions

