

Default Question BlockBlock Options

Q37

Dear colleague,
we kindly ask you to fill in this questionnaire. Your involvement in the EU-funded ANIMPACT project will help us gathering information on how scientists from different Member States contribute to animal research and how their opinions and attitudes influence the practice of animal experimentation. The anonymity of the respondents will be rigorously respected. The questionnaire will last approximately 15 minutes. You can close and continue later.

Page Break

Q11

Are you currently working (and/or have been working in the past five years) with laboratory/captive animals?

***Requested response**

- Yes
- No



If Yes Is Selected, Then Skip To **PERSONAL AND PROFESSIONAL INFORMATION...** [Skip Logic](#)

If No Is Selected, Then Skip To **Dear colleague, this questionnaire is...**

[Skip Logic](#)

Q60

Dear colleague,
this questionnaire is directed to researchers working with laboratory/captive animals. If you have not been working with these animals in the past five years, the questionnaire ends here.
Thank you for your attention.

Q5

PERSONAL AND PROFESSIONAL INFORMATION

Age

<30 years

30-39 years

40-49 years

50-60 years

>60 year

Q7

Sex

- Male
- Female

Q8

Level of education

- Bachelor's degree in

- Master's degree in

- PhD degree in

- Other

Q9

Nationality

Q10

Religion

Atheist

Jewish

Agnostic

Muslim

Christian (including Church of England, Catholic, Protestant, etc.)

Sikh

Buddhist

Other

Hindu

Q12

Eating habits and behaviors: Are you

- Omnivorous

- Vegetarian

- Vegan

- Other

Q13

Do you have, or have you ever had, companion animals? *[More than one answer can be chosen]*

- No

- Yes, currently *[please specify which animal(s)]*

- Yes, in the past, but I don't have any more *[please specify which animal(s)]*

Q15

Country of employment (where you are currently working)

Q16

Position

- Bachelor's/Master's student
 Senior researcher
 PhD student
 Lab Technician
 Post-doc
 Head of Department/Lab
 Research Assistant
 Other
 Researcher

Q17

Animal species you are currently working with and/or have been working with in the past five years
[More than one answer can be chosen]

- Mouse
 Birds
 Rat
 Dog
 Rabbit
 Cat
 Primates
 Genetically modified animals
 Fish
 Other

Q19

Current research field(s) [More than one answer can be chosen]

- Basic research
 Preservation of species
 Translational and applied research
 Higher education or training for the acquisition, maintenance or improvement of vocational skills
 Regulatory use and routine production
 Forensic enquiries
 Protection of the natural environment in the interests of the health/welfare of human beings/animals
 Maintenance of colonies of established genetically altered animals, not used in other procedures

Q20

How long have you been working with captive/laboratory animals?

- <1 year
 1-5 years
 6-10 years
 11-20 years
 >20 years

Q21



INFORMATION ON THE RESEARCH CARRIED OUT

Please briefly describe (*one sentence if possible*) the main aim of your research and the species used (e.g. "Tumor progression in mice", "Tool use in primates")

[If you are involved in more lines of research, please choose one. Consider the chosen line of research when answering to the following questions]

Q22



Are you aware of different animal models or non-animal alternative methods to answer your research question?

- Yes, different in vivo animal models
- Yes, alternative methods (e.g. in silico, in vitro)
- Yes, both
- No



If No Is Not Selected, Then Skip To Why did you choose to work with that ...

If No Is Selected, Then Skip To Why did you choose to work with anima...

Q23



Why did you choose to work with that species instead of using the alternative species/ methods you have mentioned? *[More than one answer can be chosen]*

- | | |
|--|--|
| <input type="checkbox"/> This is the most suitable species to answer to the specific research question | <input type="checkbox"/> Logistic and economic constraints |
| <input type="checkbox"/> Presence of a consistent body of literature on this species | <input type="checkbox"/> Institutional reasons (e.g. traditional institution's approach and expertise) |
| <input type="checkbox"/> Comparability with data from other studies/Labs | <input type="checkbox"/> Other reasons <input type="text"/> |
| <input type="checkbox"/> My preference for that species beyond a particular research question | |

Q24



Why did you choose to work with animals at the beginning of your career?

- I was interested in animals (animal behavior, cognition, physiology, etc.)
- I had a strong interest in my research field (e.g. biomedicine, toxicology, behavior, etc.) and I ended up working with animal models
- I chose to carry out my undergraduate work with a certain Professor and/or in a certain Institution and I ended up working with animals utilized in that context
- Other reasons

Q25



In your opinion, in the case you want to change the model species, how much resistance you would encounter in your laboratory environment, for example due to the tradition of your lab/institute (lines of research, methods) or due to peer pressure?

- Extremely Very Moderately Slightly Not at all
-

Q26

Are there some animal species you would never work with?

- No
- Yes *[please specify one animal species]*

 If No Is Selected, Then Skip To Please rate the importance of these f...

If Yes [please specify one ani... Is Not Empty, Then Skip To Which are the main reasons for not us...

Q27

Which are the main reasons for not using this species? *[More than one answer can be chosen]*

- Because of my personal ethical considerations
- Because I don't like this species
- I don't have financial resources or my lab does not have space to house this species
- Because I feel affection for this species
- Because law regulations to use this species are too strict
- Others
- Because the use of this species would generate too much pressure from the public opinion

Q28

Please rate the importance of these factors in influencing your choice of the animal model

	Extremely	Very	Moderately	Slightly	Not at all
Limitations imposed by both national and supranational (Directive 2010/63/EU) regulations	<input type="radio"/>				
Public opinion	<input type="radio"/>				
Opinions of friends and relative	<input type="radio"/>				
Project authorization process	<input type="radio"/>				
Evaluation by ethics or animal care committees	<input type="radio"/>				
Resource allocation and funding by public or private institutions	<input type="radio"/>				

Q58

As in the previous question, please rate the importance of these factors in influencing your choice of the animal model

	Extremely	Very	Moderately	Slightly	Not at all
Scientific considerations, e.g. Research question / Quality of the data collected / Comparison with other Labs and Institutes	<input type="radio"/>				
Ethical considerations regarding animal welfare	<input type="radio"/>				
Preferences for different species / Attitudes towards animals (and/or animal use)	<input type="radio"/>				
Costs (including housing and management of animals / Technologies / Equipment / Staff)	<input type="radio"/>				
Trends, including trend in scientific publishing	<input type="radio"/>				

Q29

How well do you know the new Directive on the protection of animals used for scientific purposes (Directive 2010/63)?

Not at all Not well Fairly well Well Very well

Q38

Please rate how much the following aspects of your work with animals are influenced by the public opinion

	Extremely	Very	Moderately	Slightly	Not at all
Choice of the animal model (e.g. considering that some species such as dogs, cats and non-human primates are object of great public sensitivity)	<input type="radio"/>				
Purpose of the research (e.g. considering that some health-related lines of research are relevant for the public)	<input type="radio"/>				
Methods (e.g. considering public pressure against invasive tests)	<input type="radio"/>				
Dissemination of results (e.g. putting emphasis on animal protection and/or on the impact of the research for the public)	<input type="radio"/>				

Q39

In your opinion, is public concern about animal welfare/ human health issues affecting funding decisions by granting agencies?

- Yes, especially with regards to animal welfare
- Yes, especially with regards to human health issues
- Yes, for both aspects
- No
- I don't know

Q41



Imagine you are involved in an experiment which uses a particular species in a severe procedure (i.e. procedure as a result of which the animals are likely to experience severe pain, suffering or distress, or long-lasting moderate pain, suffering or distress, as well as procedures that are likely to cause severe impairment of the well-being or general condition of the animals).

Please rate how much it would be acceptable for you to use the following animal species in such procedures, from 'Not acceptable' (1) to 'Very acceptable' (5)

	1 - Not acceptable	2	3	4	5 - Very acceptable
Dog	<input type="radio"/>				
Rat	<input type="radio"/>				
Drosophila	<input type="radio"/>				
Pig	<input type="radio"/>				
Fish	<input type="radio"/>				
Rabbit	<input type="radio"/>				
Birds	<input type="radio"/>				
Cat	<input type="radio"/>				
Mouse	<input type="radio"/>				
Octopus	<input type="radio"/>				
Chimpanzee	<input type="radio"/>				
Rhesus monkey	<input type="radio"/>				
Reptiles	<input type="radio"/>				
Amphibians	<input type="radio"/>				
Guinea Pigs	<input type="radio"/>				

Q42



Which personal criterion have you used to rate the species? *[More than one answer can be chosen]*

- Moral relevance attributed to the species
- Use of that particular species in human society (e.g. animals used for companionship, animals used for food consumption)
- Perceived neurobiological complexity/ sensitivity of the species used (perceived ability to experience different cognitive states including suffering)
- Other
- Relationship with and/or preference for that particular species

Q43



Among the procedures you carry out on animals, think about the procedure which has the biggest impact on animals. Please rate this procedure in terms of pain/stress to the animal, from **1-Not at all stressed** to **7-Extremely Stressed**

1-Not at all stressed 2 3 4 5 6 7-Extremely stressed

Q44

In your opinion how much of your work with animals has an impact on society, in terms of benefits for human and animal health or in terms of raising knowledge in your field of research? Please rate the impact of your research from **1-Low impact to 7-High Impact**

1-Low impact 2 3 4 5 6 7-High impact

Q45

Do you think that the potential benefits of your research balance the actual costs (in terms of welfare) inflicted to the animals?

- Yes, the impact of my research balances the cost inflicted to the animals
- No, the impact/benefit of my research does not balance the cost inflicted to the animals
- Yes, though I should try to decrease the animal stress/pain
- I don't know
- Yes, though I should try to increase the research impact/benefit

Q47

The 3Rs model by Russell and Burch (1959) is a guiding principle for humane animal experimentation and is a substantial part of the Directive 2010/63 on the protection of animals used in procedures. How much do you take into account the 3Rs principle during your research with animals? Please rate from **1-Not at all to 5-Very much**

1-Not at all 2 3 4 5-Very much

Q46

Which one of the 3Rs you find more easy to apply to your research? *[More than one answer can be chosen]*

- Replacement
- Reduction
- Refinement
- I don't know

Q48

Please rate your level of agreement with the following statements, from **1-Not at all to 5-Very much**

	1-Not at all	2	3	4	5-Very much
When working with experimental animals, taking into account animal welfare is important because it increases the quality of the data collected	<input type="radio"/>				
When working with experimental animals, taking into account animal welfare is important because animal welfare is object of great public sensitivity and a focus of attention	<input type="radio"/>				

	1-Not at all	2	3	4	5-Very much
to the public eye					
When working with experimental animals, taking into account animal welfare is important because of ethical reasons (animal welfare is a value in itself)	<input type="radio"/>				
When working with experimental animals, taking into account animal welfare is important because legislation imposes to do it	<input type="radio"/>				

Q50

Would you like to add something? Have you some personal considerations you would like to add?

Q51

Thank you very much for having participated to our research!

Your involvement will contribute to analyse and evaluate the interactions between Directive 2010/63/EU and health research and innovation by an in-depth analysis of the decision-making mechanisms that determine how and when animals are used in research.

Please click NEXT

Q52

If you want to further help us gather information about researchers' attitude towards animals, below you can choose one of the surveys we are presenting to specialists and non-specialists in the context of a bigger research project about human perception of different animal species.

- Questionnaire on animals' psychological states**
- Questionnaire on moral obligation towards animals**
- Questionnaire on attitudes towards animals**
- I don't want to participate to any other survey

If **Questionnaire on animals** ... Is Selected, Then Skip To **We are going to ask you few questions...**

If **Questionnaire on moral obli...** Is Selected, Then Skip To **When we think about animals in the wo...**

If **Questionnaire on attitudes ...** Is Selected, Then Skip To **This questionnaire consists of 20 sta...**

If **I don't want to participate...** Is Selected, Then Skip To **End of Survey**

Q53

	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
Imagining	<input type="radio"/>										
Wishing	<input type="radio"/>										
	-5	-4	-3	-2	-1	0	+1	+2	+3	+4	+5
Needing	<input type="radio"/>										
Desiring	<input type="radio"/>										
Intending	<input type="radio"/>										
Planning	<input type="radio"/>										
Choosing	<input type="radio"/>										
Reasoning	<input type="radio"/>										

Q55

How much does this species deserve moral treatment? From **1-Not at all** to **7-Very much so**

1-Not at all

2

3

4

5

6

7-Very much so

Q62

Thank you very much for having participated to our research!

Your involvement will contribute to analyse and evaluate human attitudes towards animals and how experience in working with animals affect such attitudes.

We hope you have enjoyed participating to our survey. If you have any question, please contact marta.borgi@iss.it



If Thank you very much for hav... Is Displayed, Then Skip To End of Survey [Skip Logic](#)

Q57

When we think about animals in the world, we might feel a moral obligation to show concern for the welfare and interests of some of those animals. Below is a list of animals.

Please tick those that you feel morally obligated to show concern for.

Gibbons

Beavers

Gorillas

Chickens

Lemurs

Fish

Baboons

Starfish

Monkeys

Humans

Bats

Snails

Hedgehogs

Alligators

- | | |
|------------------------------------|--------------------------------------|
| <input type="checkbox"/> Rats | <input type="checkbox"/> Lions |
| <input type="checkbox"/> Elephants | <input type="checkbox"/> Orang-utans |
| <input type="checkbox"/> Kangaroos | <input type="checkbox"/> Dogs |
| <input type="checkbox"/> Birds | <input type="checkbox"/> Dolphins |
| <input type="checkbox"/> Snakes | <input type="checkbox"/> Ducks |
| <input type="checkbox"/> Sharks | <input type="checkbox"/> Squirrels |
| <input type="checkbox"/> Frogs | |

Q55

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If Thank you very much for hav... Is Displayed. Then Skip To End of Survey [Skip Logic](#)

Q61

This questionnaire consists of 20 statements regarding the use of animals. We kindly ask you to rate the extent to which you agree or disagree with the statement.

	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree
1. It is morally wrong to hunt wild animals just for sport	<input type="radio"/>				
2. I do not think that there is anything wrong with using animals in medical research	<input type="radio"/>				
3. There should be extremely stiff penalties including jail sentences for people who participate in cock-fighting	<input type="radio"/>				
4. Wild animals, such as mink and raccoons, should not be trapped and their skins made into fur coats	<input type="radio"/>				
5. There is nothing morally wrong with hunting wild animals for food	<input type="radio"/>				
6. I think people who object to raising animals for meat are too sentimental	<input type="radio"/>				
Much of the scientific research done with animals is unnecessary and cruel	<input type="radio"/>				
	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree
8. I think it is perfectly acceptable for cattle and hogs to be raised for human consumption	<input type="radio"/>				

	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree
9. Basically, humans have the right to use animals as we see fit	<input type="radio"/>				
10. The slaughter of whales and dolphins should be immediately stopped even if it means some people will be put out of work	<input type="radio"/>				
11. I sometimes get upset when I see wild animals in cages at zoos	<input type="radio"/>				
12. In general, I think that human economic gain is more important than setting aside more land for wildlife	<input type="radio"/>				
13. Too much fuss is made over the welfare of animals these days when there are many human problems that need to be solved	<input type="radio"/>				
14. Breeding animals for their skins is a legitimate use of animals	<input type="radio"/>				
	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree
15. Some aspects of biology can only be learned through dissecting preserved animals such as cats	<input type="radio"/>				
16. Continued research with animals will be necessary if we are to ever conquer disease such as cancer, heart diseases, and AIDS	<input type="radio"/>				
17. It is unethical to breed purebred dogs for pets when millions of dogs are killed in animal shelters each year	<input type="radio"/>				
18. The production of inexpensive meat, eggs, and dairy products justifies maintaining animals under crowded conditions	<input type="radio"/>				
19. The use of animals such as rabbits for testing the safety of cosmetics and household products is unnecessary and should be stopped	<input type="radio"/>				
20. The use of animals in rodeos and circuses is cruel	<input type="radio"/>				

Q56



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