



The Important Role of Animals in Nobel Prizes

Here are a few examples of creatures great and small who have played a key role in Nobel prize-winning research.

2006 Nematode (Worm)

Discovery of RNA interference.

2005 Mouse

Discovery that peptic ulcers are caused by a bacterium.

2004 Mouse

Discovery of odorant receptors and the organization of the olfactory system.

2003 Dog (Preliminary Studies)

Discoveries concerning Magnetic Resonance Imaging (MRI).

2002 Nematode (Worm)

Genetic regulation of organ development and programmed cell death.

2001 Sea Urchin

Key regulators of the cell cycle.

2000 Sea Slug

Signal transduction in the nervous system.

1998 Rabbit

Regulating blood pressure with nitric oxide (NO).

1995 Fruitfly

Genetic control of early embryonic development.

1988 Mouse, Chick, Snake

Nerve and epidermal growth factor.

1981 Cat, Monkey

Processing of visual data by the brain.

1979 Pig

Development of computer assisted tomography (CAT scan).

1975 Monkey, Horse, Chicken, Mouse

Interaction between tumor viruses and genetic material.



Animals Involved in Nobel Prize-Winning Research

Can you find the following animals that have been involved in Nobel prize-winning research hidden in the puzzle below? Answers run across, down, and diagonally.

Cat, Chick, Chicken, Dog, Fruitfly, Horse, Monkey, Mouse, Nematode, Pig, Rabbit, Sea Slug, Sea Urchin, Snake

ABFSAEUKHCAXWRAPDSDGSA
ZNCDDHDFGRHOLUTYUIOEAE
LKIHFRRUITFLYZMLKJHAF
WDTKGP RHGCPNKOLPUFTFSP
YKPBAAEEGNKNEMATODEIJLE
GRESDL SFGDKLTYKLD S BUT
THTLEITUTCATXRFDSZTXGB
OCOSDDRSEAURCHINISTBOR
ASURGHAJAITALFGNMCDFRE
XOOASWNDYIJBACJKIIOPYG
SFOWXEGAEDNBBGHOUEGQCD
AEMLPTERXSAIOGRITNWFHE
RGMVINRJKV TMOUSETM JER
IVRUGCDXSZAEAZAQSI OELE
NKIJRNATOMONKEYFTNNGIF
ECHKENG VFCOEDXSTAASD
BIJUOHYUTEDCEAZBITEKTE
ILPMRNHYGRCDYXSIIEBIEG

The Answers

ABFSAEUKHCAXWRAPDSDGSA
ZNCDDHDFGRHOLUTYUIOEAE
LKIHFRRUITFLYZMLKJHAF
WDTKGP RHGCPNKOLPUFTFSP
YKPBAAEEGNKNEMATODEIJLE
GRESDL SFGDKLTYKLD S BUT
THTLEITUTCATXRFDSZTXGB
OCOSDDRSEAURCHINISTBOR
ASURGHAJAITALFGNMCDFRE
XOOASWNDYIJBACJKIIOPYG
SFOWXEGAEDNBBGHOUEGQCD
AEMLPTERXSAIOGRITNWFHE
RGMVINRJKV TMOUSETM JER
IVRUGCDXSZAEAZAQSI OELE
NKIJRNATOMONKEYFTNNGIF
ECHKENG VFCOEDXSTAASD
BIJUOHYUTEDCEAZBITEKTE
ILPMRNHYGRCDYXSIIEBIEG

Michigan Society for Medical Research

P.O. Box 3237 • Ann Arbor, Michigan 48106-3237

tel 734.763.8029

fax 734.930.1568

email mismr@umich.edu

web www.mismr.org

