

ORGANISATIONS WORKING FOR ALTERNATIVES TO ANIMAL EXPERIMENTATION

Europe

ECOPA, European Consensus-Platform for Alternatives:

<https://www.ecopa.eu/>

The primary aim of *ecopa* is to promote "the three Rs" (Replacement, Reduction and Refinement) in the use of animals in research, testing, education and training in Europe. *Ecopa* strives for consensus between all four stakeholders in attempting to achieve its goals:

- Government and regulatory authorities
- Academia
- Industry
- Animal protection and welfare organisations

ecopa supports the establishment of National Consensus Platforms which promote the three Rs and include representatives of all four stakeholders in their governing body.

EPAA, The European Partnership for Alternative Approaches to Animal Testing:

https://ec.europa.eu/growth/sectors/chemicals/epaa_en

The European Partnership for Alternative Approaches to Animal Testing (EPAA) is an unprecedented voluntary collaboration between the European Commission, European trade associations, and companies from 7 industry sectors.

The partners are committed to pooling knowledge and resources to accelerate the development, validation and acceptance of alternative approaches to animal use in regulatory testing. The overall aim is the replacement, reduction and refinement (3Rs) of animal use in regulatory testing.

EURL ECVAM, European Union Reference Laboratory for alternatives to animal testing

<https://ec.europa.eu/jrc/en/eurl/ecvam>

EURL ECVAM is an integral part of the Joint Research Centre (JRC), the science and knowledge service of the European Commission and is located at the JRC site in Ispra, Italy.

EUSAAT, European Society for Alternatives to Animal Testing:

<http://www.eusaat-congress.eu/>

EUSAAT, the European Society for Alternatives to Animal Testing, is the European 3Rs Society. EUSAAT is actively promoting the protection of experimental animals according to the 3Rs-

Principle (refine - reduce - replace) developed by Bill Russel und Rex Burch in 1959 in their ground-breaking book “The Principles of Humane Experimental Technique”. Russel and Burch proposed to refine the experiments to reduce the number and the suffering of the used experimental animals and finally to fully replace them by advanced non-animal technologies.

To this end EUSAAT is serving as European 3Rs platform by offering expertise and networking, and supporting educational programs in close cooperation with NGOs, regulators, research institutions and industry to improve and implement humane experimental techniques as wells as advanced in silico und in vitro methods.

Denmark

DANISH 3R CENTRE: <https://en.3rcenter.dk/>

The 3R-centre was established in june 201y the minister for food, agriculture and fisheries, ina unique collaboration with both the pharmaceutical industry and animal welfare organisations.

Vision

- Generate a leading environment within the implementation and dissemination of information on [the 3Rs](#).

Mission

- Initiate activities that may lead to the immediate implementation of the 3Rs.
- Provide a forum for collaboration, discussion, exchange and dissemination of information on the 3Rs.
- Initiate research projects and recommend funds allocation of resources within the area.

Tasks

- Collect and disseminate information on 3Rs
- Initiate and support research within the 3Rs
- Coordinate 3R activities
- Research alliances
- Opportunities for further education
- Publish on 3R
- Host international conferences on 3Rs
- Generate best practice guide
- Increase focus on international collaboration

France

FRANCOPA: National platform for the development of alternative methods in animal experimentation.

<http://www.francopa.fr/web/francopa?page=home&out=txt&languageIhm=fre>

It is the French platform dedicated to the development, validation and dissemination of alternative methods in animal experiments. It was created on July 6, 2007 (in the form of a Scientific Interest Group - GIS "alternative methods") in a framework of assessment of the danger and the control (health products, food, cosmetics, chemical substances) as in the context of research and teaching it brings together French partners with the common objective of promoting methods to reduce animal suffering, to use a bioinformatic method, a cell test as a substitute for a test on animals or reduce the number of animals used during this test. It is a member of the European platform (European Consensus-Platform for Alternatives). It has fifteen partners from the different sectors concerned, from the four pillars of government institutions, research institutes, industry and non-governmental organizations for animal welfare.

Finland

FINCOPA Finnish National Consensus Platform for Alternatives: <http://fincopa.fi/>

According to Ecopa's principles, Fincopa is a forum for cooperation with four communities; representatives of universities, industry, animal welfare organizations and state administrations meet and discuss the promotion of ethical principles in 3R, and in particular the development of alternative methods.

Fincopa, Finland's National Alternative Methods Forum was established in Tampere on September 21, 2003 in conjunction with the Scandinavian Workshop on In Vitro Toxicology. 10 participants in the meeting were represented by the university world, industry, animal welfare organizations and the state. The meeting defined the objectives of the Finnish National Forum and presented a draft of Fincopa's rules.

Fincopa was registered as an official association in the Register of Patent and Registration Registry on November 9, 2004. Fincopa is an official member of [Ecopan](#)(European [Consensus](#) Platform for Alternatives) of the European umbrella organization .

Germany

CAAT Europe, Centre for Alternatives to Animal Testing:

<http://caat.jhsph.edu/>

CAAT,The Johns Hopkins Center for Alternatives to Animal Testing:

The Johns Hopkins Center for Alternatives to Animal Testing (CAAT), founded in 1981, is part of the Johns Hopkins University Bloomberg School of Public Health, with a European branch (CAAT-Europe) located at the University of Konstanz, Germany. It is also highly involved in the replacement of animals with in vitro methods in the medical field. They regularly bring together

industrial and academic scientists, animal welfare organizations, and the government regulatory community to discuss the issue of animal testing and its possible alternatives. They have also been invited to participate in every U.S. government related activity dealing with alternatives, including the FDA's Sub-Committee on Toxicology. They are working hard to move us further away from the use of animals in medical and laboratory experiments.

SET, <http://www.stiftung-set.de/en/>

Foundation for the Promotion of Alternate and Complementary Methods to Reduce Animal Testing: The foundation set stands for constructive cooperation and the commitment to find and promote new alternatives. The common concern is to improve, reduce and avoid animal testing. The foundation set provides constructive cooperation between industry, animal welfare organizations, science and public authorities to actively promote alternative 3R methods.

Bf3R, German Centre for the Protection of Laboratory Animals (Bf3R):

https://www.bfr.bund.de/en/german_centre_for_the_protection_of_laboratory_animals.html

The BfR performs the role of the "German Centre for the Protection of Laboratory Animals (Bf3R)" and coordinates all associated activities nationwide with the goal of:

- Reducing animal experiments to the necessary minimum
- Providing the best possible protection for laboratory animals.

Furthermore, national and international research activities and a scientific dialogue shall be encouraged by the work of the Centre.

Mission and goals of the German Centre for the Protection of Laboratory Animals (Bf3R)

- Intensifying research on alternative methods
- Advice to authorities and research institutions
- International harmonisation of alternative methods
- Research funding of alternative methods
- Provision of information to the public and experts

Italy

IPAM: Italian platform on alternative methods: <https://www.ipamitalia.org/>

THE establishment of National Platforms for alternative methods was promoted by a large group of participants in the "Third World Congress on Alternatives and Animal Use in the Life Sciences", held in Bologna from 29 August to 2 September 1999. On that occasion we agreed on the following two basic points:

- To promote / facilitate the implementation of alternative methods, National Platforms (PNs) or Centers with particular tasks are required:
- Representatives interested in the use of alternative methods have been identified as representative figures of government institutions, of industry, of the scientific world (university / research institutes) and of animalist organizations and for animal well-being.

Norway

NORECOPA:

<https://norecopa.no/>

Norecopa is Norway's National Consensus Platform for the advancement of "the 3 Rs" (Replacement, Reduction, Refinement) in connection with animal experiments. It was founded on 10 October 2007. It has produced the PREPARE guidelines for planning animal research and testing and frequently arranges meetings about the use of animals in research, to advance the 3 Rs. Institutions and private persons can both become members of Norecopa. The majority of Norwegian research organisations are members. Norecopa's secretariat is attached to the Norwegian Veterinary Institute in Oslo.

Netherlands

3Rs-Centre ULS:

<https://www.uu.nl/en/organisation/3rs-centre-uls>

The 3Rs-Centre for alternatives to animal use at the Utrecht Science Park, The Netherlands. The mission statement of the 3Rs-Centre Utrecht Life Sciences (ULS) is to stimulate the development, acceptance and implementation of methods which can Replace, Reduce and Refine (the 3Rs) animal experiments. The centre is affiliated with Utrecht Life Sciences and provides information and advice to the Animal Welfare Body of both Utrecht University and the University Medical Centre Utrecht.

Spain

REMA, <http://www.remanet.net/ingles/remaingles.htm>

Red Española de Métodos Alternativos:

The *Spanish Network for the Development of Alternative Methods* (REMA) is a platform that coordinates the initiatives of the Industry, the Administration, the Society and the Scientific World towards a reduction and a more rational use of laboratory animals promoting the development of alternative methods. The growing sensitivity in favor of the development of

alternatives to the use of animals in research has been the driving force behind the different social, cultural and scientific movements in favor of the development, validation and legal implementation of such alternative methods.

Sweden

Swedish Toxicology Sciences Research Center:

<https://forskautandjurforsok.se/swedish-fund-for-research-without-animal-experiments/>

The Swedish Government and Parliament have adopted various environmental quality objectives and one of them is a Non-toxic Environment. The objective is that by 2020 the pre-requisites for protecting human health and the environment from harmful chemicals will be in place.

Swetox has been created in order to further improve Sweden's ability to meet society's need for safe chemicals and a non-toxic environment. The work of Swetox is a unique collaboration between eleven Swedish universities. We also aim to establish strong international relationships and collaborations. Swetox will conduct innovative, interdisciplinary, fundamental research, applied research and commissioned research, as well as developing new and coordinating existing educational activities. There will be skills and equipment to work integrated with computer models, cell-based systems and animal testing, in order to better understand the impact of chemicals on humans and other organisms.

Switzerland

The 3R Foundation, the 3Rs research foundation:

<https://www.forschung3r.ch/en/information/index.html>

The aim of the 3R Foundation is to promote alternative research methods to animal experimentation through grants for research projects as well as to implement and promote the 3R principles. The organisation supports first and foremost projects aimed at developing new methods or refining accepted methods (validation) which offer improvements vis-à-vis standard animal experimentation in line with the 3R motto Reduce, Refine, Replace. Research projects are selected for support according to periodically defined principal areas for financial support.

UK

NC3Rs, National centre for Replacement, Refinement and Reduction of animals in Research:

<https://www.nc3rs.org.uk/>

The NC3Rs is a UK –Based scientific organisation dedicated to replacing, refining and reducing the use of animals in research and testing. We collaborate with scientists and organisations from across the life science sectors, nationally and internationally, including universities, the

pharmaceutical, chemical and consumer products industries, other research funders, and regulatory authorities. We support the commitment of the scientific community to the 3Rs by funding research and early career development, supporting innovation and the commercialisation of 3Rs technologies, and stimulating changes in policy, regulations and practice. The NC3Rs was launched in 2004 in response to the House of Lords Select Committee report on Animals in Scientific Procedures, which recommended the establishment of a national centre to increase the focus on the 3Rs.

FRAME

Fund for the Replacement of Animals in Medical Experiments:

<https://frame.org.uk/>

FRAME is an independent charity with the ultimate aim of the replacement of animals in medical experiments. Our focus is on finding and researching alternatives to animal testing. We are dedicated to the development of new, valid and ethical scientific methods that will replace the need for laboratory animals in medical and scientific research, education and testing. Where the use of animals is currently necessary, FRAME supports the reduction of numbers involved to a minimum, along with the refinement of experimental procedures to minimise any suffering caused.

Canada

CCAC, The Canadian Council on Animal Care:

<https://www.ccac.ca/>

The Canadian Council on Animal Care (CCAC) is the national peer-review organization responsible for setting, maintaining, and overseeing the implementation of high standards for animal ethics and care in science throughout Canada.

USA

ASCCT, American Society for Cellular and Computational Toxicology:

<https://www.ascctox.org/>

The American Society for Cellular and Computational Toxicology (ASCCT) is a scientific society dedicated to the promotion of toxicology testing and research that reduces and replaces the use of animals.

IFER, The International Foundation for Ethical Research (IFER):

<http://www.ifer.org/>

It supports the development, validation and implementation of innovative scientific methodologies that advance science and replace the use of animals in research, testing and education.

IFER bridges the gap between the ethical concerns of people who oppose the suffering of animals and the concerns of scientists who recognize the limitations of other species to model human diseases and to predict what is safe and effective for people. IFER invests in opportunities that are inspired by the potential of 21st century technologies and provides incentives to researchers to pursue answers to today's questions in science without causing harm to animals.

The International Foundation for Ethical Research is charting a new course toward better, more ethical science.

IIVS Institute for In Vitro Sciences: <https://iivs.org/>

The Institute for In Vitro Sciences, Inc. is a non-profit research and testing laboratory dedicated to the advancement of *in vitro* (non-animal) methods worldwide. Founded in 1997, the Institute is unique in its position as a high quality testing laboratory while also offering technical and educational resources to advance the field.

ASIA

[MGDC](#), Mahatma Gandhi-Doerenkamp Centre for Alternatives to Use of Animals in Life Science Education:

- The Center will endeavor to advance the concept of 'humane science' and implement the concept of the 3Rs in education, research and testing, in accordance with Indian legislations, the international 'Declaration of Bologna,' and international advances in the science of alternatives.
- The Center will work to create a strong and positive presence for alternatives to the use of animals in experimentation/testing in India and proactively work to blend life science education with the Gandhian philosophy of nonviolence.
- The Center will evolve a national program for humane education in teaching and research.

JaCVAM, The Japanese Center for the Validation of Alternative Methods:

<http://www.jacvam.jp/en/>

JaCVAM's policy and mission is to promote the 3Rs in animal experiments for the evaluation of chemical substance safety in Japan and establish guidelines for new alternative experimental methods through international collaboration.

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| the 3Rs in animal experiments-- | Reduction (of animal use) |
| - | Refinement (to lessen pain or distress and to enhance animal well-being) |
| | Replacement (of an animal test with one that uses non-animal systems or phylo-genetically lower species) |
| | (OECD GD34) |

ECEAE, European Coalition to End Animal Experiments: <https://www.eceae.org/>

The European Coalition to End Animal Experiments (ECEAE) are working hard to help eliminate all animal testing within the European Union. They have been the voice for these helpless animals for nearly 25 years. In that time, they've ended animal testing for cosmetics in the EU and have delivered globally recognized cruelty-free standards for cosmetics, the Humane Cosmetics Standard.

PETA, People for ethical treatment for animals: <https://www.peta.org/about-peta/>

People for the Ethical Treatment of Animals (PETA) is the largest animal rights organization in the world, with more than 6.5 million members and supporters. PETA focuses its attention on the four areas in which the largest numbers of animals suffer the most intensely for the longest periods of time: in laboratories, in the food industry, in the clothing trade, and in the entertainment industry. We also work on a variety of other issues, including the cruel killing of rodents, birds, and other animals who are often considered "pests" as well as cruelty to domesticated animals. PETA works through public education, cruelty investigations, research, animal rescue, legislation, special events, celebrity involvement, and protest campaigns.