The Danish 3R-Center

- and the National Committee

What we do...

Danish 3R-Center

RRR

Bringing people together…

The Danish 3R Symposium

Ministry of Food, Agriculture and Fisheries of Denmark

Danish National Committee for the Protection of Animals used for Scientific Purposes

The annual meeting for the animal welfare bodies

Danish 3R-Center

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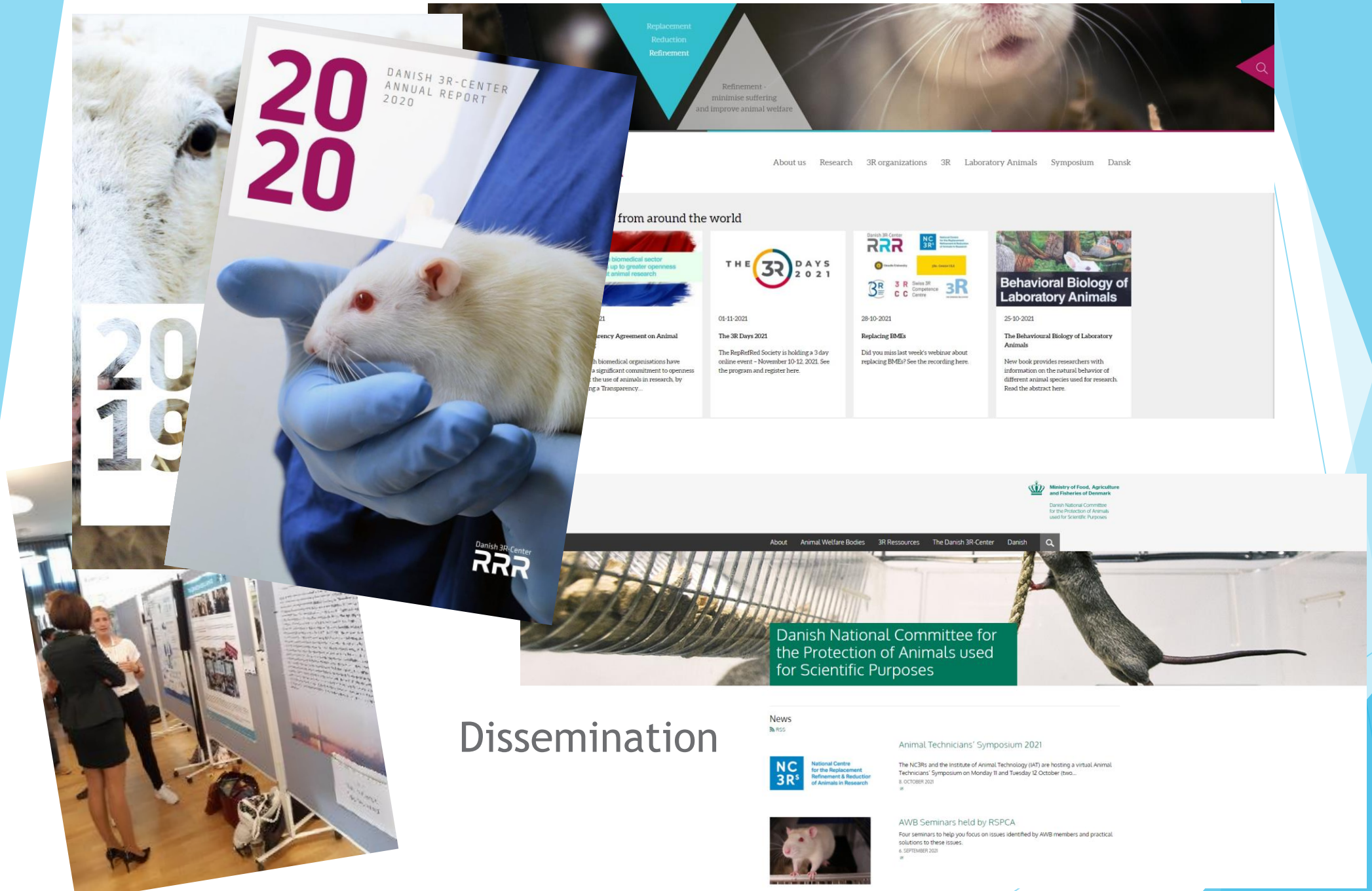
3Rs prize



Dissemination

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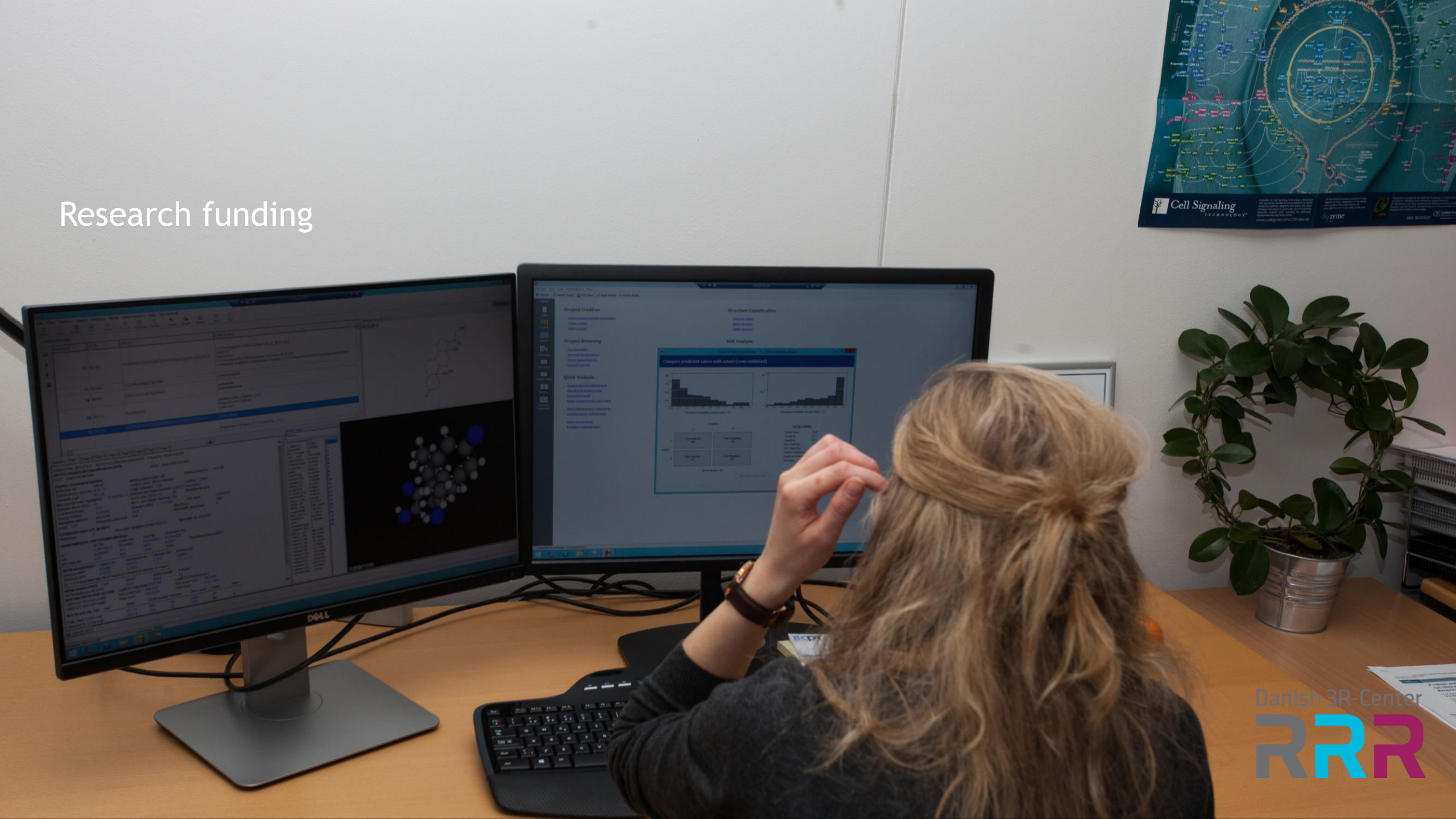
Ministry of Food, Agriculture and Fisheries of Denmark

Danish National Committee for the Protection of Animals used for Scientific Purposes

Research funding



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Letter

Consensus Statement from the European Network of 3R Centres (EU3Rnet)

*Winfried Neuhaus**

AIT - Austrian Institute of Technology GmbH, Center Health and Bioresources, Competence Unit Molecular Diagnostics, Vienna, Austria

A Network of European 3R Centres (EU3Rnet) was established in connection with the EUSAAT conference in 2018 in order to strengthen cooperation between different centres. Increased cooperation has a multitude of benefits, since many of the efforts made by local or regional centres are of national and international importance. As an important step, the members have decided to publish a consensus statement for the network.

Consensus Statement

EU3Rnet embraces *all* of the 3Rs (*Replacement*, *Reduction* and *Refinement*) throughout its work, since the 3Rs are the foundation of improved conditions for research animals and for better science.

EU3Rnet also considers it important to focus on *Non-Animal Methods*[1] as part of its collaborative efforts. *Non-Animal Methods* have largely been developed further after the introduction of the 3R concept by Russell and Burch[2] in 1959, thanks to technological advances in *in vitro* and *in silico* methods. EU3Rnet will therefore endeavour to promote this approach, so that researchers do not consider animal models by default when answering research questions, and instead consider the range of *Non-Animal Methods* available, in order to avoid the unnecessary use of animal experimentation. When a relevant *Non-Animal Method* or an alternative *Replacement* method[3] to an animal model does not exist, the possibilities for *Reduction* and *Refinement* of the model must be examined.

EU3Rnet considers it important that internationally relevant national efforts to develop and promote the 3Rs and *Non-Animal Methods* are disseminated within the network. The network will disseminate such information to its members, who in turn will disseminate the information further through their communication channels (which include websites, newsletters, symposia, training activities, annual reports and other channels).

EU3Rnet will emphasize the importance of involving all members of the research animal community in these efforts to develop and disseminate 3R resources. These include animal carers, technologists, veterinarians, teachers, lecturers and scientists.

All of the 3R centres in EU3Rnet pledge themselves to prioritization of their dissemination efforts. Whenever possible, they will use publically available platforms to disseminate this knowledge, in order to maximize exposure.

Cooperation

Recommendations and statements

Ministeriet for Fødevarer, Landbrug og Fiskeri
Udvalget for Forsøgsdyr og Alternativer

Fødevarestyrelsen den 20. September 2021

Recommendations regarding antibodies

from the National Committee for Laboratory Animals and Alternatives, Denmark

Ministeriet for Fødevarer, Landbrug og Fiskeri
Udvalget for Forsøgsdyr og Alternativer

Danmarks 3R-Center

Brug af dyr i undervisning

Udtalelse af Danmarks 3R-Center og Udvalget for Forsøgsdyr og Alternativer

Siden etablering af Danmarks 3R-Center og Udvalget for Forsøgsdyr og Alternativer (det nationale udvalg) har bestyrelsen haft fokus på EU direktivets intention om at erstatte dyr med dyrefri metoder, hvor det er muligt. Et fokusområde har været brug af dyr i undervisningsøjemed.

I Danmark benyttes der dyr i undervisning i forbindelse med visse naturfaglige uddannelser. Det kan være undervisning ved 1) indlæring af basale færdigheder (f.eks. undervisning af dyrlæger) eller 2) ved undervisning i anatomi/fysiologi/farmakologi eller lignende, hvor det ikke er for at lære en teknik, men udelukkende af indlæringsmæssige årsager, at der benyttes forsøgsdyr. Derudover kan der være undervisning i forbindelse med kurser, hvor ovenstående inddeling også er gældende.

Ministeriet for Fødevarer, Landbrug og Fiskeri
Udvalget for Forsøgsdyr og Alternativer

Dyrevelfærdsorganerne i Danmark er særdeles velfungerende

Udtalelse fra Udvalget for Forsøgsdyr og Alternativer

Dyrevelfærdsorganernes Styregruppe[1] foretog i 2019 en undersøgelse af landets dyrevelfærdsorganer for at opnå viden om deres *organisering*, *kommunikation* og *arbejdsopgaver*[2]. På baggrund af denne undersøgelse - sammenholdt med erfaringer som *Udvalget for Forsøgsdyr og Alternativer* har gjort sig gennem en årrække med landets dyrevelfærdsorganer – konkluderer *udvalget*, at vi har særdeles velfungerende dyrevelfærdsorganer i Danmark – og det på trods af, at etableringen af et dyrevelfærdsorgan først blev gjort lovpligtigt i 2013.

Danish 3R-Center

Ministry of Food, Agriculture and Fisheries of Denmark
Danish National Committee for the Protection of Animals used for Scientific Purposes

Joint European funding principles for research involving animals

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Danmarks Grundforskningsfond
Danish National Research Foundation

LUNDBECKFONDEN

HJERTE FORENINGEN

Kræftens Bekæmpelse

novo nordisk fonden

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Gigtforeningen

DANMARKS FRIE FORSKNINGSFOND

Ministry of Food, Agriculture and Fisheries of Denmark

Danish National Committee for the Protection of Animals used for Scientific Purposes

Danish 3R-Center

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See you next year…

November 8-9

LEO

ANIMAL PROTECTION DENMARK

Ministry of Environment and Food of Denmark

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Lundbeck

Ministry of Food, Agriculture and Fisheries of Denmark

Danish National Committee for the Protection of Animals used for Scientific Purposes