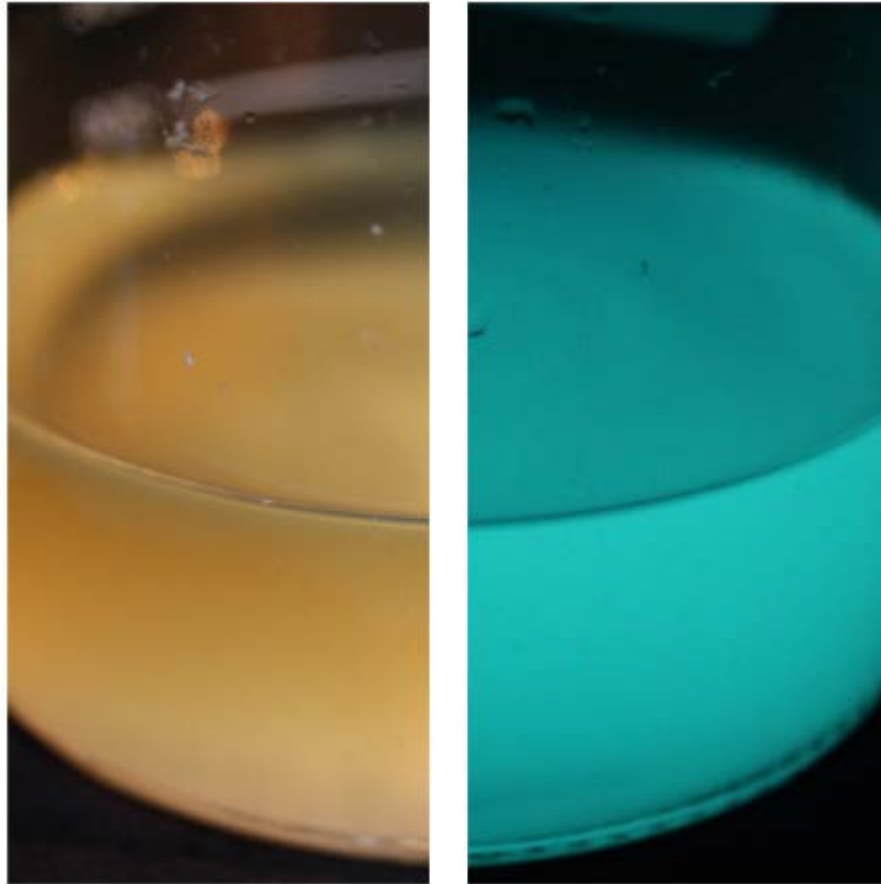
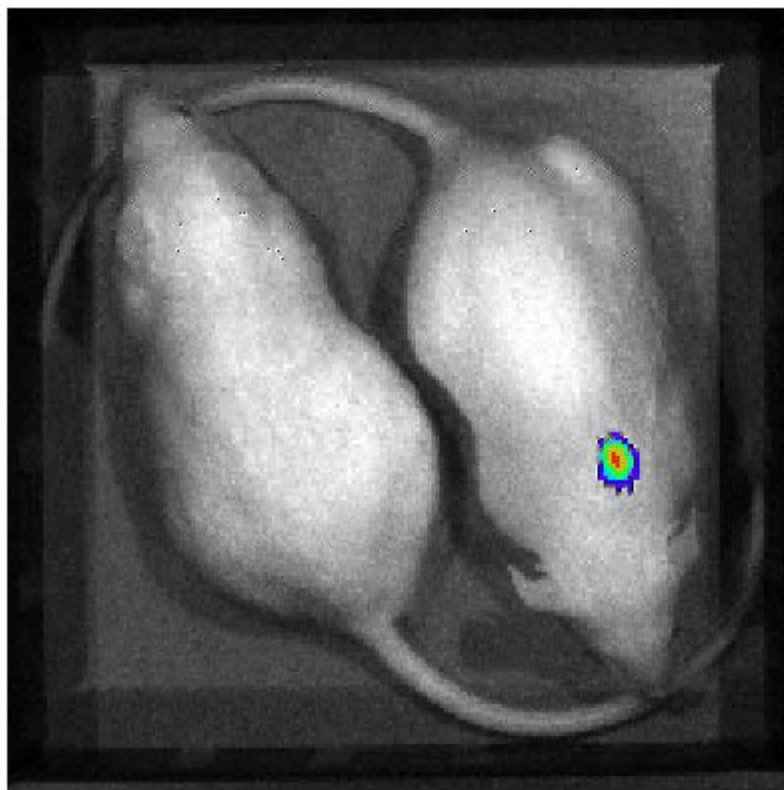


Effective engagement: what makes infectious diseases different?

Dr Siouxsie Wiles
University of Auckland

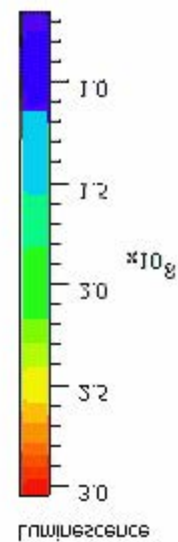
 @SiouxsieW



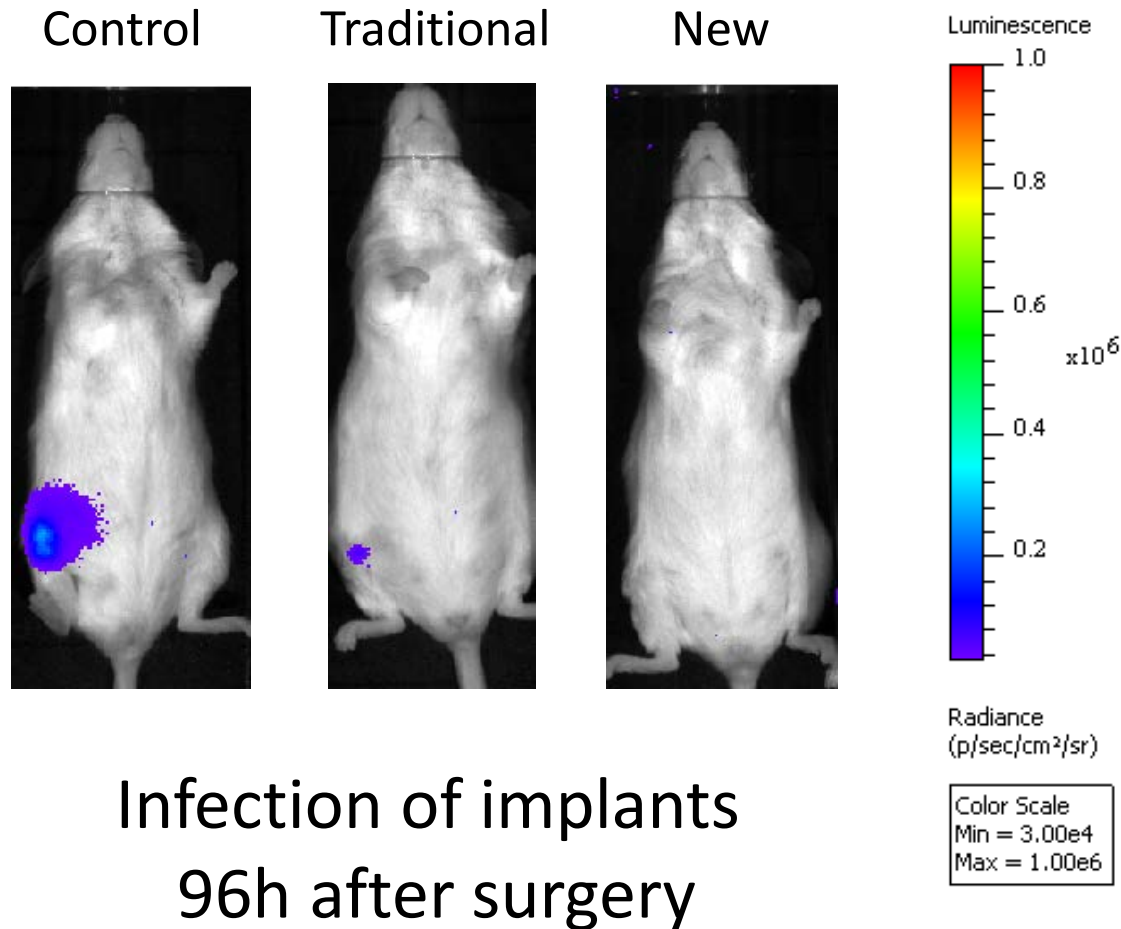


$\lambda_{\text{max}} = 3.0498$
 $\lambda_{\text{min}} = 2.4281$
 Color 2000

$(b^*_{\text{blue}}, a^*_{\text{red}})$
 Residuals



Making knee surgery safer



Young et al (2015). Clinical Orthopaedics and Related Research.
473(11):3573-84. doi: 10.1007/s11999-015-4464-x.

Award for being nice to mice

By Mark Henderson

Published at 12:00AM, January 25 2006

A new approach to using mice in research has won a £10,000 prize for improving the welfare of laboratory animals.

The inaugural Replacement, Refinement and Reduction Prize, also known as the Three Rs Prize, is sponsored by GlaxoSmithKline and will be awarded today to Siouxsie Wiles, of Imperial College, London. Lord Sainsbury of Turville, the Science Minister, will make the presentation. Dr Wiles has been honoured for a mouse study into the effects of E. coli bacteria. By allowing the experimental mice to infect

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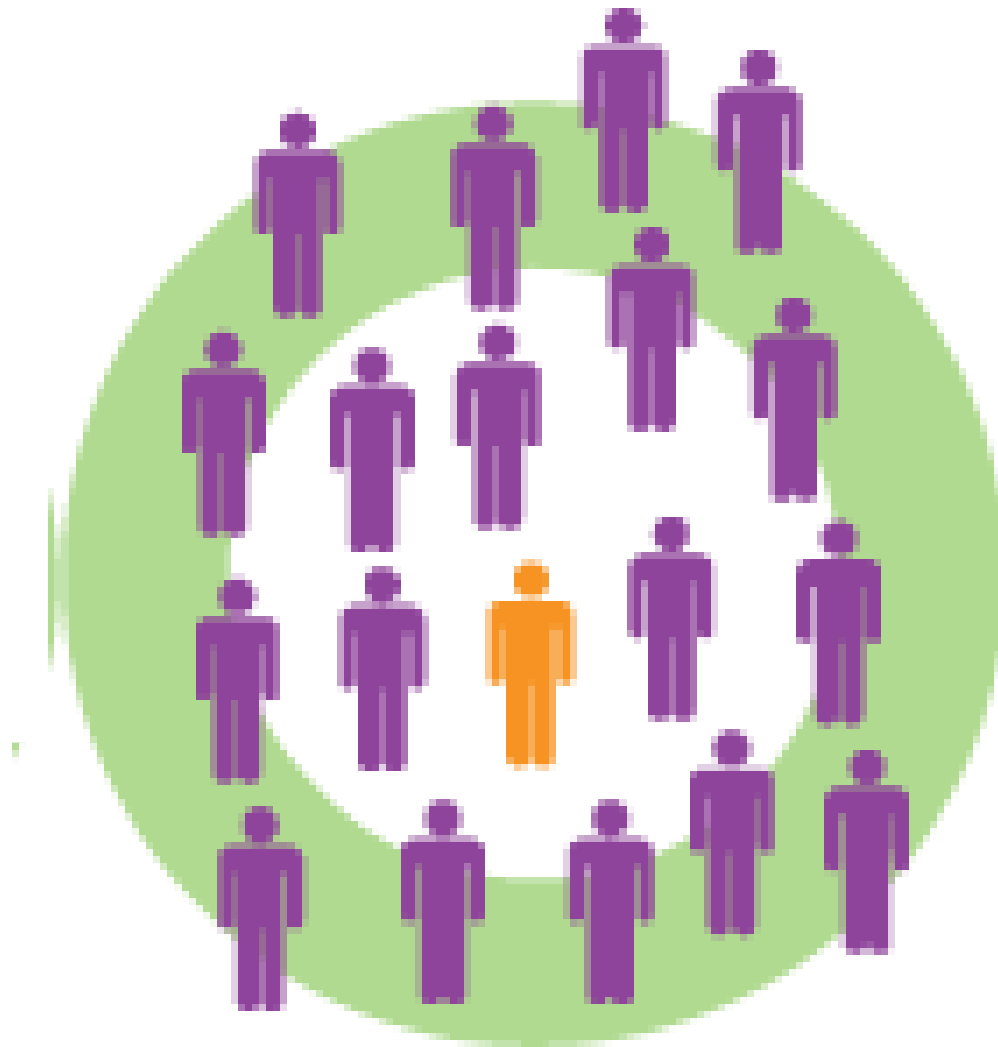


Image adapted from:
http://www.healthline.com/hlcmsresource/images/Diagram_Ro_Final_Deliverable-fullsize.png



Cancer Society

Te Kāhui Matepukupuku
o Aotearoa



NEUROLOGICAL
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Image credit: <https://myscribbledsecretnotebooks.files.wordpress.com/2013/11/deep-hole-jpg.jpg>

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GMO mosquitoes could be cause of Zika outbreak, critics say

Published time: 30 Jan, 2016 17:12

Edited time: 9 Feb, 2016 03:54

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SANDIE FINNIE



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Dairy

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A veterinarian and farm consultant doubts the recent Fonterra botulism scare was caused by a dirty pipe, and says he is sitting on material that will embarrass the dairy giant further.

Matamata veterinarian and farm performance consultant Frank Rowson says Fonterra should be tracing the source of the *Clostridium botulinum* bacterium back to farms or their own water supply.

He doubts *Clostridium botulinum* was caused by an old pipe at Fonterra's Hautapu plant and said it had to get in there in the first place.

Rowson planned to discuss the threat of glyphosate contamination links in the food chain at a meeting in a few weeks time, which included Fonterra's Risk Manager Lindsay Burton and the president of GE Free NZ, Claire Bleakly.



Natural News.com

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Forensic evidence emerges that European e.coli superbug was bioengineered to produce human fatalities



Monday, June 06, 2011

by Mike Adams, the Health Ranger

Editor of NaturalNews.com ([See all articles...](#))

IS YOUR DOG AS HEALTHY AS YOU?

Strauss my Giant Schnauzer has suffered for the past seven years from constant infections, inflamed skin and all kinds of immunity issues after being diagnosed as hypothyroid.



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Sandra Clair

Sandra is a medical herbalist, medical anthropologist, and columnist for the NZ Herald.

✉ Send an email

Sandra Clair is the founder of Artemis (artemis.co.nz) offering New Zealanders a premium range of traditional plant medicine products. She is one of New Zealand's most highly qualified health professionals in her field, as a Swiss trained medical herbalist and a medical anthropologist (M.A.). Sandra is currently completing a PhD in health science at the University of Canterbury in collaboration with the Chair for Natural Medicine of the University of Zürich, Switzerland.

Image credits:

<http://ponsonbynews.co.nz>

<https://nzherald.co.nz>



Measles outbreak hits Auckland

5:06 PM Thursday Apr 16, 2015

Health

Royal NZ College of General Practitioners



HEALTH

March 15, 2016 3:45 pm

Updated: March 15, 2016 6:51 pm

Should parents be forced to give kids conventional medicine? Alberta case raises ethical questions



By Carmen Chai

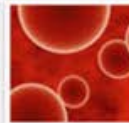
Health Reporter Global News



Image credit: <http://digitalgrowth.ca/wp-content/uploads/2015/07/81.jpg>

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Image credit: <http://nocamels.com/2013/12/tel-aviv-university-we-are-living-in-the-most-peaceful-time-in-human-history/>

Our Changing World

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Hairy elephants and transgenic aphids



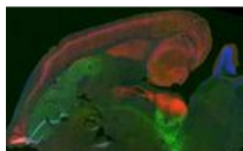
9:45 PM University of Otago geneticists Peter Dearden and Neil Gemmell continue their discussion of the gene editing tool CRISPR and its use in genomics, conservation and de-extinction.

 [Listen](#) (18' 05")

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Using light and electricity to study individual brain cells



9:34 PM Optogenetics uses light to target individual cells, and Peter Freestone is using it to better understand Parkinson's disease and the role of endocannabinoids in how brain cells communicate.

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Presenter:
[Alison Ballance](#)



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[Veronika Meduna](#)



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Issues: perceptions of some peers & line managers

“What the hell do you know about....”

“There is no need to stoke public interest in this.....”

“You have been very unproductive....”

“Not one of the important medals”

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www.superbugslab.org

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