Now in its 16th year, the Biology in the Real World lecture series takes a broad look at some of the latest research into biological issues and phenomena developing around the world today.

Brought to you by the NUCLEUS* group, sessions are chaired by Dr Richard Spencer FRSB, Royal Society of Biology School Biology Teacher of the Year 2018.

10:15 - 11:00
FSC Identikit: responsive knowledge-driven biological identification
Dr Rich Burkmar, Field Studies Council
Lecture sponsored by: Field Studies Council

11:00 - 11:45
Rethinking conservation: enhancing life for people and nature
Dr Lesley Batty, University of Birmingham
Lecture sponsored by: British Ecological Society and the Linnean Society

12:00 - 12:45
Aping the Apes
Dr Julia Myatt and Dr Susannah Thorpe, University of Birmingham
Lecture sponsored by: Association for the Study of Animal Behaviour

14:15 - 15:00
Optogenetics: shining a light on life
Dr Kathryn Garner, University of Bristol
Lecture sponsored by: Biochemical Society, The Physiological Society, the Association of the British Pharmaceutical Industry, the Society for Endocrinology, British Pharmacological Society and Wellcome

15:00 - 15:45
Under pressure! Why plants can’t survive without osmosis
Professor Jeremy Pritchard, University of Birmingham
Lecture sponsored by: Science and Plants for Schools

*NUCLEUS is a group of bioscience learned societies and similar not-for-profit organisations.