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2022

## Biology in Action

For A-level and IB students

Biology in Action returns and will be both in person and live-streamed online this March! Five interactive and engaging sessions delivered by renowned scientists and communicators will inspire and motivate your students. A special session with hints and tips for revision and examination success will provide students with the tools to succeed. This is an unmissable and tremendously popular day, and we look forward to welcoming you and your students this spring.

"I don't remember a better student conference - we thought every speaker was excellent - just the right level, all animated, engaging and well prepared."

- Ageless: the new science of getting older without getting old
- Life Changing
- Exploring the Wonders of the Deep
- Can You Smell What I Smell? How the Nose Knows
- Everest Lab



Emmanuel Centre, London,  
London,  
SW1P 3DW  
or online



**Online: £12+VAT \***  
**Venue: £24 +VAT \***

Plus one COMPLIMENTARY staff ticket per 10 students.

\*VAT may be reclaimable please check with your finance department

ttp is the leading provider of inspirational, informative, Education in Action study days for A-level, IB, BTEC and GCSE students.

Award-winning, world-class speakers

Cutting-edge content

Thought-provoking demos and presentations

Examination hints, tips and guidance

Modestly priced to offer access to all

Complimentary staff ticket for every 10 students booked

**Bookings can be amended up to 28 days before the event day**

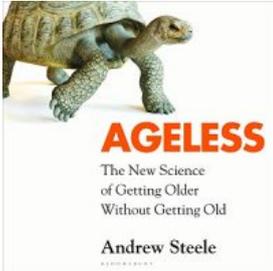


Education  
in ACTION

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# Biology in ACTION

## Ageless: the new science of getting older without getting old / Andrew Steele Scientist, author and presenter



From removing aged 'senescent' cells, to drugs, diets and gene therapy, breakthroughs in the lab show that we can slow down or even reverse the ageing process. So could we one day cure ageing? And would we want to?

Andrew is a scientist, presenter, and author of *Ageless: The new science of getting older without getting old*. He has a PhD in physics, worked as a computational biologist, and talks about science on TV, radio and YouTube.



## Can You Smell What I Smell? How the Nose Knows / Darren Logan Head of Research, Waltham Petcare Science Institute

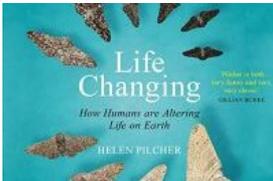


Smell is the oldest, most complex, yet the least understood of our five senses. Darren Logan will take us on a whirlwind tour of what happens in our brain when we take sniff of our favourite smell, how our ability to detect certain odours are encoded in our genes, and how smell loss may be one of the best predictors of disease.

Darren is a geneticist who leads the research programme for the Waltham Petcare Science Institute.



## Life Changing / Helen Pilcher Author and science communicator



Ever since our species first evolved, we have been tinkering with nature and altering the course of evolution. Now we share our planet with genetically modified wolves, pizzly bears and cloned polo ponies. Join Helen as she explores the legacy created by this evolutionary mischief-making and explores how humans are changing life on Earth.

Dr Helen Pilcher is a tea-drinking, biscuit-nibbling science and comedy writer and author of 'Bring Back the King: the Science of De-extinction'.

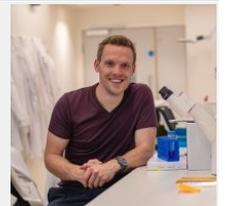


## Everest Lab / Greg Foot Science presenter and communicator



What happens to your body when you push it somewhere it's not built to go - to the top of the world? With interactive experiments & stunning videos from his trek, join TV Science Presenter Greg Foot to find out.

Greg Foot is a Science Journalist on BBC Radio 4 ('The Best Thing Since Sliced Bread?'), a successful Podcaster ('Surprisingly Brilliant') & YouTuber ('BBC Earth', 'Let's Go Live' etc) & live show presenter around the world.



## Exploring the Wonders of the Deep / Helen Scales Marine biologist, writer and broadcaster



Discover the wonders of the deep and glimpse the life of a marine biologist as Helen explains why there has never been a more important time for us to protect the blue parts of our planet.

Helen is a marine biologist, writer and broadcaster whose work combines a diver's devotion to exploring the oceans, a conservationist's angst about the planet, and a storyteller's obsession with words.



## The Training Partnership

Gilmoora House | 57-61 Mortimer Street | London W1W 8HS  
020 3008 6441 | [office@thetrainingpartnership.org.uk](mailto:office@thetrainingpartnership.org.uk)  
[www.thetrainingpartnership.org.uk](http://www.thetrainingpartnership.org.uk)