1. Changes to the guidelines for those carrying out research using animals  (recently/introduce).

2. An Edinburgh University neuroscientist believes that the guidelines in research  (should/welcome) by the scientific community.

 3. A great number of scientific experiments on animals  (start) in Britain quite some time ago.

4. The guidelines have taken a long time until they  (introduce) a few months ago.

5. The lives of animals involved in experiments  (waste).

6. These unreliable results mean the lives of the animals involved  (waste).

 7. 10 billion farm animals  (raise) each year in the U.S. farms.

8. 8.5 billion chickens  (kill) for their meat every year.

9. Poorly designed projects, which  (carry) in order to test new medicines every year, lead to animal waste.

10. The problem of poorly designed experiments  (identify) in a survey of scientific papers last month.

11. 300 million chickens  (use) in egg production every year.

12. 4.12 million scientific procedures on animals  (start) in Britain last year.

13. Breeding genetically modified animals  (involve) in last year's experiments.

14. Experiments on animals  (usually/do) to test medicine before human trials are launched.

15. UK scientists  (recently/instruct) to improve the way they use animals in experiments.

16. In 2013, a great number of scientific procedures on animals  (start) in Britain.

17. Today, the breed of chicken used for both egg production and meat production  (breed) for hyperproduction.

18. Nowadays, birds  (exclude) from federal animal protection laws.

19. Large numbers of animals  (raise) for food, these days.

20. Meaningless results  (recently/produce) during poorly designed projects.