



## India-UK Tackling AMR in the Environment from Anti-microbial Manufacturing Waste (AMR-India)

(IIT-Bombay, Mumbai, India)

4<sup>th</sup> December - 5<sup>th</sup> December 2023

This India-UK programme seeks to investigate the potential contribution of antimicrobial manufacturing waste to environmental antimicrobial resistance (AMR). The programme is funded by Natural Environment Research Council (NERC) in UK and the Department of Biotechnology (DBT) in India. The programme consists of five collaborative research projects working across [eleven institutions in the UK](#) and [seventeen institutions in India](#). Our India stakeholders' workshop seeks to further engage with India stakeholders from all backgrounds, as well as to highlight our UK/India-AMR programme's objectives.

## AGENDA

### India Stakeholders' Workshop

*(The exact timings are subject to change.)*

**Facilitators:** Profs Helen Lambert, Soumyo Mukherji and John Connolly

**Location:** ESED Building, 2<sup>nd</sup> Floor, Seminar Room

**Monday, December 4<sup>th</sup>:**

09:00 – 09:30 **Registration/Set-up** (30min) **(with Tea & Coffee)**

09:30 – 10:00 Welcome and Workshop orientation (30min)

10:00 – 11:00 Overview of research programme & Programme Coordinating Team (PCT) activities (1h)

11:00-11:30 **BREAK + posters** (30min)

11:30-12:30 *Summary of Sept 13<sup>th</sup> 2023 Stakeholders' meeting – Identified challenges!* (30min)

*Discussion- What further challenges need to be considered?* (30min)



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12:30 – 14:00 **LUNCH** (1.5h)

14:00-14:30 Stakeholder presentation 1: **Steve Brooks, AMR Alliance** (*online*) (30min)

14:30 – 15:30 Round table 1 – **Industry** (1h)

15:30-16:00 **BREAK + posters** (30min)

16:00 – 16:30 Project summary 1 (ResPharm) (30min)

16:30 - 17:00 Project summary 2 (AMRWatch) (30min)

17:00 **CLOSE OF DAY 1/2**

**Tuesday, December 5<sup>th</sup>**

09:00 – 09:30 **Registration/Set-up** (30min) (**with Tea & Coffee**)

09:30 – 10:00 Project summary 3 (AMRSPARE) (30min)

10:00 – 10:30 Project update 4 (AMRFlows) (30min)

10:30 – 11:00 Project update 5 (SELECTAR) (30min)

11:00 – 11:30 **BREAK + posters** (30min)

11:30 – 12:00 Stakeholder presentation 2: **Rajeshwari Sinha, Centre for Science and the Environment (TBC)** (30min)

12:00 – 13:00 Stakeholder roundtable 2 – **Regulators** (1h)

13:00 – 14:00 **LUNCH** (1h)

14:00 – 15:00 Position paper on management of pharmaceutical waste in the Indian environment (1h)

15:00 **CLOSE OF WORKSHOP**

**End of Our India Stakeholders' Event**

**Thank you!**

***Please note that our 'Global Stakeholders' Forum' will be held virtually later in the New Year 2024.***  
***We would be grateful if you could also join us for this major event.***



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## Appendix

A list of programme team leads:

### AMRFlows Team

PI	Prof Jan-Ulrich Kreft	University of Birmingham
Co-I	Dr Rupert Hough	The James Hutton Institute
Co-I	Dr Mads Troldborg	The James Hutton Institute
Co-I	Prof David Graham	Newcastle University
Co-I	Prof Colin Harwood	Newcastle University
Co-I	Prof Josh Larsen	University of Birmingham
Co-I	Prof Willem van Schaik	University of Birmingham
PI	Prof Shashidhar Thatikonda	IIT-Hyderabad
Co-I	Prof Aravind Kumar Rengan	IIT-Hyderabad
Co-I	Prof Soumendra Nath Kuiry	IIT-Madras
Co-I	Prof Indumathi M Nambi	IIT-Madras
Co-I	Prof Ravikrishna Raghunathan	IIT-Madras
Co-I	Prof Pranab Kumar Mohapatra	IIT-Gandhinagar
Co-I	Prof Rama Vaidyanathan	IIT-Madras

### AMR-WATCH Team

PI	Prof Nick Voulvoulis	Imperial College London
Co-I	Prof Shiranee Sriskandan	Imperial College London
PI	Prof Joseph Selvin	Pondicherry University
Co-I	Dr. Raj Prathivi	Pondicherry University
Co-I	Dr G. Seghal Kiran	Pondicherry University
Co-I	Dr. M. S. Muthu	Banaras Hindu University
Co-I	Prof Latha Rangunathan	Aarupadai Veedu Medical College
Co-I	Dr Nandita Banaji	Indira Gandhi Medical College & Research Institute
Co-I	Dr M. Murugan	Sai Mirra Innopharm Pvt. Ltd

### RePharm Team

PI	Prof Elizabeth Wellington	PI	University of Warwick
Co-I	Prof Helen Lambert		University of Bristol
Co-I	Prof Christopher Quince		Earlham Institute
Co-I	Dr Lijiang Song		University of Warwick



Co-I	Dr Robin Thompson	University of Warwick
Co-I	Prof Jason Weeks	IEH Consulting
PI	Prof Neelan Taneja PI	PGIMER
Co-I	Prof Manmeet Kaur	PGIMER
Co-I	Dr Hemant Purohit	CSIR-NEERI
Co-I	Dr Nishant Dafale	CSIR-NEERI Banaras Hindu University
Co-I	Dr Suresh Kumar Dubey	University
Co-I	Dr Shaikh Ziauddin Ahammad	IIT-Delhi Aligarh Muslim University
Co-I	Prof Iqbal Ahmad	University
Co-I	Dr Balvinder Mohan	PGIMER Aligarh Muslim University
Co-I	Dr Mohd Saghir Khan	University
Co-I	Dr T. R. Sreekrishnan	IIT-Delhi Banaras Hindu University
Co-I	Dr Jitendra Pandey	University
Co-I	Dr. Abhay Bajaj	CSIR-NEERI

#### **SELECTAR Team**

PI	Alan McNally	University of Birmingham
Co-I/PCT Lead	Laura Carter	University of Leeds
PI	Prof Ahmad Iqbal	Aligarh Muslim University
Co-I	Qazi Mohammed Rizwanul Haque	Jamia Millia Islamia
Co-I	Dr Dipiti Sareen	Panjab University
PI/Co-I	Prof Shaikh Ziauddin Ahammad	IIT- Delhi
Co-I	Sidharth Chopra	CSIR-CDRI

#### **AMSPARE Team**

PI	Prof Fiona Henriquez	University of West of Scotland
Co-I	Prof Andrew Hursthouse	University of West of Scotland Glasgow Caledonian University/University West of Scotland
Co-I	Prof John Connolly	University West of Scotland
PI	Prof Soumyo Mukherji	IIT-Bombay
Co-I	Prof Suparna Mukherji	IIT-Bombay