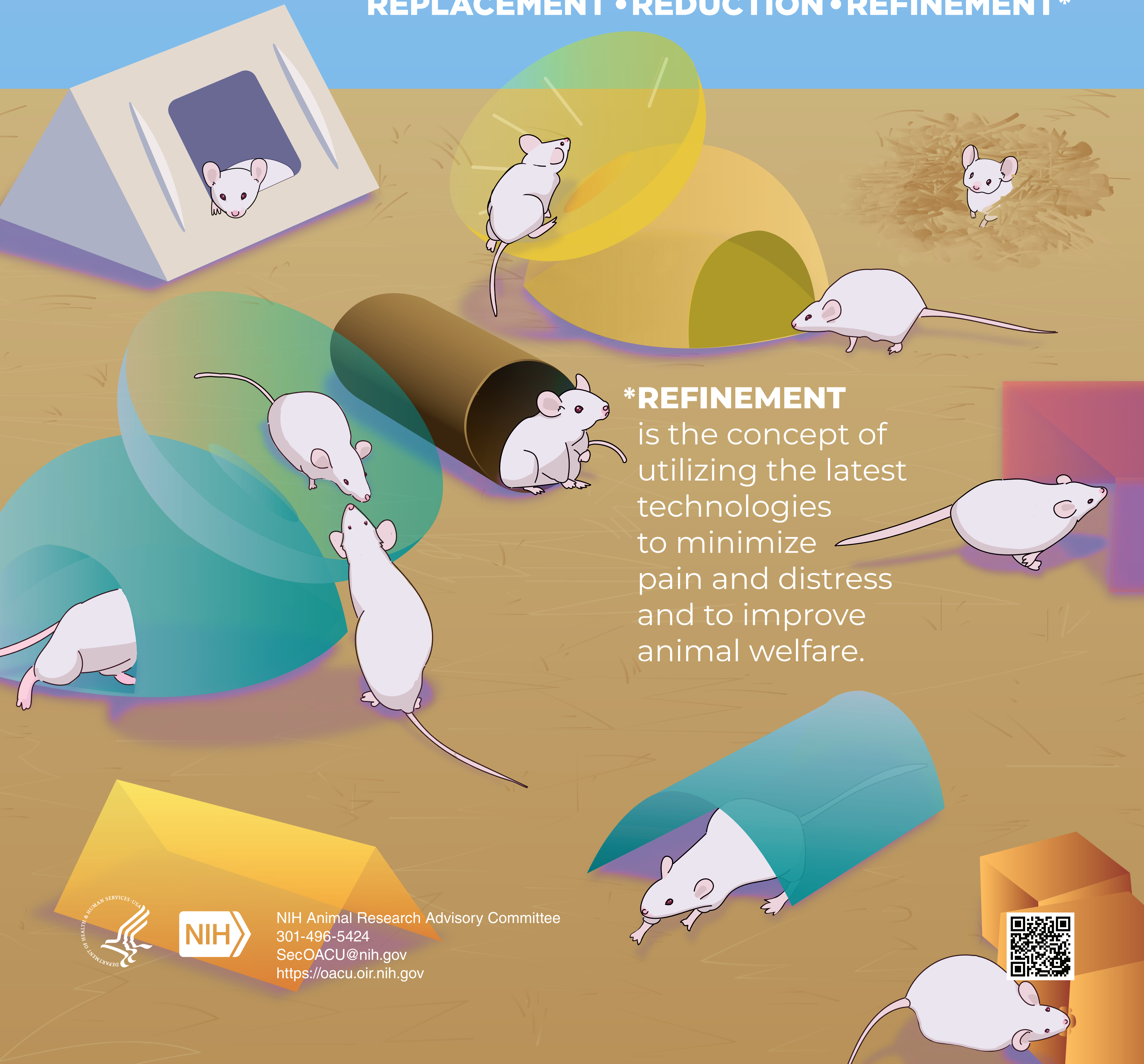




THE 3RS

*Concepts
Guiding
the Ethical
Use of
Animals in
Research*

REPLACEMENT • REDUCTION • REFINEMENT*



***REFINEMENT** is the concept of utilizing the latest technologies to minimize pain and distress and to improve animal welfare.



NIH Animal Research Advisory Committee
301-496-5424
SecOACU@nih.gov
<https://oacu.oir.nih.gov>

