3rd ABR call

Tackling antibiotic resistance by reusing data and increasing FAIRness
Disclaimer

This information meeting is supplementary to the call and program text.

These texts are leading, even when there are inconsistencies between the information provided today and the call or program text.

ONE EXCEPTION Research area 1 in the call text

Projects that will lead to more knowledge on acquisition or transmission of antibiotic resistance are also eligible for funding, next to studies to prevent this from happening.
<table>
<thead>
<tr>
<th>Time</th>
<th>Who</th>
<th>What</th>
</tr>
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<tbody>
<tr>
<td>13:30 - 13:35</td>
<td>Linda van Gaalen (ZonMw)</td>
<td>Welcome and disclaimer</td>
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<tr>
<td>13:35 - 14:05</td>
<td>Linda van Gaalen (ZonMw)</td>
<td>Presentation about the aim of the ABR call, procedures, timeline</td>
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<td>14:05 - 14:30</td>
<td>Kris Pelleboer Yara ten Pas (ZonMw)</td>
<td>Presentation about implementation and impact</td>
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<td>14:30 - 15:00</td>
<td>Rob Hooft (DTL)</td>
<td>Presentation about the FAIR principles and FAIR data</td>
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<td>15:00 - 15:30</td>
<td>Feikje Hielkema Robert Stegwee (RIVM)</td>
<td>Presentation about Semantic Unification</td>
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<td>15:30 - 15:45</td>
<td>Inge Soons (Nictiz)</td>
<td>Demonstration Snomed</td>
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<td>15:45 - 16:30</td>
<td>Yara ten Pas (ZonMw)</td>
<td>Plenary discussion and questions</td>
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<td>16:30 - 17:00</td>
<td>All</td>
<td>Drinks</td>
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Programme themes versus 3rd call themes

1. ‘Appropriate diagnostics’ is Research Area 2 from the call text: “Studies that support appropriate (use of) diagnostics.”

2. ‘Mechanisms and targets for new AB and alternatives to antibiotics’ is Research Area 3 from the call text: “Studies that support new or improved applications for antibiotics and alternatives to antibiotics.”

3. ‘Mechanisms of inducing and transmitting antibacterial resistance’ is Research Area 1 from the call text: “Studies on how to prevent the acquisition and / or transmission of antibacterial resistant bacteria, or ABR genes in different environments e.g., patients, hospitals, farms, nature, etc.”

4. ‘Optimising AB therapy dosage and use’ is Research Area 4 from the call text: “Studies on optimising dosage and prudent use of antibiotics.”
Reuse of data

- Knowledge hidden in previously gathered data bases
- Optimising public funding – return on investment
- Establishing reuse of data as a foundation principle
- Enhancing FAIRness of data
- Establishing standardisation of language as a foundation principle

FOREMOST

Results of this research should aim to have considerable impact on lowering the burden of antibiotic resistance
What kind of data?

**RESOURCES**

(1) BIOBANK
((a) collection, (b) database, (c) biobanking service)

(1a) COLLECTION of biological material
- Biospecimens (e.g., blood, urine)
- Bacteria
- Other microorganisms (viruses, fungi, parasites)
- Molecular derivatives (e.g., DNA, RNA, protein)

(1b) Database associated with the collection
- Antibiotic resistance data
- Information about various characteristics, e.g., source (hum – vet – envirmnt), health-Dx-treatment, quality, protocol, genotype

**SERVICES**

(2) ‘Non sample’-database
- Registry
- Medical records
- Survey data
- Physiological/biochemical
- Imaging data
- Other data

(3) RESEARCH INFRASTRUCTURE
- Services e.g. repositories, data sharing platforms, sequencing platforms, microbial species identification platforms, reference material, production platforms

(4) Documentation (metadata) describing the resources (e.g. their content, code, quality, accessibility,...)

(1c) Biobanking services
- e.g. maintaining resources, or distributing them to third party users
Research eligible for funding

- Implementation project
- Gap analysis on implementation failure
- Desktop data analysis
- Laboratory data analysis (e.g. collections of biological material)
- Meta-analysis, systematic reviews or data integration and linkage studies
- Or a combination of several research types mentioned above
Mandatory

- Improve the level of FAIRness of the existing dataset.
- Map the dataset into an international standard appropriate for your research community.
- Apply the ‘Biobanking data dictionary for bacteria’ of the Swiss Biobanking Platform for biological samples.

Full application (if applicable)

- Provide a DMP at your full proposal (DMP online - ZonMw template).
Mandatory

Granted projects (if applicable)
- Signed consortium agreement or sponsorship agreement
- Bring your own data workshop – October 2020
Eligible parties

- Registered in the Netherlands
- Address ABR issues or research on a non-commercial basis
- Research institutes, hospitals and other care centres, veterinary practices, environmental organisations, etc.
- We require an explanation on the added value of the partnership
- Consortium- and/or sponsorship agreement

Projects > max. 3 year duration, €250,000 max.

Smaller projects are encouraged
EU State Aid Regulation

- Forbidden to give state aid
- Project will be considered as activities of public interest
- ZonMw will entrust the undertakings concerned with the delivery of these public services
- Service of General Economic Interest ("SGEI")
  (Dutch: Dienst van Algemeen Economisch Belang - DAEB)
# Procedure

<table>
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<tr>
<th>Activity</th>
<th>Date/Time</th>
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<tr>
<td>Information session on the call</td>
<td>17 July 2019; 13:30 – 16:30 hours CET at ZonMw in The Hague</td>
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<tr>
<td>Deadline for submission of project idea</td>
<td>10 September 2019; 14:00 hours CET</td>
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<td>Committee’s recommendation received by</td>
<td>Early December 2019</td>
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<tr>
<td>Deadline for submission of grant application</td>
<td>11 February 2020; 14:00 hours CET</td>
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<td>Reviewers’ comments received by</td>
<td>16 March 2020</td>
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<tr>
<td>Deadline for submission of rebuttal</td>
<td>30 March 2020; 12:00 hours CET</td>
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<tr>
<td>Intention – Designation - Decision</td>
<td>End June 2020</td>
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<tr>
<td>Deadline for start of project</td>
<td>October 2020</td>
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<tr>
<td>Bring your own data workshop</td>
<td>October 2020</td>
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Procedure

After full proposal stage

– Intention letter
– Designation letter SGEI (DAEB)
– Send in your consortium agreement or sponsorship agreement for acceptation
– Grant decision letter
– Start project (October 2020)
– Bring your own data workshop (October 2020)
Please pay attention to

- The distinct budget form for this call as attachment
- The extra questions on the existing data as attachment
- Involve your data management expert
- Involve your implementation expert
- Read the criteria carefully
- Provide reviewer suggestions, the more the merrier
- Work on your consortium agreement or sponsorship agreement

- Deadline pre proposals 10 September 2019; 14:00 CET
Questions?