

From Radiation to Genome Editing; the journey of mouse models of genetic disease

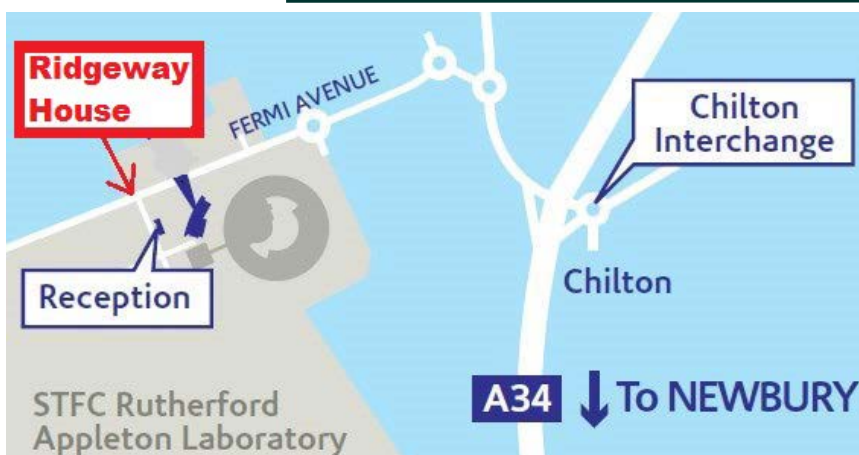
Presented by: **Dr Sara Wells**
(Director, Medical Research Council)

Evening Lecture: Wednesday 28th March 2018

Doors open from 17:30 for 18:00 start. Refreshments and light buffet provided.
Ridgeway House, Rutherford Appleton Laboratory, Harwell Campus, Didcot, OX11 0QX
(Opposite to Rutherford Appleton Laboratory)

Lecture Synopsis:

Mice have been used in genetic research for over a hundred years. Early researchers relied on spontaneously occurring variants to map new genes. The frequency of occurrence of natural mutations is very low therefore geneticists have developed ever more efficient and precise ways of changing the mouse genome in order to investigate gene function. This lecture will follow the story of mouse mutagenesis from radiation and chemical mutagenesis to the new genome editing techniques and the exciting opportunities they offer genetic science.



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