

# Biology in ACTION

DEC  
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2024

## Biology in Action

For A-level, IB, BTEC Level 3 and T Level biology students

Join us for an exciting day of informative discussions, interactive sessions and inspirational stories at Biology in Action this autumn. From advancements in genetics to environmental challenges, our experienced speakers will shine a light on cutting-edge research and current issues from the world of biology.

The day will also include a special session on examination success designed to provide students with the tools that they need to excel. With polls and quizzes throughout the day and plenty of opportunities to ask the scientists questions, this is an unmissable day, and we look forward to welcoming you and your students. Book now for Biology in Action!

Host: Greg Foot (Science Journalist, Presenter and Podcaster)

More speakers for this exciting event will be announced soon!

- [Everest Lab](#)
- [Astrobiology - The Hunt for Alien Life](#)
- [Epigenetics - why DNA is not your destiny](#)



Emmanuel Centre, London,  
London,  
SW1P 3DW



**Venue: £25.50 +VAT \***

Plus one COMPLIMENTARY staff ticket per 10 students.

\*VAT may be reclaimable. Please check with your finance department

Education in Action 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**

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## 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? Join Greg Foot on a scientific adventure to the world's highest pop-up lab at Everest Base Camp. With stunning videos from his trek, Greg will uncover how a group of scientists and medics braved the thin freezing air to perform cutting edge research.

Greg is a Science Journalist who has been writing, hosting & producing science content for 15+ years across TV, Radio, YouTube, Podcast, & Stage. He currently writes & hosts his popular BBC 4 show and podcast Sliced Bread and is a regular on BBC Morning live.



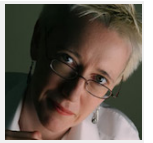
## Epigenetics - why DNA is not your destiny /

Nessa Carey - Entrepreneur-in-residence, University of Oxford



DNA is the basic script for who you are, but it doesn't define you. Epigenetics explains how the environment and your genes communicate with each other, setting up patterns of gene expression that can mean the difference between a healthy old age or an early death from cancer, between mental well-being or drug addiction and much more.

Nessa Carey is an Entrepreneur-in-Residence at The University of Oxford, a Visiting Professor at Imperial College and author of 3 popular science books; The Epigenetics Revolution, Junk DNA: A Journey Through The Dark Matter Of The Genome and Hacking The Code of Life.



## Astrobiology - The Hunt for Alien Life /

Lewis Dartnell - University of Westminster



'Astrobiology' is the scientific search for life beyond our planet. Tour the planets and moons in our solar system which may offer the best hope, and further afield to alien worlds we've discovered around distant stars. Are we alone in the cosmos?

Lewis is an astrobiologist studying how microbial life might persist on the surface of Mars. He appears regularly on the BBC, National Geographic and Discovery channels.



## Education in Action

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