



RESEARCH SEMINAR

Neuronal Adaptations In Insect Ears

Dr Manuela Nowotny

GOETHE UNIVERSITY

Convergent evolution led to surprising functional and mechanistic similarities between the vertebrate cochlea and the ears of some insects, such as tropical bush crickets. An auditory fovea with an expanded representation of specific frequencies along the inner ear can be found in different animals. We explore that only in bush crickets this rare frequency overrepresentation is sex-specific used for enhanced conspecific communication.

Find out more:

gpu1@le.ac.uk

1–2pm

Thursday 4 October

**George Davies Centre,
Lecture Theatre 2**

*This free seminar is open
to students and staff
Refreshments available.*