



D2.14 — 2nd PathoCERT Open Access activities report

WP2 — Dissemination, Communication and
Innovation Management

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LEAD BENEFICIARY	University of Cyprus		
RESPONSIBLE AUTHOR	Demetrios Eliades (UCY)		
CONTRIBUTIONS FROM	UCY, UMF, CERTH		
ABSTRACT	This deliverable is an extension of the Deliverable 2.13, and presents an update on the content produced which complies with the Open Access Policy, up to the end of the first period of the project.		

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Executive summary

This deliverable is an extension of the Deliverable 2.13, and presents an update on the content produced which complies with the Open Access Policy, up to the end of the first period of the project. A table with the Open Access publications is provided in Table 1. There we no datasets released during the period of this report.



1 Introduction

In accordance with its H2020 Grant Agreement of PathoCERT, the project partners are obligated to disseminate the project results to the public and in scientific publications, as soon as possible. In addition, the partners must ensure open access (free of charge online access) to all peer-reviewed scientific publications related to PathoCERT. PathoCERT has developed an Open Access guideline to be implemented by the partners, which is included in **Deliverable 2.13**. The guideline aims to reinforce the project's commitment to disseminate results and in scientific publications and promote the principle of open access where possible for peer-reviewed scientific publications related to the project. **All PathoCERT researchers should be aware and follow the PathoCERT Open Access guidelines**. Open Access documents produced in the project, will reside at the PathoCERT Zenodo community (<https://zenodo.org/communities/pathocert-2020/>).

The screenshot displays the Zenodo interface for the PathoCERT Open Access community. At the top, the Zenodo logo and search bar are visible. The main heading is 'H2020 PathoCERT project'. Below this, there is a 'Recent uploads' section with a search bar and a list of five items. Each item includes a date, a 'View' button, a title, authors, and a brief description. The items are: 1) 'Electrochemical Detection of Enterobactin as a Biomarker for Escherichia coli with a Hydrogel and Nanoparticle Layer-based Sensor' (Feb 10, 2022), 2) 'Electrochemical Sensors as Tools for Pathogen Bacteria Detection' (Feb 10, 2022), 3) 'Modern Analytical Techniques for Detection of Bacteria in Surface and Wastewaters' (June 28, 2021), 4) 'Applications of magnetic hybrid nanomaterials in Biomedicine' (September 24, 2021), and 5) 'Project Overview: Pathogen Contamination Emergency Response Technologies' (November 26, 2020). To the right of the uploads is a 'New upload' button and a 'Community' section. The community section features the PathoCERT logo and a description of the project: 'H2020 PathoCERT project Pathogen Contamination Emergency Response Technologies'. It also includes a 'Curated by:' section, a 'Curation policy:', and a 'Created:' section. Below the community section is a 'Want your upload to appear in this community?' section with a list of instructions for uploading. At the bottom of the page, there is a footer with navigation links (About, Blog, Help, Developers, Contribute) and logos for CERN, OpenAIRE, and the European Union.

Figure 1: The PathoCERT Open Access Zenodo Community

2 Summary of Open Access Activities

The tables below provide a summary of the Open Access outputs during the period of this deliverable.

Table 1. Open Access Publications

Type	Title	Authors	Title of the Journal or Proceedings	Number, date	Open Access (Green or Gold)	Peer-review	DOI	Repository Link
Journal	A social media analytics platform visualising the spread of COVID-19 in Italy via exploitation of automatically geotagged tweets	S. Andreadis, G. Antzoulatos, T. Mavropoulos, P. Giannakeris, G. Tzionis, N. Pantelidis, K. Ioannidis, A. Karakostas, I. Gialampoukidis, S. Vrochidis, I. Kompatsiaris	Online Social Networks and Media	23, May 2021, 100134	Yes	Yes	https://doi.org/10.1016/j.osnem.2021.100134	https://zenodo.org/record/4696382
Paper	Modern Analytical Techniques for Detection of Bacteria in Surface and Wastewaters	Alexandra Canciu; Mihaela Tertis; Oana Hosu; Andreea Cernat; Cecilia Cristea; Florin Graur	Sustainability	13, 7229, 2021	Yes	Yes	https://doi.org/10.3390/su13137229	https://zenodo.org/record/6033780
Poster	Electrochemical Detection of Enterobactin as a Biomarker for Escherichia coli with a Hydrogel and Nanoparticle Layer-based Sensor	Alexandra Canciu, Andreea Cernat, Mihaela Tertis, Cecilia Cristea	BES Meeting 2021	March 2021	Yes	No	https://doi.org/10.5281/zenodo.6034271	https://zenodo.org/record/6034271
Presentati on	Electrochemical Sensors as Tools for Pathogen Bacteria Detection	Cecilia Cristea, Alexandra Canciu, Oana Hosu, Andreea Cernat, Mihaela Tertis	72 nd Annual Meeting of the International Society of Electrochemist	August 2021	Yes	No	https://doi.org/10.5281/zenodo.6033870	https://zenodo.org/record/6033870

Table 2. Open datasets

Title	DOI of dataset	Links	Accessible	Reusable	Linked Publication	DOI of Publication
<i>The project has not produced open datasets during this period</i>						