THE 2015 LUSH PRIZE

SUPPORTING ANIMAL-FREE TESTING

Rewarding innovative animal-free science around the world

Rebecca Ram, Lush Prize, UK

The Lush Prize, now in its fourth exciting year, rewards pioneering research projects to replace animal use in toxicity testing.

Each year, the prize welcomes international nominations from research teams, organisations or individuals including early career-scientists (up to 35 years old) to submit nominations for the Science or Young Researcher prize categories.

The annual prize fund of €350,000 is divided between these and a further three categories as follows:

Science : For individuals, research teams or institutions for work conducted on relevant toxicity pathways. Outstanding research producing an effective non-animal safety test based on an approach other than toxicity pathways, where none existed before, may also be considered.

Young Researcher : This category welcomes nominations from young scientists with a focus on the next stage of a career in animal-free toxicology.

Training : For individuals, teams or organisations involved in training others in non-animal methods, such as workshops or ongoing educational programmes. Many established researchers may not have been trained in alternative methods or be aware of them, while future scientists and students need to be provided with education in alternatives in order to be able to pursue further research in this area.

Lobbying : The Lobbying prize rewards the work of exceptional individuals or organisations pushing for change, focusing on policy interventions promoting the use of alternatives.

Public Awareness : This prize rewards excellence and innovation by organisations working in this field . Support is essential for public awareness activities to ensure that the scientific and ethical imperatives to replace animal testing remain high on the political agenda.

There is a sixth category – the **Black Box** prize – which may offer, in any one year, the full €350,000 Lush Prize fund for a key breakthrough in human toxicity pathways research.

The aim of the Black Box Prize is to stimulate a worldwide research and training focus on such pathways, with the accompanying development of human biology-based assays and of the computational tools (e.g. systems biology approaches, physiologically-based pharmacokinetic models and in *vitro-in vivo* extrapolation techniques) needed to replace the use of animals in toxicology.



"Lush Prize is proof that we can work for a better science. It encourages young researchers in the replacement of animal experimentation."

Rober Bachinksi, 2014 Young Researcher Prize winner





To date, the prize has awarded 37 scientists and organisations in 19 countries and this year will see a total of €1,200,000 awarded so far. As a team, we also carry out unique research, relevant to each prize category. The prizes are 1R (not 3Rs) – working to replace animal use.



"We are very proud and thankful to win the Lush Prize. Our lab is working on the concept of Tox-21, combining cell culture work as an alternative to animals with big data analysis."

Prof Roland Grafström, Karolinska Institute Stockhom, Science Prize winners 2014

For more information scan the QR Code or see: www.lushprize.org/poster

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