



International AMR symposium Tackling antibacterial and antifungal resistant infections from disease to innovative therapies

December 9-10th, 2024
Institut Pasteur, Paris, France – Duclaux Amphitheatre

Scientific & Organization Committee

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Christopher Schofield
University of Oxford, United Kingdom
Athanasios Typas
EMBL, Germany

INTRODUCTION & AIMS

In the frame of the [AMR research priority](#) at the Institut Pasteur, we are organizing together with the UPC Institut Hors-Murs Microb'UP [a symposium on AntiMicrobial Resistance](#) on December 9-10th, 2024 at the Pasteur Campus in Paris. During this meeting we aim to reposition the disease as the focal point to improve treatments of bacterial and fungal infections in a context of high antimicrobial resistance.

This one and a half day meeting will be organized around 4 sessions:

- Treatment escape and AMR in patients and animals
- Mechanisms of resistance and treatment escape
- Chemistry for new treatments
- Natural products and novel therapeutic strategies

The event will bridge biology, biotechnology, clinical studies, veterinary research and chemistry. We envision in addition to the presentations ample time for discussions, as well as short talks selected from submitted abstracts and poster presentations.

The following speakers have already confirmed their presence:

- Laurence Armand-Lefèvre – Hôpital Bichat, Paris, France
- David Bikard – Institut Pasteur & Eligo Bioscience – Paris, France
- Sarah Dellièvre – Hôpital Saint Louis / Institut Pasteur – Paris, France
- Iuliana Ene – Institut Pasteur – Paris, France
- Marion Flipo – Institut Pasteur de Lille – Lille, France
- Vincent Libis – Learning Planet Institute / Université Paris Cité – Paris, France
- Rolf Müller – Helmholtz Institute for Pharmaceutical Research Saarland – Saarbrücken, Germany
- Christopher Schofield - University of Oxford, Oxford, UK
- Athanasios Typas - EMBL, Heidelberg, Germany
- Thomas Van Boeckel – University of Zürich, Zürich, Switzerland

REGISTRATIONS

Registrations are free but mandatory: [click here to register](#)

Or flash the QR code →



→ **Deadline for registration:** November 29th, 2024

CALL FOR ABSTRACTS FOR ORAL AND POSTER PRESENTATIONS

Applications for oral and poster communications are largely welcomed. We invite you to submit your contributions for this symposium in the form of an explicit title, abstract, full authors list, 3 to 5 keywords and complete contact information of the speaker to emilie.boutet@pasteur.fr.

→ **Deadline to submit your abstract for oral communication:** October 31st, 2024

→ **Deadline to submit your abstract for poster communication:** November 8th, 2024

There will be prizes for best posters and short-talks.

CONTACT & INFORMATION

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PROGRAM

Day 1 (afternoon) December 9th, 2024

1.15 pm Registration and welcome coffee

2:00 pm **Introduction** by **Yasmine Belkaid** (Director of the Institut Pasteur)

2:15 pm Session 1 – Treatment escape and AMR in patients and animals

- 2.15-2.45 **Laurence Armand-Lefèvre** – Hôpital Bichat, France
“Antimicrobial resistance realities in French hospitals and low- and middle-income countries”
- 2.45-3.15 **Thomas Van Boeckel** – University of Zürich, Switzerland
“Global mapping of antimicrobial resistance in animals”
- 3.15-3.35 oral communication
- 3.35-3.55 oral communication

3.55 pm Coffee break

- 4.15-4.45 **Sarah Dellière** - Hôpital Saint Louis / Institut Pasteur, France
« Antifungal resistance in human pathogenic fungi : a growing threat »
- 4.45-5.05 oral communication
- 5.05-5.25 oral communication
- 5.25-5.40 short-talks selected from posters

6 pm – 7.30 pm **Wine & Cheese**

Day 2 (Full day) December 10th, 2024

9 am Session 2 - Mechanisms of resistance and treatment escape

- 9.00-9.30 **Iuliana Ene** – Institut Pasteur, France
“Beyond Drug Resistance: Alternative Drug Responses in Candida albicans”
- 9.30-10.00 **Athanasios Typas** – EMBL, Germany
“Strategies to control, delay or revert AMR”
- 10.00-10.20 oral communication

10.20-10.40 oral communication

10.40-10.55 short-talks selected from posters

11:00 am Coffee break

11:20 am Session 3 - Chemistry for new treatments

11.20-11.50 **Christopher Schofield** – University of Oxford, United Kingdom
« *Natural Product Inspired Antibiotics* »

11.50-12.20 **Marion Flipo** – Institut Pasteur de Lille, France (*speaker Société Chimie Thérapeutique*)
« *Novel efflux pump inhibitors: tackling antimicrobial resistance in Enterobacterales* »

12.20-12.40 oral communication

12.40-1.00 oral communication

1.00-1.15 short-talks selected from posters

1:15 pm Lunch break & Poster session

2:40 pm Session 4 - Natural products and novel therapeutic strategies

2.40-3.10 **Rolf Müller** – Helmholtz Institute for Pharmaceutical Research Saarland, Germany
« *Approaches Towards Innovative Anti-Infectives From Microbes* »

3.10-3.40 **David Bikard** – Institut Pasteur / Eligo Bioscience, France
« *In situ targeted mutagenesis of gut bacteria with base editors* »

3.40-4.10 **Vincent Libis** – Learning Planet Institute / Inserm-Université Paris Cité, France
« *Scalable discovery of novel antibiotics through synthetic biology* »

4:10 pm Coffee break

4.30-4.50 oral communication

4.50-5.10 oral communication

5.10-5.25 short-talks selected from posters

5:25 pm Conclusion

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