



# Time to Hear the Scientific Evidence

## MPs are taking action!

- MPs are now signing a Parliamentary Motion challenging animal-based research scientists to debate with up-to-date human-based research experts, in a medical hearing that will be overseen by independent judges from the relevant fields of scientific expertise.
- The debate conditions for this science hearing have been endorsed as “well set out and fair” by Britain’s foremost human rights defence barrister Michael Mansfield QC.
- We all know that animal experiments ignore the lives and feelings of millions of sentient animals, causing them unimaginable sorrow, severe pain and ultimately a premature death.
- The scientific hearing called for by MPs will provide evidence which proves that the funding of such animal experiments must stop - also in the vital interests of finding effective treatments and cures for human patients.

## You Can Help!

**PLEASE TAKE ACTION!** Ask your MP to sign the Parliamentary Early Day Motion and support its growing call for a fair public scientific debate hearing. Simply visit this link to send your MP a letter today:  
[www.forlifeonearth.org](http://www.forlifeonearth.org)

### References

1. *BMJ* 2014; 348: g 3719 - citing Pound and Bracken *BMJ* 2014; 348: g 3387.
2. Parke DV: ‘Clinical Pharmacokinetics in Drug Safety Evaluation’, *ATLA* 1994, 22:207-209.
3. Gura T: ‘Cancer Models: Systems for identifying new drugs are often faulty’, *Science* 1997, 278 (5340): 1041-1042. 10.1126/science.278.5340.1041.
4. Shanks N, Greek R: *Animal Models in Light of Evolution* Boca Raton: Brown Walker Press; 2009.
5. Shanks N, Greek R, Greek J: ‘Are Animal Models Predictive for Humans?’ *Philos Ethics Humanit Med* 2009, 4:2.
6. Heywood R: ‘Clinical Toxicity – Could it have been predicted? Post-marketing experience’, 57–67, *Animal Toxicity Studies: Their Relevance for Man*, editors Lumley CE, Walker S Lancaster, Quay, 1990.

For Life on Earth, the science-based campaign  
[www.forlifeonearth.org](http://www.forlifeonearth.org)

# IMAGINE THIS CHILD IS YOURS



Would you take her to  
the local **animal hospital**  
or **veterinary clinic** for  
her cancer treatment?

Or would you want the  
**best trained human**  
**medical specialists**  
to try and save her life?

Image courtesy of  
Patients Campaigning For Cures

In today’s world of advanced human medicine,  
**using animal-based research is like asking**  
**a vet to treat your child!**

No wonder MPs are leading the call for a **top science hearing** - to challenge the now recognised failure of animal experiments for humans, and **help speed up the arrival of effective treatments and cures.**

## What Doctors and Scientific Experts Say

**THE KEY POINT:** expert scientists, outside those who make money from animal-based research, agree that animal experiments hold *no predictive value for human patients* - and are actually now proven to delay the arrival of effective treatments and cures:

BMJ

Dr Fiona Godlee, Editor in Chief of the *British Medical Journal*, reported the failure of animal testing for human patients in her Editor's Choice, June 2014, which concluded from the paper it cited:



**'If research conducted on animals continues to be *unable to reasonably predict what can be expected in humans*, the public's continuing endorsement and funding of preclinical animal research seems misplaced.'** (Emphasis added) [1]

Sir Alexander Fleming, who discovered penicillin: **'How fortunate we didn't have these animal tests in the 1940s, for penicillin would probably never have been granted a license and the whole field of antibiotics might never have been realised.'** [2]



**Award winning cancer expert Dr Azra Raza**, director of the Myelodysplastic Syndrome (MDS) Centre at Columbia University:

“ ***We have to stop studying mice because it is essentially pointless and we have to start studying freshly obtained human cells. Our system for developing drugs for cancer is essentially broke. We CAN and SHOULD do better.*** ”

**The National Cancer Institute** has said they believe we have lost cures for cancer because studies in rodents have been believed. [3]

**Pharmaceutical companies** acknowledge the failure of animal testing in their drug development process and write about this openly and often in the scientific literature, demonstrating that 9 out of 10 new medicines fail the first stage of human/clinical trials because of initial animal tests. [4-6]

## Money Matters: Human *not* Animal-Based

The vast majority of funding for medical research still goes towards animal-based experiments. According to leading experts - some of whom are quoted here - this means we are losing cures for cancer because studies in rodents have been believed; and miracle cures like penicillin will be lost for the same reasons outlined by Alexander Fleming.

**Why is animal-based research allowed to continue when so many medical experts now recognise its lack of scientific basis?**

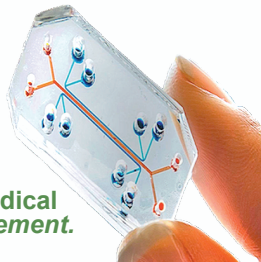
1847

First institutionalised in 1847 by French doctor Claude Bernard (who went on to reject the Theory of Evolution), animal-based research has been allowed to develop into a vast financial enterprise that benefits not only companies, but also many hundreds of universities employing thousands of researchers. The profits in this sector are now proven to be entirely out of step with current medical knowledge. Up-to-date science is able to explain exactly why the application of veterinary principles to human patients - via animal experiments - is dangerous, causing harm and fatalities to the very patients it claims to be helping.



**What is effective human-based medical research?**

Up-to-date medical research includes sophisticated fields like gene-based personalised medicine, where treatments are developed for your *unique genetic profile*. This incredible technology now understands that even human identical twins can suffer differently from illnesses, requiring treatments that are unique to their specific genetic makeup. Valuable medical funding needs to be redirected away from the failure of animal models to the proven success of such human-based research.



***For Life On Earth presents evidence illustrated by the leading medical Board in its field, Americans and Europeans For Medical Advancement.***



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