

InfraLife

2 June 2021

Utilizing the National Infrastructures to Solve Antimicrobial Resistance

The first InfraLife workshop gathers stakeholders in the field of antimicrobial resistance (AMR) for a joint discussion.

Antimicrobial resistance is a major health threat and resistance to common antibiotics is estimated to cause 700,000 deaths each year globally. There is a strong need for new antimicrobials, but also for better diagnostics and non-antibiotic methods to advance the development of new strategies against AMR.

Successfully addressing AMR requires a collaborative intersectoral approach. Together with key stakeholders from the pharmaceutical industry, diagnostic industry and academic setting, the workshop will address current unmet needs in AMR research and provide the opportunity to discuss how the National infrastructures, SciLifeLab, MaxIV and ESS, can contribute to accelerating and advancing the field.

Sessions

- AMR field today, accomplishments and challenges ahead
- National infrastructures' capabilities
- Use cases
- Roundtable discussion and path forward

Organizers



Partners



Utilizing the National Infrastructures to Solve Antimicrobial Resistance

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| 09:00 | Welcome remarks
Moderator Pia Kinhult
Olli Kallioniemi, SciLifeLab
Marjolein Thunnissen, MaxIV
Pia Kinhult, ESS | 11:00 | Structural Biology at the European Spallation Source
Esko Oksanen, European Spallation Source |
| 09:15 | Current State of Affairs – What have we learnt and where are we going?
Anders Karlén, Uppsala universitet, ENABLE | 11:20 | Industry perspective
Susanna Abrahmsén-Alami, Principal Scientist, AstraZeneca |
| 09:40 | Presentation of SciLifeLab Facilities and capabilities
Annika Jenmalm Jensen, SciLifeLab | 11:40 | Round table discussion |
| 10:00 | Usecase SciLifeLab
Joakim Larsson, University of Gothenburg | 12:40 | Conclusions and actionable projects to address gaps in AMR
Pia Kinhult |
| 10:15 | Life Science opportunities at MaxIV
Selma Maric, MaxIV | | |
| 10:35 | Usecase MaxIV
Karina Thånell, MaxIV | | |

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