

NOV  
20  
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!

- A is for Arsenic
- TBA
- Do you smell almonds?
- How Chemistry can Save You after an Apocalypse...!
- Personalised cancer treatment: the role of chemistry



University of Warwick  
Gibbet Hill Rd  
Coventry, CV4 7AL



£21 + 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

NOV  
20  
2019

# Chemistry in ACTION

## A is for Arsenic / Kathryn Harkup

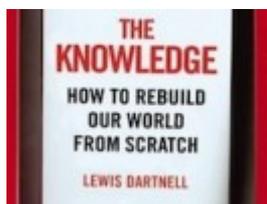


Many compounds we now consider to be poisons were once found on pharmacy shelves. Kathryn will examine the chemistry behind four former medicines and their effects on the body with some

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

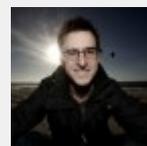


## How Chemistry can Save You after an Apocalypse...! / Lewis Dartnell



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.



## TBA / Andrea Sella

Andrea is a synthetic chemist and broadcaster who is interested in the structure and bonding in the rare earths. He has been involved in numerous radio and television projects.



## Personalised cancer treatment: the role of chemistry / Belle Taylor



The sheer breadth of chemistry means that its role in human biology is often overlooked. Belle introduces the chemistry behind cancer before moving on to how cutting-edge chemical techniques are defining how we investigate and treat tumours.

Belle is Strategic Partnerships Manager at Cambridge Cancer Genomics (CCG.ai), an AI biotech startup. Her PhD studies focused on plasma phase electrochemistry. She is an experienced science communicator and regularly



## 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

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