

# BridgeDb NWO grant update #2: building up momentum

Egon Willighagen 

Published April 17, 2022

## Citation

Willighagen, E. (2022). BridgeDb NWO grant update #2: building up momentum. In *chem-bla-ics*. chem-bla-ics. <https://doi.org/10.59350/t5wrt-55f66>

## Keywords

Bridgedb, Openscience, Isaac

## Abstract

Last month I reported on the start of the NWO Open Science grant and it is time for an update. First, our grant now has a grant number, 203.001.121. For a project that is about identifiers, having a project identifier is a big deal.

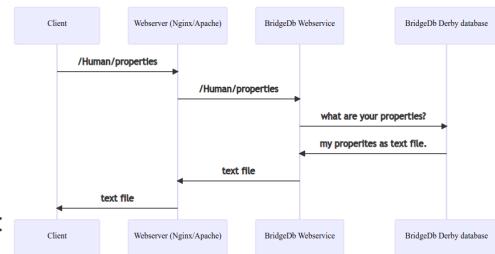
## Copyright

Copyright © Egon Willighagen 2022. Distributed under the terms of the [Creative Commons Attribution 4.0 International License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

## chem-bla-ics

Last month I reported on the start of the [NWO Open Science grant](#) and it is time for an update. First, our grant now has a grant number, [203.001.121](#). For a project that is about identifiers, having a project identifier is a big deal.

Some updates by Denise, Martina, Tooba, Helena, and me:



- the project proposal was accepted and published in RIO Journal (doi:[10.3897/rio.8.e83031](https://doi.org/10.3897/rio.8.e83031))
- we started drawing various [BridgeDb stories](#) as UML diagrams using [Mermaid](#)
- updated the documentation in the [BridgeDb Webservice repository](#)
- an [Ensembl 104-based gene/protein ID mapping database](#) (doi:[10.5281/zenodo.6367091](https://doi.org/10.5281/zenodo.6367091))
- better unit test coverage of the BridgeDb Java library
- various [CITATION.cff](#) updates

There are some further things cooking, including an updated [datasources.tsv](#) and a few [pull requests](#). I expect a new release of the BridgeDb Java library before the end of the month.

With these new results, we also updated [the ISAAC database](#) for the two new products (the published proposal and the gene/protein ID mapping database):

| Products                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |                     |                      |                    |           |      | Save | Close |       |      |                     |           |                    |        |      |                                                                                                 |                                                   |      |                      |            |           |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------|----------------------|--------------------|-----------|------|------|-------|-------|------|---------------------|-----------|--------------------|--------|------|-------------------------------------------------------------------------------------------------|---------------------------------------------------|------|----------------------|------------|-----------|--|
| File number 203.001.121                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                   |                     |                      |                    |           |      |      |       |       |      |                     |           |                    |        |      |                                                                                                 |                                                   |      |                      |            |           |  |
| Title BridgeDb and Wikidata: a powerful combination generating interoperable open research Grant Open Science (OS) Fund 2020/2021 Status Running                                                                                                                                                                                                                                                                                                                     |                                                   |                     |                      |                    |           |      |      |       |       |      |                     |           |                    |        |      |                                                                                                 |                                                   |      |                      |            |           |  |
| <a href="#">Add</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                   |                     |                      |                    |           |      |      |       |       |      |                     |           |                    |        |      |                                                                                                 |                                                   |      |                      |            |           |  |
| <b>Professional publication</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                   |                     |                      |                    |           |      |      |       |       |      |                     |           |                    |        |      |                                                                                                 |                                                   |      |                      |            |           |  |
| <table border="1"><thead><tr><th>Title</th><th>Name</th><th>Year of publication</th><th>Submitter</th><th>Date of submission</th><th>Status</th><th>More</th></tr></thead><tbody><tr><td>BridgeDb and Wikidata: a powerful combination generating interoperable open research (BridgeDb)</td><td>E. Willighagen, M. Kutmon, M. Martens, D. Slenter</td><td>2022</td><td>dr. E.L. Willighagen</td><td>13/03/2022</td><td>Submitted</td><td></td></tr></tbody></table> |                                                   |                     |                      |                    |           |      |      |       | Title | Name | Year of publication | Submitter | Date of submission | Status | More | BridgeDb and Wikidata: a powerful combination generating interoperable open research (BridgeDb) | E. Willighagen, M. Kutmon, M. Martens, D. Slenter | 2022 | dr. E.L. Willighagen | 13/03/2022 | Submitted |  |
| Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Name                                              | Year of publication | Submitter            | Date of submission | Status    | More |      |       |       |      |                     |           |                    |        |      |                                                                                                 |                                                   |      |                      |            |           |  |
| BridgeDb and Wikidata: a powerful combination generating interoperable open research (BridgeDb)                                                                                                                                                                                                                                                                                                                                                                      | E. Willighagen, M. Kutmon, M. Martens, D. Slenter | 2022                | dr. E.L. Willighagen | 13/03/2022         | Submitted |      |      |       |       |      |                     |           |                    |        |      |                                                                                                 |                                                   |      |                      |            |           |  |
| <b>Other</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                   |                     |                      |                    |           |      |      |       |       |      |                     |           |                    |        |      |                                                                                                 |                                                   |      |                      |            |           |  |
| <table border="1"><thead><tr><th>Title</th><th>Name</th><th>Year of publication</th><th>Submitter</th><th>Date of submission</th><th>Status</th><th>More</th></tr></thead><tbody><tr><td>Gene/Protein BridgeDb ID Mapping Database (Ensembl 104)</td><td>T. Abbassi-Daloii, L. De Meyer, M. Kutmon</td><td>2022</td><td>dr. E.L. Willighagen</td><td>26/03/2022</td><td>Submitted</td><td></td></tr></tbody></table>                                                 |                                                   |                     |                      |                    |           |      |      |       | Title | Name | Year of publication | Submitter | Date of submission | Status | More | Gene/Protein BridgeDb ID Mapping Database (Ensembl 104)                                         | T. Abbassi-Daloii, L. De Meyer, M. Kutmon         | 2022 | dr. E.L. Willighagen | 26/03/2022 | Submitted |  |
| Title                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Name                                              | Year of publication | Submitter            | Date of submission | Status    | More |      |       |       |      |                     |           |                    |        |      |                                                                                                 |                                                   |      |                      |            |           |  |
| Gene/Protein BridgeDb ID Mapping Database (Ensembl 104)                                                                                                                                                                                                                                                                                                                                                                                                              | T. Abbassi-Daloii, L. De Meyer, M. Kutmon         | 2022                | dr. E.L. Willighagen | 26/03/2022         | Submitted |      |      |       |       |      |                     |           |                    |        |      |                                                                                                 |                                                   |      |                      |            |           |  |

Right now, the ISAAC database does not make it easy to add content. Instead, there is a series of forms that have to be manually filled, including separate forms for authors. You cannot simply add a DOI. Well, until recent. [Lars Willighagen](#) and I developed a [Chrome browser add-on](#) to help out (also works with Brave), using his awesome [citation-js](#) (doi:[10.7717/peerj-cs.214](https://doi.org/10.7717/peerj-cs.214)). The above two entries in the database have been added using this add-on.

We hope it will help other NWO grant holders too and that the add-on becomes obsolete in the near future. Because the ISAAC database needs some updates elsewhere too. For example, it does not seem to value open source and open data so much yet:

|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scientific Article                       | <b>Scientific Article</b>                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                          | Articles in academic journals that employ an anonymous peer review system which is independent from the editorial staff. And: articles in journals that are non refereed, yet deemed important for the field.                                                                                                                                                                                                                     |
| Book/monograph                           | <b>Book/monograph</b>                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                          | Books written for a learned audience which describe the results of scientific research.                                                                                                                                                                                                                                                                                                                                           |
| Book chapter                             | <b>Book chapter</b>                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                          | Contributions to scientific books/monographs aimed at a learned audience.                                                                                                                                                                                                                                                                                                                                                         |
| PhD-thesis                               | <b>PhD-thesis</b>                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                          | Publications on the basis of which researchers obtain a doctorate.                                                                                                                                                                                                                                                                                                                                                                |
| Conference Paper                         | <b>Conference Paper</b>                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                          | A complete version of an article published in the context of a conference (proceedings).                                                                                                                                                                                                                                                                                                                                          |
| Professional publication                 | <b>Professional publication</b>                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | Publications aimed at professionals in the public and private sectors that include annotations (e.g. legal).                                                                                                                                                                                                                                                                                                                      |
| Publications aimed at the general public | <b>Publications aimed at the general public</b>                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | Popular publication about the results of scientific research aimed at a lay readership.                                                                                                                                                                                                                                                                                                                                           |
| Patent                                   | <b>Patent</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                          | The number of patent applications submitted, in which at least one inventor is mentioned whose appointment is >50% financed by the funder, or for which the invention clearly emerged from a project financed by the funder, with priority date within the year concerned.<br>Not included: PCT applications of patent applications in other countries that are direct continuation of a previously submitted patent application. |
| Contract                                 | <b>Contract</b>                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                          | The number of contracts wherein intellectual property rights are transferred or a licence is granted on these rights, arising from previously registered patents.                                                                                                                                                                                                                                                                 |
| Other research output                    | <b>Other research output</b>                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                          | Other types of research output such as abstracts, editorships, inaugural lectures, designs and prototypes (e.g. engineering) and media appearances.                                                                                                                                                                                                                                                                               |

That is a shame.