

Möglichkeiten für einen schnelleren Übergang zur tierfreien Forschung

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An outlook on animal-free research by outlining a desired situation

An animal-free research method that does not decrease the research quality?

How?

Join forces within your research domain and draw up a target situation.

Apart from uniting parties, a target situation:

... connects parties;

sets the course for an animal-free research strategy;

guarantees the quality of research;

generates enthusiasm, is ambitious, and

... requires confidence and decisiveness in the power of innovation.

We have to do it together!

Step-by-step plan

Define the challenges
Which urgent biomedical issues could benefit from an out-of-the-box approach? Which animal-free innovations can be used or should you develop? What challenges do you face?

Make a list of animal-free innovations and their developers
Find interesting animal-free innovations that may replace animal studies now or at a later stage. Look for interesting animal-free innovations that are currently being developed. Use a multisectoral approach to investigate this on a national and international level. Use the network of Transition Programme for Innovation without the use of animals.
www.transitionprogrammeinnovation.nl/english

Make a timeline
Give a realistic, measurable description of your ambitious goals. Describe the results to be achieved in terms of animal-free innovation, reduction of animal use and the 3 Rs: Replacement, Reduction and Refinement. Make your targets measurable and formulate them smartly. For example: in-between five to ten years. The transition target should generate enthusiasm among researchers.

Make an overview of the force field
Map out the spheres of influence of the key stakeholders concerning developments in the research domain. What are the opportunities for this domain? What bottlenecks can you expect? Who are the front-runners? Who can increase opportunities?

Analyse the viability of animal-free innovation
Which expected research questions can we answer with animal-free innovations? Which questions cannot yet be answered with animal-free innovations? What is the current situation of xR research and its applications?

Think of an innovation strategy
How do you plan to speed up developments and their implementations to meet the transition target? What will be the roles of the various parties in the research domain? What do you need to get these parties involved? How do you keep these parties committed? What else is required to speed up animal-free innovations? How do you incorporate the ambition to work animal-free in your education programmes? Which investments do you need?

Prepare to communicate the desired situation clearly and prepare for project launch!
Follow this checklist:

- ✓ Set **clear transition goals** based on the challenges of the domain
- ✓ Gain **insight into the chances** that animal-free research may succeed for each research question
- ✓ Make an **overview of possibilities** of animal-free innovation inside and outside the domain
- ✓ Make an **overview of possibilities** of animal-free innovations in education programmes
- ✓ Set a **time frame** with manageable deadlines
- ✓ Remember: **desired situations** indicate a preferred outcome. **Innovation networks** of the "Transition Programme for Innovation" show you the way to a desired outcome: animal-free research

Advice and support

Drawing up a target situation is recommended by both the Netherlands National Committee for the protection of animals used for scientific purposes (NCad) and the Transition Programme for Innovation without the use of animals (TPI) network organisation. You are not on your own. NCad and TPI are happy to advise you on how to proceed.

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Zielbilder zur tierversuchsfreien Forschung beschreiben klare Übergangsziele für jeden Forschungsbereich und zielen darauf ab, die Verwendung von Versuchstieren bei gleicher oder besserer Forschungsqualität zu reduzieren. Dies erfordert eine andere Art des Denkens und Arbeitens und den Verzicht auf Tierversuche als „goldenen Standard“. Durch die Schaffung und Verwirklichung eines ehrgeizigen Ziels nimmt jeder Forschungsbereich seine Verantwortung wahr, den Übergang zur tierversuchsfreien Forschung zu beschleunigen. Der Ansatz mit Zielbildern ist Teil der NCad-Empfehlung „Transition to animal-free research“ (Übergang zur tierversuchsfreien Forschung) und gehört auch zu den Zielsetzungen von „Transition Programme for Innovation without the use of animals“, dem Übergangsprogramm für Innovation ohne Verwendung von Tieren. Wie funktionieren die Zielbilder?