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## Biology in Action

For A-level and IB students

Biology in Action returns to London in spectacular style in spring 2020! 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. These are unmissable and tremendously popular programmes.

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

- Hacking the code of life
- Do you smell what I smell? The genetics of our chemical senses
- Appreciating our mammalian-ness
- Your microbiome and you



Emmanuel Centre, London  
9 – 23 Marsham Street  
London, SW1P 3DW



£23 + 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**

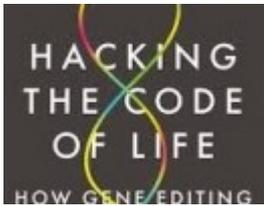


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# Biology in ACTION

## Hacking the code of life / [Nessa Carey](#)



For the 1st time in human history, gene editing has given scientists the ability to change easily and forever the DNA of any organism. How can we control this new

Nessa Carey works for a major pharmaceutical company, is a Visiting Professor at Imperial College and author of the popular science book "The Epigenetics Revolution".



## Do you smell what I smell? The genetics of our chemical senses / [Darren Logan](#)



Join Darren on a whirlwind tour of our senses of smell and taste. He will explain how the genes that underpin the chemical senses provide a personalised perception of the world, how they keep us alive and predict our demise.

Darren is a geneticist who leads a research programme for Mars Petcare and is a visiting scientist at the Wellcome Trust Sanger Institute.



## Appreciating our mammalian-ness / [Liam Drew](#)

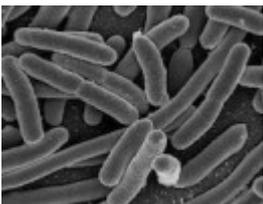


Our species is utterly unique. But we're also very much like every other mammal on this planet. Liam will describe the evolution of the things that made mammals mammals and show how these traits help make us human.

Liam Drew is a neurobiologist turned science author and features journalist. He writes stories about biomedical research and evolutionary biology. *I, Mammal: The Story of What Makes Us Mammals* (Bloomsbury)



## Your microbiome and you / [Sheena Cruickshank](#)



Join Sheena to discover the microbiome, 38 trillion bacteria and other organisms co-habiting our body, and discover if we can change our microbiome (with sometimes extreme measures) to help fight

Sheena Cruickshank is an immunologist and Professor in Biomedical Sciences and Public Engagement at the University of Manchester. She researches how immune responses of the gut are started as a



## The Training Partnership

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