



BRITISH SOCIETY FOR  
**ANTIMICROBIAL  
CHEMOTHERAPY**

# ANTIBIOTIC RESISTANCE AND MECHANISMS

## **WORKSHOP FOR RESEARCHERS**

THE JURYS INN, BIRMINGHAM  
29-30 NOVEMBER 2018

## **PROGRAMME**

# Welcome to the Thirteenth Antibiotic Resistance and Mechanisms Workshop for Researchers.

This workshop will offer members of the UK community researching mechanisms of antimicrobial resistance the opportunity to meet, to consolidate and extend the expertise held within individual laboratories in the United Kingdom. It will provide a much needed forum to allow the sharing of knowledge between all grades of researchers, including PhD students and technicians.

The British Society for Antimicrobial Chemotherapy will continue to underwrite the majority of costs for this meeting. The focus of our support will be on those that have no funding to attend (their institution has no funding or there are no appropriate travel or conference grants to apply to for funding.) Therefore, we encourage everyone who can support their own attendance to pay the registration fee.

## Funded Places

We are currently inviting applications for funded places from those who are able to demonstrate that they have no other means to fund attendance. In addition we are able to offer three funded places for members of the British Mycological Society who are unable to secure alternative funds to attend. If you would like to apply for a funded place, we kindly ask that you submit a poster abstract along with your application by no later than 10am Friday 28 September 2018. Funded places will cover your registration fee to the workshop and one night at the Holiday Inn Birmingham City Centre. Travel and other expenses will not be covered. Please note that funded places are limited. All applications will be considered following the deadline and applicants will be notified of the outcome week commencing 8 October.

**Mike Bromley and Jessica Blair**

Chairs, Programme Committee

# Agenda - 29 November

1300 **LUNCH, REGISTRATION, POSTER VIEWING**

1355 **Introductory Remarks**

*Mike Bromley*

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## **SESSION ONE: Antibiotic resistance mechanisms**

1400 **Genome dynamics and drug resistance in pathogenic yeasts**

*Judith Berman, Tel Aviv University - sponsored by the British Mycological Society*

**Resistance to Amphotericin B and Miltefosine in Leishmania**

*Mike Barrett, University of Glasgow*

**How Colistin Kills**

*Andy Edwards, Imperial College London*

**Distinct pathways to resistance in biofilms**

*Mark Webber, Quadram Institute, Norwich*

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1540 **COFFEE BREAK**

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## **SESSION TWO: Combatting resistance**

1555 **Trafficking of AmBisome (liposomal amphotericin B) as intact liposome vesicles**

*Neil Gow, University of Aberdeen*

**Antibiotic strategies in critical care**

*Rob Beardmore, University of Exeter*

**Parallel rather than intermixed populations of *Enterococcus faecium* from livestock and humans**

*Kathy Raven, University of Cambridge*

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## **SESSION THREE: Early career Researchers/PhD students/Trainees**

*Chair: Dr Michelle Buckner, University of Birmingham*

1710 **Winner of BSAC Poster award 2018**

*Kirstie Rawson, Sheffield Hallam University*

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1725 **Offered papers**

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1810 **Nominations for co-chair for ARM 2019**

1815 **Poster session**

*There will be a prize for the best poster*

2000 **Dinner**

# Agenda - 30 November

0900 **Opening remarks**

*Jessica Blair*

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## **SESSION FOUR: Combatting resistance 2**

0905 **NGS based diagnostics for infectious diseases - Progress and challenges**

*Esther Robinson, PHE*

**Antifungal Stewardship at UHSM, A success story**

*Riina Richardson, UHSM*

**The Anti-infective pipeline and the current critical need**

*Peter Warn, Evotec*

**AMR Centre**

*Victoria Savage*

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1025 **COFFEE BREAK & POSTER SESSION**

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## **SESSION FIVE: Update from BSAC Grant Holders**

1125 **Methionine synthases as targets for novel antifungal drug development**

*Jorge Amich, University of Manchester*

**The Utilisation of the Health Improvement Network (THIN) to Study Antibiotic Prescriptions in Chronic Wound Care: A Feasibility Study**

*Angela Oates, University of Leeds*

**Pharmacokinetic assessment of nanoemulsion co-formulations of dolutegravir and rilpivirine**

*Jay Hobson, University of Liverpool*

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## **SESSION SIX: Outreach Activity**

1225 **The mould that changed the world. BSAC musical**

*Michael Corley, BSAC*

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1245 **Closing Remarks and Poster Prizes**

*Reminder regarding nominations for ARM 2019 Co-Chair*



# Registration form

Antibiotic Resistance and Mechanisms: Workshop for Researchers  
The Jurys Inn, Birmingham - 29-30 November 2018

Please complete ALL SECTIONS in BLOCK capitals

|                           |             |           |
|---------------------------|-------------|-----------|
| Title:                    | First name: | Surname:  |
| Job Title:                |             |           |
| Department:               |             |           |
| Institute name & address: |             | Postcode: |
| Tel:                      | Email:      |           |

## REGISTRATION FEES *(These fees are inclusive of VAT) (please tick)*

Student **£150.00**

Postdoctoral Researcher and all other posts\* **£204.00**

Principal Investigator **£275.00**

Industry/Commercial non-member **£396.00 + Accommodation Costs**

I wish to apply for a BSAC funded place and include my poster abstract   
*(deadline for funded applications is 10am Friday 28 September)*

As a member of the BMS I would like to apply for a funded place and include my poster abstract   
*(deadline for funded places is 10am Friday 28 September)*

Abstracts for poster presentation should be a maximum of one A4 page length (Arial, 12pt) and compose the title, authors, affiliations, objectives, methods, results and conclusions. The material presented should be relatively new but may have been presented at another conference in the past 12 months.

ABSTRACT  
TITLE:

Please confirm whether you require accommodation on Thursday 29 November

Please confirm whether you will be attending the dinner on Thursday 29 November

## METHOD OF PAYMENT *(please tick)*

*(Invoices will not be issued without a purchase order emailed to [dirwin@bsac.org.uk](mailto:dirwin@bsac.org.uk))*

Cheque made payable to 'BSAC' enclosed

Please send an invoice - PO number

Invoice address

Charge to credit/debit card  
*(please indicate card number, expiry date and security number)*

Mastercard  Visa  Switch

Card number

Security number

Start date  Expiry date

Cardholder's name

Cardholder's home address

I authorise the use of my credit card for this purpose

Signature  Date

## CANCELLATION POLICY

No refunds will be given for cancellations notified after Thursday 8 November 2018

## ORGANISING SECRETARIAT

Please complete and return to:  
Debbie Irwin, BSAC, 53 Regent Place,  
Birmingham, B1 3NJ

**Email:** [dirwin@bsac.org.uk](mailto:dirwin@bsac.org.uk)

From time to time we would like to email you with information about BSAC activities which we believe will be of interest to you. This will not involve your details being passed to any third party and you can unsubscribe at any time. If you would prefer **NOT** to receive this information please tick the box