



ROR Identifiers as Funder Identifiers

CHORUS Forum, May 22, 2024

 <https://ror.org/016731f38>

Zimmer Biomet (Germany)

ORGANIZATION TYPES

Company, Funder

OTHER NAMES

Aliases

Biomet

RELATIONSHIPS

Parent Organizations

[Zimmer Biomet \(United States\)](#)

Some record data is not displayed in this view. [See JSON view for full record data](#)

Record last modified 2024-04-29. Is there an issue with the data on this record? [Suggest a change](#)

Search and browse ROR records at

<https://ror.org/search>

ROR currently includes over 109,000 research organizations from around the world.

LOCATIONS

Berlin (GeoNames ID [2950159](#)), Germany

WEBSITE

<http://www.zimmerbiomet.de>

OTHER IDENTIFIERS

GRID [grid.472779.8](#)

ISNI [0000 0004 0635 9006](#)

Crossref Funder ID [100009636](#)

All ROR metadata is CC0, and the ROR dataset and API are entirely free and open.

Crossref Open Funder Registry > ROR

- In September 2023, Crossref [announced](#) "a long-term plan to deprecate the Open Funder Registry" in favor of ROR.
- ROR has been [working](#) to reconcile its records with the Open Funder Registry since 2022 (more on this in a moment).
- The Open Funder Registry itself [will remain available](#) **at least** through the end of 2024.
- The `/funders` endpoint of the Crossref API and the [Crossref Funding Search](#) will remain available "at least until ROR IDs become the predominant funding identifier for newly registered content, and perhaps beyond"

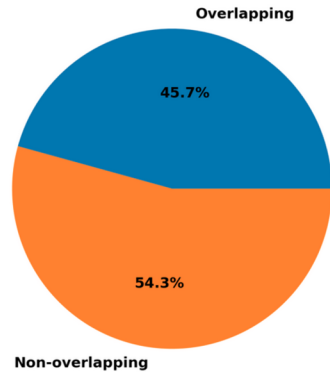
What ROR is doing

- Reconciling the Funder Registry with ROR so that records and information from the Funder Registry are also in ROR
- Working with funders, especially large national agencies, to ensure their hierarchies are correct and complete in ROR
- Facilitating interviews with users of the Funder Registry to better understand their needs and concerns
- Adding **funder** as an organization type in ROR (done!)
- Collaborating with Crossref on matching strategies
- Publishing help documentation about the transition at <https://ror.readme.io/docs/funder-registry>

Crossref - Aggregate ROR/Funder Registry Overlap

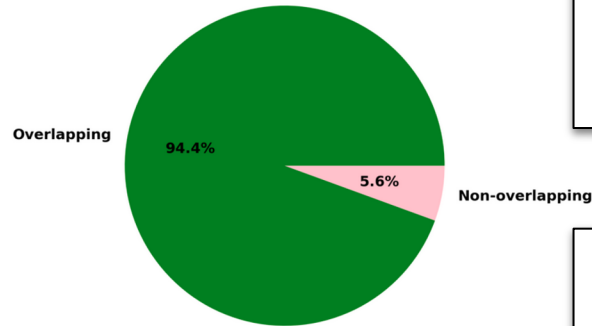
Overlapping vs Non-overlapping Funder IDs¹

20,018 / 43,785 total funders



Overlapping vs Non-overlapping Assertions²

13,789,786 / 14,602,784 total assertions



Crossref Overlap Analysis

1. Total number of Funder IDs that have been mapped to ROR IDs.
2. Total number of assertions where the Funder ID is mapped to a ROR ID.

[Download unmapped funders as CSV](#)

[Download mapped funders as CSV](#)

ROR has been working to reconcile the two registries since mid-2022.

There's a corresponding ROR ID for **94%** of Funder ID assertions in Crossref DOI records and **96%** in DataCite.

- United States Department of Energy
 - Advanced Research Projects Agency-Energy
 - Ames Laboratory
 - Argonne National Laboratory
 - Center for Light Energy Activated Redox Processes
 - Brookhaven National Laboratory
 - RIKEN BNL Research Center
 - Consortium for the Advanced Simulation of Light Water Reactors
 - Fermilab
 - Fuel Cell Technologies Office
 - Geothermal Technologies Office
 - Great Lakes Bioenergy Research Center
 - Idaho National Laboratory
 - International Partnership for the Hydrogen and Fuel Cell in the Economy
 - Joint BioEnergy Institute
 - Joint Genome Institute
 - Lawrence Berkeley National Laboratory
 - Joint Center for Artificial Photosynthesis
 - Lawrence Livermore National Laboratory
 - Los Alamos National Laboratory
 - Center for Integrated Nanotechnologies
 - National High Magnetic Field Laboratory
 - National Energy Technology Laboratory
 - National Nuclear Security Administration
 - National Renewable Energy Laboratory
 - Nevada National Security Site
 - Oak Ridge National Laboratory
 - Joint Institute for Computational Sciences
 - Atmospheric Radiation Measurement User Facility
 - Office of Economic Impact and Diversity
 - Office of Electricity Delivery and Energy Reliability
 - Office of Energy Efficiency and Renewable Energy
 - Vehicle Technologies Office
 - Office of Environmental Management
 - Office of Environmental Protection, Sustainability Support and Corporate Safety Analysis
 - Office of Fossil Energy
 - Office of Health and Safety
 - Office of Inspector General

- Office of Inspector General
- Office of Intelligence and Counterintelligence
- Office of International Affairs
- Office of Legacy Management
- Office of Management
- Office of Nuclear Energy
- Office of Nuclear Safety
- Office of Science
 - Office of Advanced Scientific Computing Research
 - Office of Basic Energy Sciences
 - Office of Biological and Environmental Research
 - Office of Fusion Energy Sciences
 - DIID National Fusion Facility
 - Office of High Energy Physics
 - Office of Nuclear Physics
 - Office of Scientific and Technical Information
 - Office of Workforce Development for Teachers and Scientists
- Office of Space and Defense Power Systems
- Office of Under Secretary of Energy for Science
- Office of the General Counsel
- Pacific Northwest National Laboratory
 - Joint Global Change Research Institute
- Princeton Plasma Physics Laboratory
- SLAC National Accelerator Laboratory
 - Kavli Institute for Particle Astrophysics and Cosmology
 - Linac Coherent Light Source
 - Stanford Synchrotron Radiation Lightsource
- Sandia National Laboratories
 - Center for Integrated Nanotechnologies
 - Sandia National Laboratories California
- Savannah River National Laboratory'
- Savannah River Operations Office
- Solar Energy Technologies Office
- United States Energy Information Administration
- Vera C. Rubín Observatory
- KBase
- Kansas City National Security Campus
- Atmospheric Radiation Measurement User Facility

Visual representation of ROR relationships for the US Department of Energy from October 2023 -

<https://ror.org/01bj3aw27>

What Crossref is doing

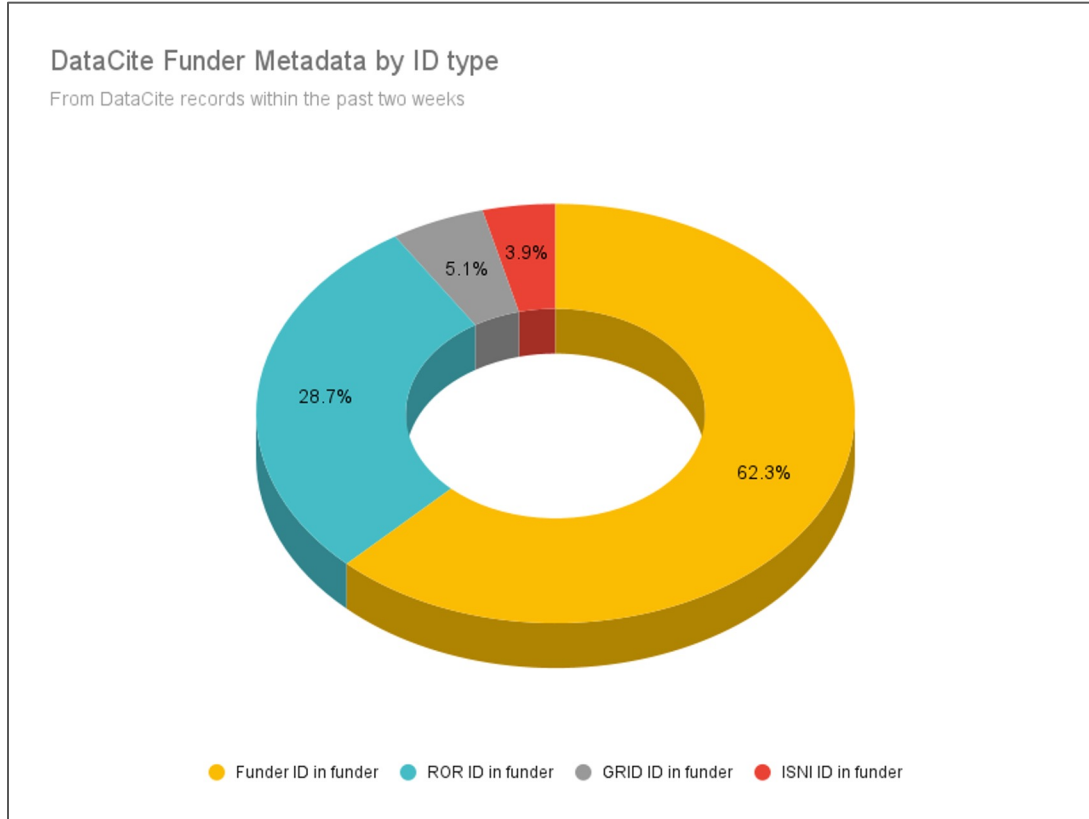
- Making it possible to accept ROR IDs in every place in the schema they currently accept Funder IDs - planned for release by Q3 2024
- Working on mapping Funder IDs to ROR IDs in Crossref metadata
- Collaborating with ROR on machine-learning powered [matching](#) strategies to match text strings of funder names to ROR IDs
- Participating in interviews with users of the Funder Registry to better understand their needs and concerns
- Continuing to maintain the Funder Registry, the [/funders](#) endpoint, and the [Crossref Funding Search](#)

ROR is already widely used as a funder identifier

Systems that already use ROR to identify funders include

- ORCID
- DataCite
- Zenodo
- Dryad
- CHORUS
- figshare via Dimensions integration
- OpenAlex
- OA.Report

ROR accounts for nearly 30% of funder identifiers in DataCite records



[Access these statistics](#)

Benefits of using ROR instead of Funder IDs

- Integrate with just one registry as opposed to two
- Take advantage of ROR's easy-to-use data and tools (REST API, data dump, UI landing pages)
- Work with a more robust and carefully curated dataset (richer metadata, more transparent and controlled curation process)
- Support community-led and community-governed infrastructure*

** The Funder Registry is supported by Crossref but actually produced by Elsevier*

Questions for you

What is your primary concern about the transition from the Open Funder Registry to ROR? What opportunities does it open up for you?



Thank you!

Amanda French, ROR Technical Community Manager, amanda@ror.org

