

THE LUSH PRIZE



SUPPORTING ANIMAL-FREE TESTING

www.lushprize.org

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TOXICOLOGY OUT OF THE BOX

The Lush Prize is pleased to attend and present at EUROTOX 2018. This year's theme of 'Toxicology out of the Box' aligns with the ongoing mission of the Prize, which since its launch in 2012 has awarded over 2 million EUR in bursaries for outstanding research, development and promotion of innovative approaches in human- focused safety testing and research.

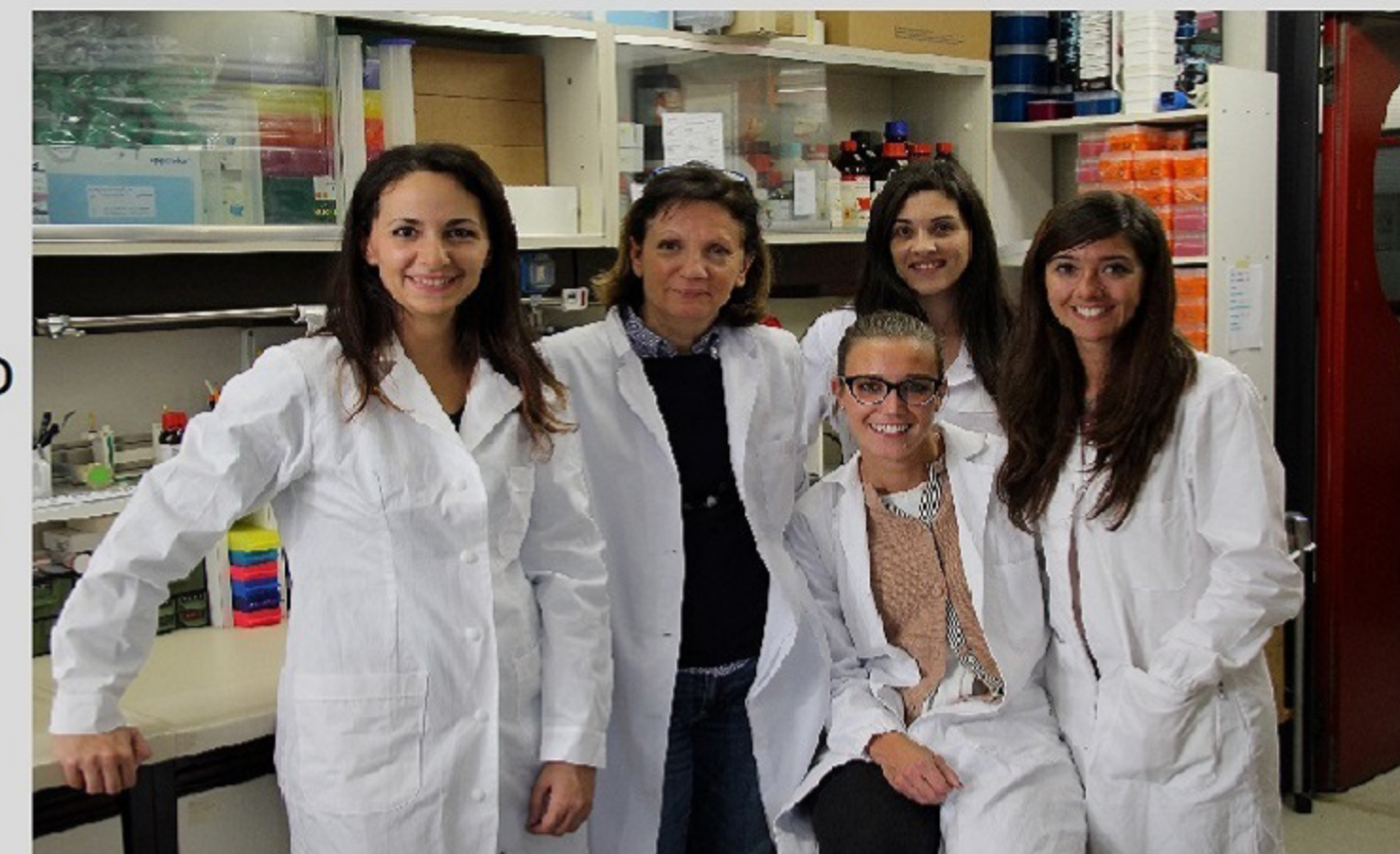
Current regulatory requirements for chemical safety testing in the pharmaceutical, industrial and consumer product industries are resource-intensive in terms of money, time and animal use. The results are also of great concern with regard to their ability to predict human safety and disease, resulting in both scientific and ethical challenges. However, exciting advances in *in vitro*, *in chemico* and *in silico* technologies have achieved considerable success to date and provide irrefutable evidence for a future based on high calibre, human-relevant research.



Every year, Lush Prize funding of up to 400,000 EUR is available across five categories; Science, Young Researchers, Training, Lobbying, and Public Awareness. There is also a special sixth category- the Black Box Prize, which may award in any one year a further prize of 285,000 EUR, for a breakthrough achievement in human-relevant research. The first Black Box Prize was awarded in 2015 to several organisations for their work on human *in vitro* methods linked to the Adverse Outcome Pathway (AOP) for skin sensitisation, now approved by the OECD.



The prize continues to fund innovative new research across Europe, Asia, USA and the rest of the world. It was established to address an urgently needed shift towards more 'fit for purpose' human-focused approaches, in order to meet the increasing demands of high throughput, chemical safety assessment and an urgent need to improve biomedical research overall.



Just a few examples of research areas funded to date include Multi Organ Chips, Adverse Outcome Pathways and 3D bioprinting platforms, as well as work to replace animal derived test components such as Foetal Bovine Serum (FBS) to make advanced testing methods truly human-relevant

The Lush Prize has funded 90 winning researchers and organisations to date . This year's prize will see even more winners awarded in November 2018. EUROTOX delegates are invited to find out how their research could be eligible for prize nomination in 2019 and beyond, by visiting www.lushprize.org

