

Laboratory Animal Science Crossword Puzzle CLUES

In this Crossword puzzle you will find items involved in Biomedical Research.
All play an important part in the discovery of diseases, development of medicine
and the advancement of our knowledge of living organisms!

Print out this *Clue List* and the *Crossword Puzzle*. Good Luck!

ACROSS

1. What is the area of study that encompasses a variety of living creatures that are included within Biomedical Research
2. To treat another living being with kindness sympathy and mercy
3. Besides a monkey (primate), this lab animal needs extra Vitamin C in the diet to prevent against Scurvy
4. In 1904, Pavlov used this animal model to test responses to certain stimuli (activities)
5. Illness
6. Remedy that promotes healing
7. In the 1980's, this lab animal was used to understand nerve growth factor and skin (epidermal) growth factor
8. The male of this animal is called a "Tom" and the female is called a "Queen"
9. Things that are learned
10. This animal is in the same family as otters, weasels, skunks and minks and has helped researchers gain information about viral diseases
11. Advance, develop, improve
12. People who learn the proper husbandry and veterinary procedures to provide the best care for laboratory animals
13. Carefully plan activities to avoid unnecessary waste of materials
14. This animal helped investigators discover tumor inducing viruses and develop hormonal treatment for cancer in the 1960's
15. Group of people who discuss experimental procedures (protocols) involving animals so that the animals are treated humanely - *Institutional Animal Care and Use Committee*
16. These reptiles have been observed in psychology studies to better understand the "simple" mechanisms in the brain that produce certain behaviors
17. Something that arouses curiosity or attention
18. In the 1990's, this animal allowed researchers to discover that the body can recognize virus-infected cells by its immune system.
19. This animal hoards its food and nest material with cheek pouches

DOWN

1. Decrease
2. The female of this furry animal is usually larger than the male
3. This animal helped researchers discover new mechanisms for the origin and dissemination of disease
4. Find our information by exploration
5. In the 1960's, this animal helped researchers understand the primary physiological and chemical process of vision
6. Care for, provide comfort
7. Device for magnifying very small objects
8. Rules of a group or organization
9. Something takes the place of something else
10. Doctor for animals
11. This animal was studied to understand the organization of social and behavior patterns
12. Checking that something is free from danger
13. Declared that something is true
14. This Department of the Federal government prepares standards and enforces regulations put forth in the Animal Welfare Act
15. Chemical or medicine

Crossword Answers

Across

1. Laboratory animal science
2. humane
3. guinea pig
4. dog
5. disease
6. cure
7. snake
8. cat
9. knowledge
10. ferret
11. progress
12. technicians
13. refine
14. rat
15. IACUC
16. turtles
17. interesting
18. mice
19. hamster

Down

- reduce
- chinchilla
- primate
- discover
- rabbit
- welfare
- microscope
- regulations
- replace
- veterinarian
- fish
- safety
- certified
- USDA-(United States Department of Agriculture)
- drug