



D4.5 Quantitative results of antibiotics in soil

Workpackage 4

Responsible Partner: 34-PIWET,
2-AGES

Contributing partners: 7-SZU, 14-UT, 23-UoS,
25 NUIG, 36-INSA



GENERAL INFORMATION

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DOCUMENT MANAGEMENT

Title OHEJP deliverable	Quantitative results of antibiotics in soil
WP and task	WP4: Determination of the selection pressures in the tested compartments of human, animal and environmental ecosystems Task 5: Quantification of four antimicrobial classes (tetracyclines, macrolides, sulphonamides and fluoroquinolones) in soil
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Other contributors	7-SZU, 14-UT, 23-UoS, 25 NUIG, 36-INSA
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Dissemination <i>Author's suggestion to inform the following possible interested parties.</i>	<p>OHEJP WP 1 <input type="checkbox"/> OHEJP WP 2 <input type="checkbox"/> OHEJP WP 3 <input checked="" type="checkbox"/></p> <p>OHEJP WP 4 <input type="checkbox"/> OHEJP WP 5 <input type="checkbox"/> OHEJP WP 6 <input type="checkbox"/></p> <p>OHEJP WP 7 <input type="checkbox"/> Project Management Team <input checked="" type="checkbox"/></p> <p>Communication Team <input checked="" type="checkbox"/> Scientific Steering Board <input type="checkbox"/></p> <p>National Stakeholders/Program Owners Committee <input type="checkbox"/></p> <p>EFSA <input type="checkbox"/> ECDC <input type="checkbox"/> EEA <input type="checkbox"/> EMA <input type="checkbox"/> FAO <input type="checkbox"/> WHO <input type="checkbox"/> OIE <input type="checkbox"/></p> <p>Other international stakeholder(s):</p> <p>Social Media:</p> <p>Other recipient(s):</p>



D-JRP15-FED-AMR-WP4.5: QUANTITATIVE RESULTS OF ANTIBIOTICS IN SOIL

Preliminary Remarks

This deliverable D-JRP15-FED-AMR-WP4.5 relates to WP4 task 5, 'Quantification of four antimicrobial classes (tetracyclines, macrolides, sulphonamides and fluoroquinolones) in soil', and is led by Anna Gajda (34-PIWET).

This project is an ongoing effort, however, due to the delay in sample collection (arising from COVID-19 restrictions), the progress of this task is behind the original schedule.

Description of action

The soil samples were collected as part of the sampling campaign lead by WP2 partners. For more information on the soil sample collector, sampling timeline, fecal sample distribution, sample transportation, sample identifiers used, please see D-JRP15-FED-AMR-WP2.1, Annexes 1 to 4 and Annex 7. All collected samples were sent by the involved institutes within FED-AMR to 34-PIWET in Poland for further antibiotic detection in soil samples as described in D-JRP15-FED-AMR-WP4.1, Annex 1.

Description of deliverable

This deliverable provides quantitative results of antibiotics in soil. These results will be exchanged with other WPs, namely with WP2, in order to associate the presence of certain antibiotics in soil samples with their corresponding resistance genes, which have been detected by target enrichment.

Confidentiality of the deliverable

This deliverable is public, however, results associated to this deliverable are confidential until published, and are shown in **Annex 1** to this deliverable.