



Reading School Biology Department



University of
Reading

Pharmacology Inspire Lecture



Neurodegenerative Disease

Presented by

Dr Mark Dallas

Mark Dallas is an electrophysiologist in the pharmacology division and specialises in non-neuronal cells in the brain and neurodegenerative diseases

**Thursday 13th December 2018
at 15:30 the Lecture Theatre**

Year 9-13 Pupils Only

Neurodegenerative diseases include a number of disorders that have different symptoms and effects, all of which act through the mechanism of compromising the brain's capacity to control itself or the body by damaging cells known as neurons that facilitate normal brain function. Various cellular proteins are involved in regulating normal physiological function including ion channels and neurotransmitter transporters. These complex proteins are expressed in various cell types within the central nervous system and are influenced by a host of endogenous and exogenous signalling molecules. Active research into these proteins is important as they underlie a host of pathological conditions, including neurodegenerative diseases.

For further information contact Mrs J Chhokar or Miss P Hutchinson.

Click here [Online Form](#) to confirm attendance.

Arranged by Mrs F Howson (Head of Biology)

Enthral

Inspire

Educate

Challenge

Debate

Engage

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