

NOV
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2019

Chemistry in Action

For A level and IB students

Join us for an incredible day of chemistry, taking students from their studies to cutting-edge research and future applications in great style! Five sessions from leading chemists in academia and industry will inspire the scientists of the future. A special session on examination success will ensure students are equipped with the tools to excel. Join us for a day of scientific discovery!

- From Breaking Bad to making good – the chemistry of drugs
- A is for Arsenic
- Do you smell almonds?
- Making the invisible visible
- How Chemistry can Save You after an Apocalypse...!



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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in ACTION

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From Breaking Bad to making good – the chemistry of drugs / [David K Smith](#)



Walter White (Breaking Bad) used his knowledge as a chemistry teacher to synthesise illegal drugs. We will explore how 'bad' drugs (such as crystal meth) and good drugs (such as

Dave Smith is Professor of Chemistry at University of York, where he carries out fundamental research in the field of smart nanomaterials and nanomedicines.



Making the invisible visible / [Rachel Bolton-King](#)



Someone has been shot, but witnesses are too scared to come forward. Help Rachel use cutting-edge techniques to reveal hidden evidence and establish the truth.

Rachel specialises in the investigation of shooting incidents, working with forensic scientists and legal professionals across the world.



A is for Arsenic / [Kathryn Harkup](#)

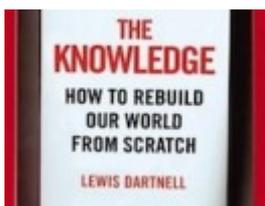


Many compounds we now consider to be poisons were once found on pharmacy shelves. Kathryn will examine the chemistry behind four former medicines and their effects on the body with some

Kathryn is a chemist and science communicator specialising in delivering talks and workshops on the quirky side of science.



How Chemistry can Save You after an Apocalypse...! / [Lewis Dartnell](#)



Imagine you wake up tomorrow and the world as we know it has collapsed... How could you use your knowledge to survive in the post-apocalyptic wasteland? What simple chemistry would be most crucial for helping you reboot civilisation from scratch?

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.



Do you smell almonds? / [Jamie Gallagher](#)



The hottest chillies, coolest mints and sweetest drinks – chemistry lets us understand our favourite flavours. Discover what pushes our taste buds to the limit and how very small differences can lead to dramatically different tastes as we open the

Dr Jamie Gallagher is a scientist and science communicator. He was recognised as one of the UK's "100 Leading Practising Scientists" by the Science Council.



The Training Partnership

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