

## Call for Participants

### UK-India Newton Bhabha Fund Researcher Links Workshop

#### Title:

“Scopes and challenges for the development of novel antimicrobial agents from Ayurvedic medicinal plants to combat the problem of antimicrobial resistance”

#### Partnering institutions:



School of Health, Sports and Bioscience  
University of East London  
Stratford Campus, Water Lane  
London E15 4LZ , UK

&



School of Natural Product Studies,  
Jadavpur University,  
188, Raja S.C. Mallick Road,  
Kolkata – 700032, India

**September 4 -7, 2018**

**Jadavpur University, 188 Raja SC Mallick Road, Kolkata-700032, India**

**“Scopes and challenges for the development of novel antimicrobial agents from Ayurvedic medicinal plants to combat the problem of antimicrobial resistance”**

This workshop is supported by a Researcher Links grant under the Newton Bhabha Fund. The grant is funded by the UK Department of Business, Energy and Industrial Strategy (BEIS) and the Royal Society of Chemistry and delivered by the British Council. The workshop will be held at the School of Natural Product Studies, Jadavpur University, Kolkata, India during September 4 - 7, 2018.

The workshop is being coordinated by Dr. Mukhlesur Rahman (Programme leader of Pharmaceutical Science, School of Health, Sports and Bioscience, University of East London, UK) and Prof. Pulok K Mukherjee (Director, School of Natural Product Studies, Jadavpur University, Kolkata, India), and will have contributions from other leading researchers.

Researcher Links Workshop grants will provide support to bring together a UK and India bilateral cohort of Early Career Researchers (ECR) to take part in focusing on building links for future collaboration and enhancing the researchers' capacity. This includes the development of ideas which may lead to further funding applications to the Newton Fund or other programmes. The workshop aims at building linkages for research in the development of novel antimicrobial agents from herbs used in traditional systems of medicine with special reference to Ayurveda to tackle the challenges of antimicrobial resistance (AMR). The programmes will address the key points that will benefit the early career researchers (ECRs) to develop collaboration and exchange of ideas and development of networks for promotion and development of herbal medicine. Specific objectives of the workshop are:

- To develop cutting-edge analytical skills in drug discovery
- To foster/develop collaboration for research and career advancement between UK and India.
- To develop network with scientists and exchange of ideas
- To develop network with industrial scientists and explore the opportunities.
- To discuss several issues on the causes and health implications of antimicrobial resistance (AMR).

The workshop will bring together academic and industrial scientists including pharmacists, pharmacognosists, phytochemists, pharmacologists and microbiologists, Ayurvedic physicians and researchers, medical doctors and as well

as herbalists and practitioners. Each of these groups will include participants from both India and the UK to build networks and share ideas. The workshops will cover the areas of current issues of antimicrobial resistance, scores and challenges of herbs used in traditional medicine with special reference to Ayurveda for drug development. It will also highlights on the applications of instrumental techniques for their quality evaluation and validation. During the workshops early career researchers will have the opportunity to present their research in the form of short oral presentation and discuss this with established researchers from the UK and partner countries. The workshop will be interactive, enabling ECR to work together, building their capacity and encouraging them to collaborate with one another as well as with experienced researchers.

We are now inviting Early Career Researchers from the UK and India to apply to attend this workshop. The Participants must have links to UK or Indian higher education, research institutions or relevant industrial R&D organisations. The workshop will be held in English. All travel and accommodation expenses will be covered by the Newton Bhava Researcher Links programme. The British Council accepts no responsibility for any problems which may occur when the participants are in-country. Total 34 participants will be selected (form UK and India).

### How to Apply

To apply, please fill in the application form and send it to the coordinators by email to the following address:

**Dr. Mukhlesur Rahman**, Programme leader of Pharmaceutical Science, School of Health, Sports and Bioscience, University of East London, UK;

E-mail: [m.rahman@uel.ac.uk](mailto:m.rahman@uel.ac.uk) (For UK participants)

**Prof. Pulok K. Mukherjee**, Director, School of Natural Product Studies, Jadavpur University, Kolkata-700032, India;

E mail: [pulok.mukherjee@jadavpuruniversity.in](mailto:pulok.mukherjee@jadavpuruniversity.in) (For participants from India).

### Application and Deadline:

The full application below must be completed and submitted by e-mails with in Friday, 30<sup>th</sup> June 2018.

### Eligibility Criteria:

- Applications must be submitted using the Researcher Links application form



- Application must be submitted before the above deadline
- Participants must be Early Career Researchers: Early Career Researchers are defined as holding a PhD (or having equivalent research experience) and having up to 10 years post-PhD research experience.
- Participants must have a research or academic position (a permanent post, research contract, or fellowship etc) at a recognised research institution either in the UK or in India.
- Please note that participants are expected to attend all sessions of the workshop.

### **Quality Assessment**

- Experience and relevance of the applicant's research area to the workshop
- Motivation and contribution to the aims of the workshop
- Description of the long term impact expected through the participation in the workshop
- Ability to disseminate workshop's outcomes

### **Selection Procedure:**

- Eligibility check
- Quality assessment

### **Notification of results:**

Applicants will be notified by email 1 month prior to the workshop.

### **Equal Opportunities:**

Equal opportunities and diversity are at the heart of the British Council's cultural relations ambitions. While recognising that some research fields are dominated by one particular gender, efforts will be made to work towards an equal gender balance, promote diversity. Applicants will not be excluded on the basis of ethnicity, gender, religious belief, sexual orientation, or disability.

## Workshop Application Form

### 1. Applicant

Name and Title: \_\_\_\_\_

Gender: \_\_\_\_\_

*(for statistical purposes. This will not affect choice of participants)*

Position \_\_\_\_\_

Institution \_\_\_\_\_

Postal Address \_\_\_\_\_

E-mail \_\_\_\_\_

Phone Number \_\_\_\_\_

### Brief CV:

(Academic career, publications, markers of esteem, any other relevant information- no more than half page of A4).

**2. Abstract- Summary of your area of research related to the core theme of this workshop (max 150 words).**

**3. Please describe your motivation for attending the workshop and how the workshop matches your professional development needs (max 150 words).**

**4. Please describe the expected impact of your participation on your personal and professional development, including your ability to work internationally (max 150 words).**

5. Please indicate how you will disseminate the outcomes of the workshop and the new knowledge/skills you have acquired (150 words).

6. Workshops will take place in English as standard. Please indicate your ability to work and communicate in English:

- Native Speaker
- Excellent
- Good
- Need Support

7. Please use this space to give any additional information that you feel is relevant for the application: