
Converting supplementary info of 10.1021/acsnano.8b07562 into FAIR data

A Data Management Plan created using DMPonline

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Project abstract:

The purpose of this project is to convert the supplementary information of this ACS Nano paper: Labouta HI, Asgarian N, Rinker K, Cramb DT. Meta-Analysis of Nanoparticle Cytotoxicity via Data-Mining the Literature. ACS Nano. 2019 Jan 31; doi:10.1021/acsnano.8b07562

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Converting supplementary info of 10.1021/acsnano.8b07562 into FAIR data - Initial DMP

1. Data summary

The purpose of this project is to improve the FAIRness of the original data (doi:10.1021/acsnano.8b07562). It is part of the making existing data more reusable. The input is a spreadsheet and the output RDF using the eNanoMapper ontology. In both bases, the data is a few megabytes at most.

2. FAIR data

Data will be made available via Zenodo or Figshare. Standards developed by eNanoMapper will be used, like the ontology and the RDF data model being developed.

The script is provided in a GitHub repository and in time will also be archived on Zenodo: <https://github.com/NanoSolveIT/10.1021-acsnano.8b07562>

- eNanoMapper ontology
- Resource Description Framework

Follows from the above.

3. Allocation of resources

Cost will be covered by the NanoSolveIT H2020 grant.

4. Data security

Not applicable.

5. Ethical aspects

No human data is involved.

6. Other

Data will be further shared by NanoSolveIT.

