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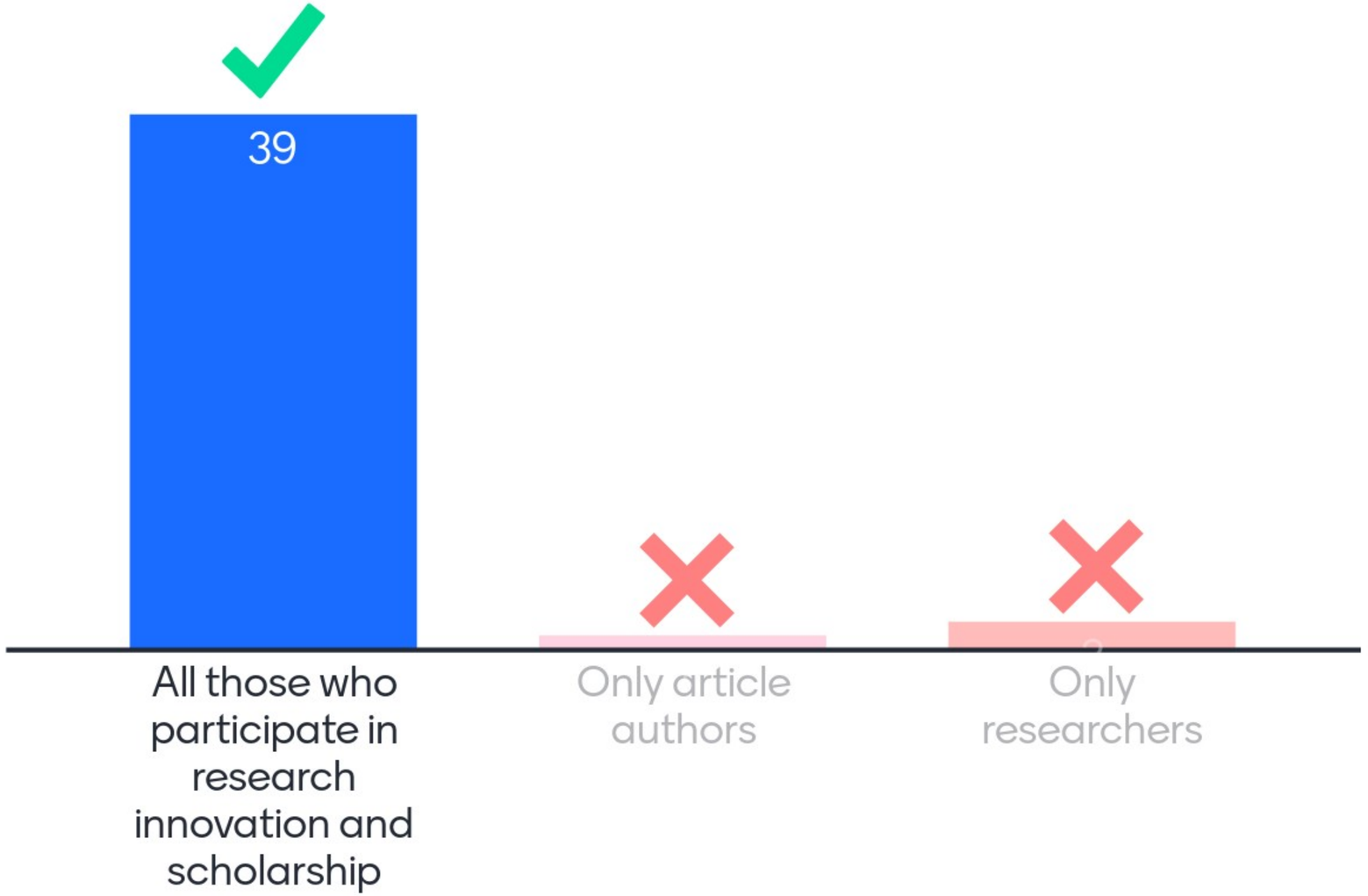
The C in ORCID: From Authorship to Contributorship

Gabriela Mejias (ORCID)
Paloma Marín-Arraiza (ORCID)

Who can register an ORCID iD?



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Our vision

ORCID's vision is a world where all who participate in research, scholarship, and innovation are uniquely identified and connected to their contributions across disciplines, borders, and time.

17

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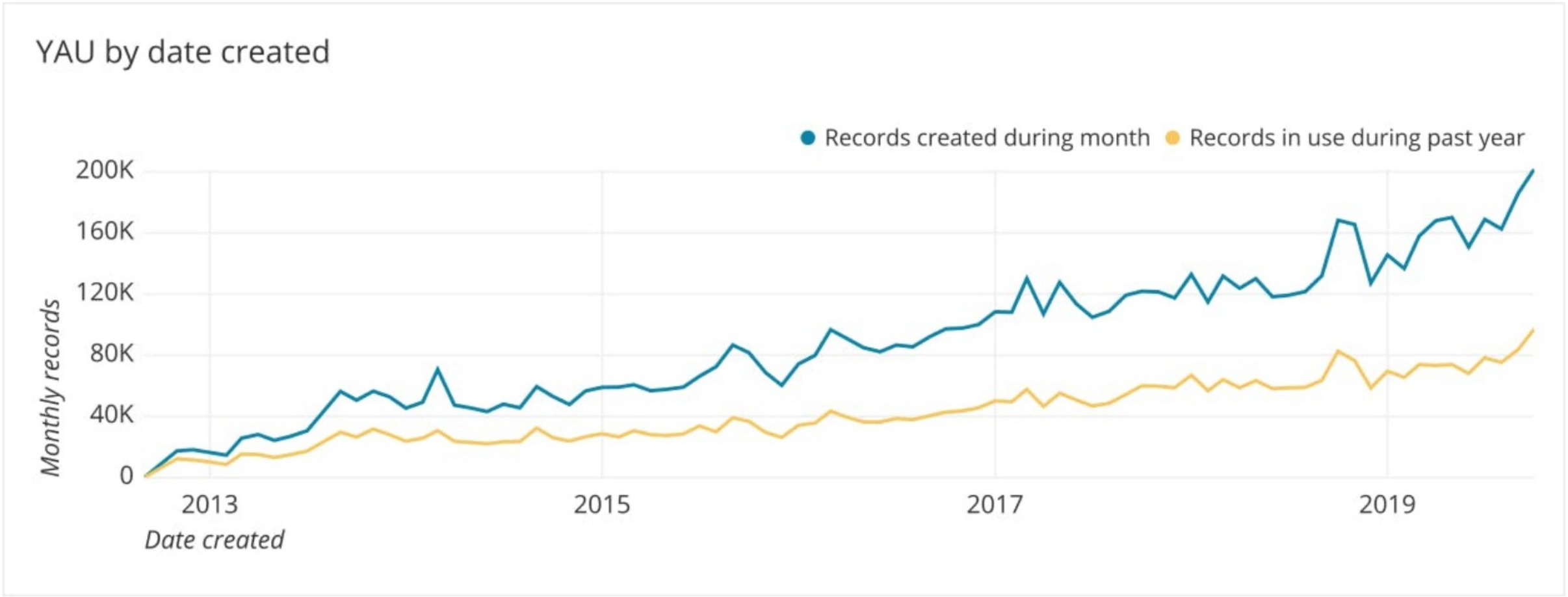
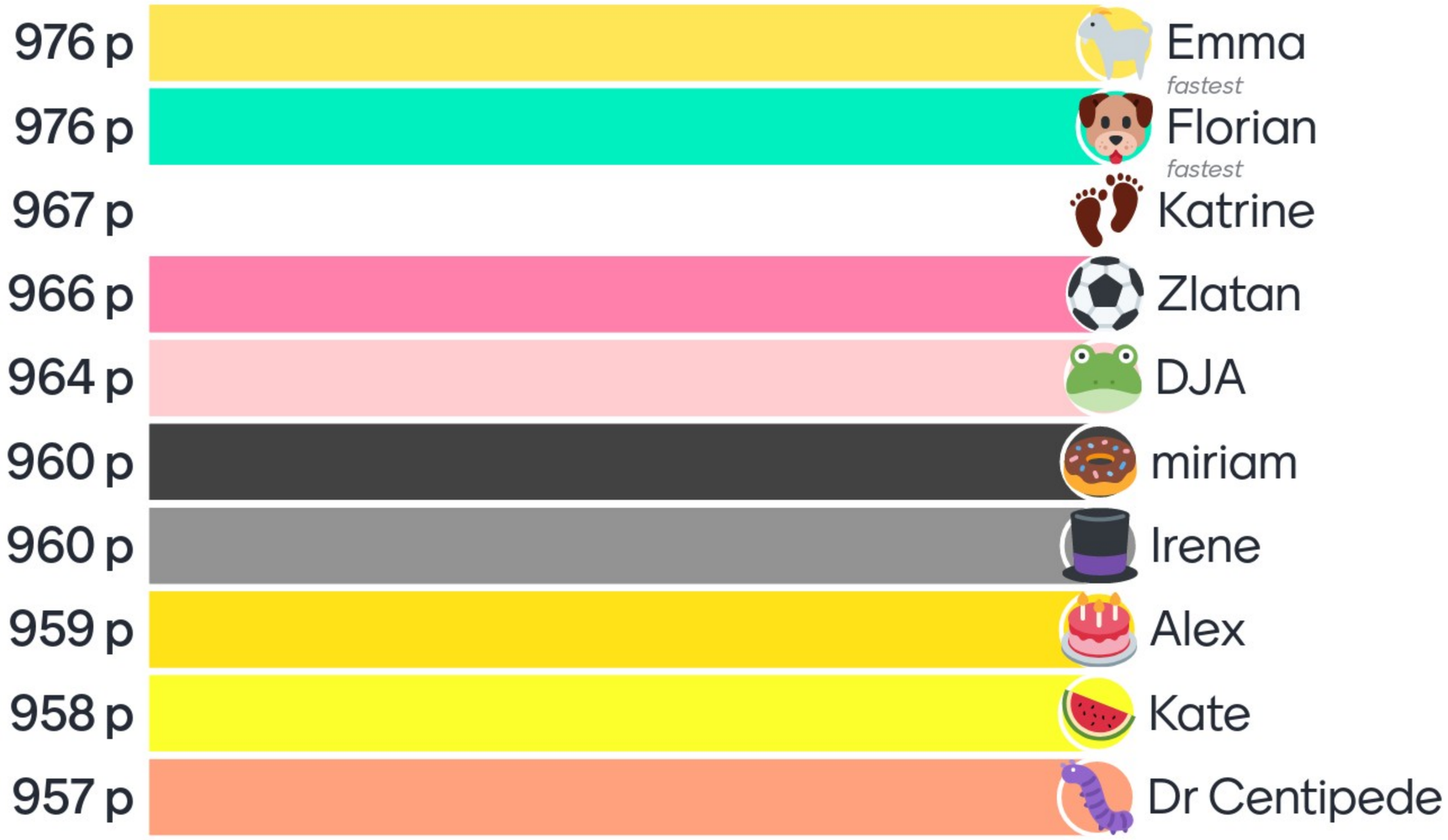


ORCID iDs evolution

11

Leaderboard



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What kind of contributions can be connected to an ORCID record?

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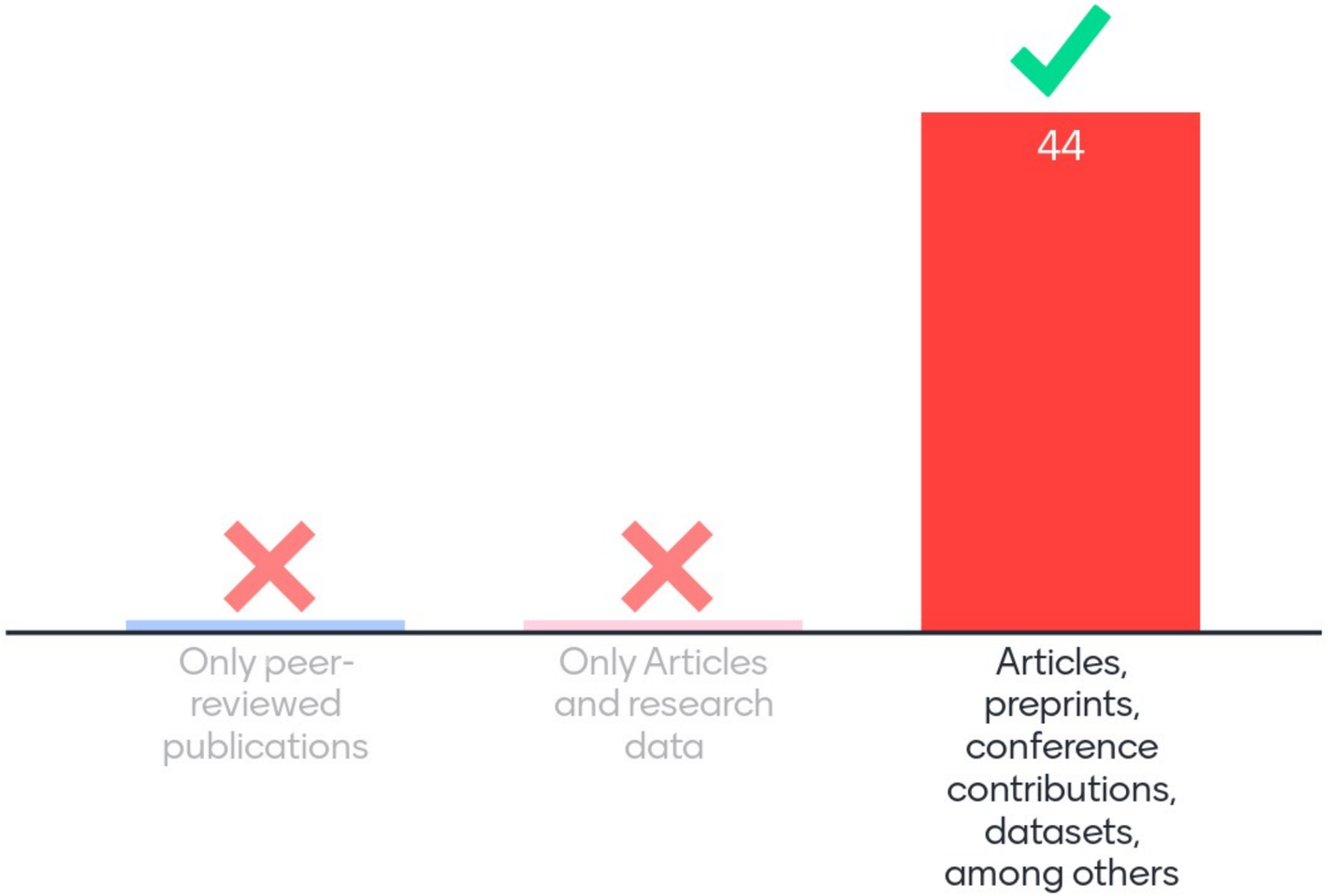

46

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```
                        https://dictionary.casrai.org/Output_Types
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                </xs:annotation>
                <xs:restriction base="xs:string">
                        <xs:enumeration value="artistic-performance" />
                        <xs:enumeration value="book-chapter" />
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                        <xs:enumeration value="working-paper" />
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        </xs:simpleType>
```

Recognizing contributions

9

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61 lines (61 sloc) | 2.56 KB Raw Blame

```xml
<?xml version="1.0" encoding="UTF-8"?>
<work:work
        xmlns:common="http://www.orcid.org/ns/common" xmlns:work="http://www.orcid.org/ns/work"
        xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        xsi:schemaLocation="http://www.orcid.org/ns/work /work-2.1.xsd ">
        <work:title>
                <common:title>Work Title</common:title>
                <common:subtitle>Sub title</common:subtitle>
                <common:translated-title language-code="en">Translated-title</common:translated-title>
        </work:title>
        <work:journal-title>Jounral Title</work:journal-title>
        <work:short-description>Short description</work:short-description>
        <work:citation>
                <work:citation-type>bibtex</work:citation-type>
                <work:citation-value>
                        @article {ORCID2012,
                        title = "ORCID: a system to uniquely identify researchers",
                        journal = "Leanred Publishing",
                        year = "2012",
                        doi = "doi:10.1087/20120404"
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                        <common:external-id-relationship>self</common:external-id-relationship>
                </common:external-id>
                <!-- The full list of supported identifier types is at https://pub.orcid.org/v2.0/identifiers -->
        </common:external-ids>
        <work:url>http://alt-uri.org</work:url>
        <work:contributors>
                <work:contributor>
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                                <common:uri>https://orcid.org/0000-0001-5109-3700</common:uri>
                                <common:path>0000-0001-5109-3700</common:path>
                                <common:host>orcid.org</common:host>
                        </common:contributor-orcid>
                        <work:credit-name>Laure L. Haak</work:credit-name>
                        <work:contributor-attributes>
                                <work:contributor-sequence>first</work:contributor-sequence>
                                <work:contributor-role>author</work:contributor-role>
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                </work:contributor>
        </work:contributors>
        <common:language-code>en</common:language-code>
        <common:country>US</common:country>
</work:work>
```
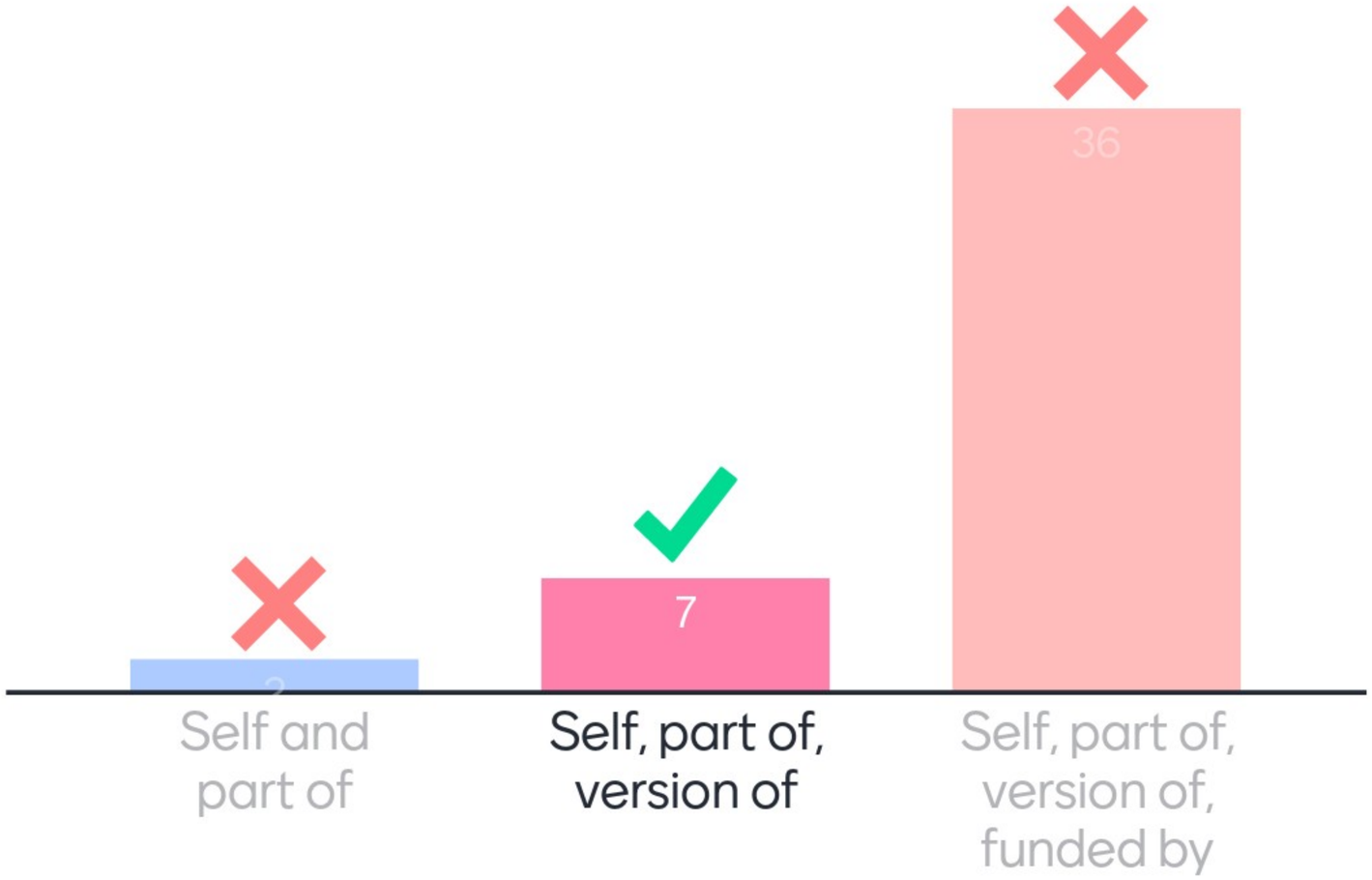

Works XML sample

5

What relationships between works and identifiers does ORCID currently support?



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45

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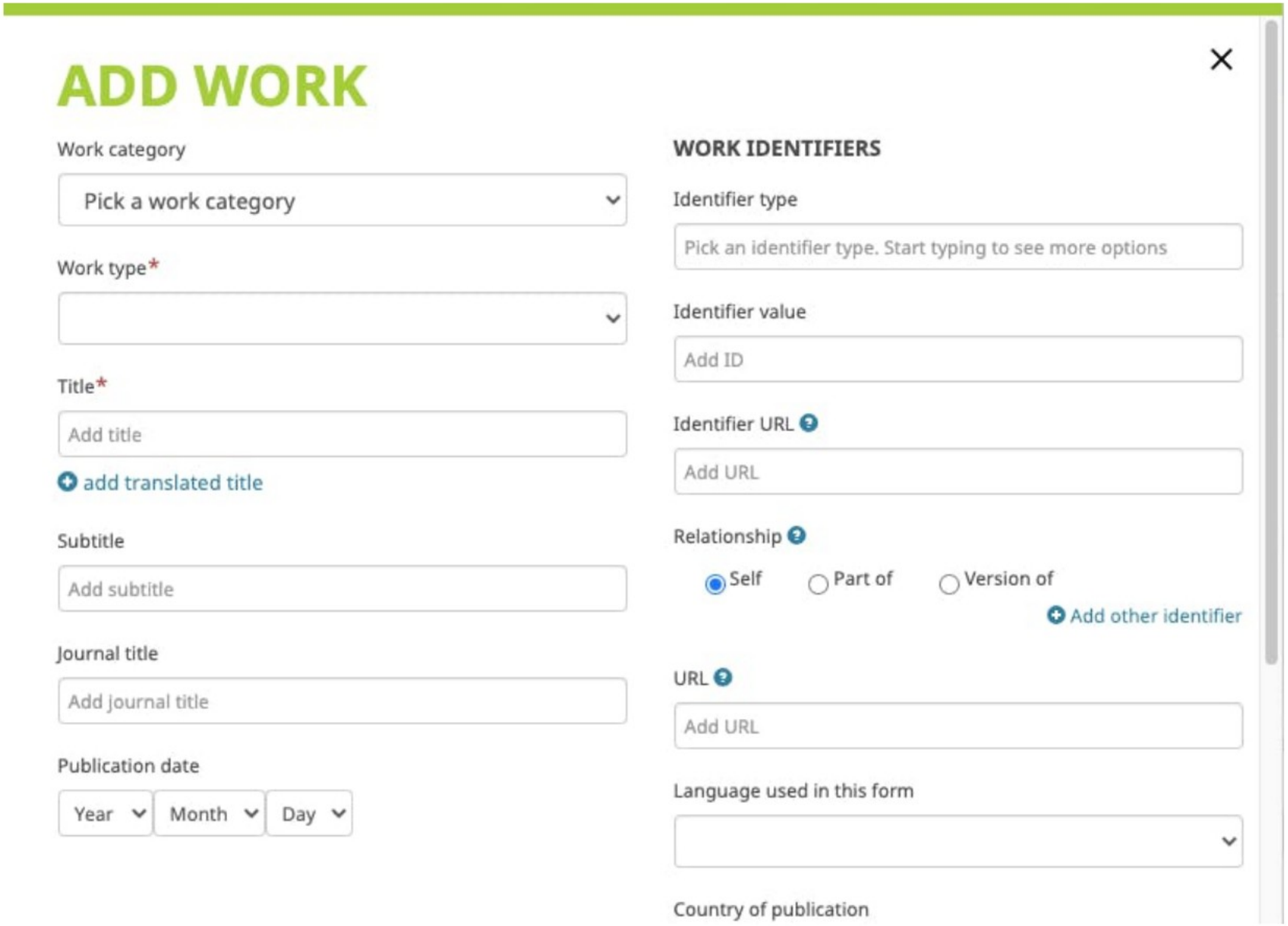
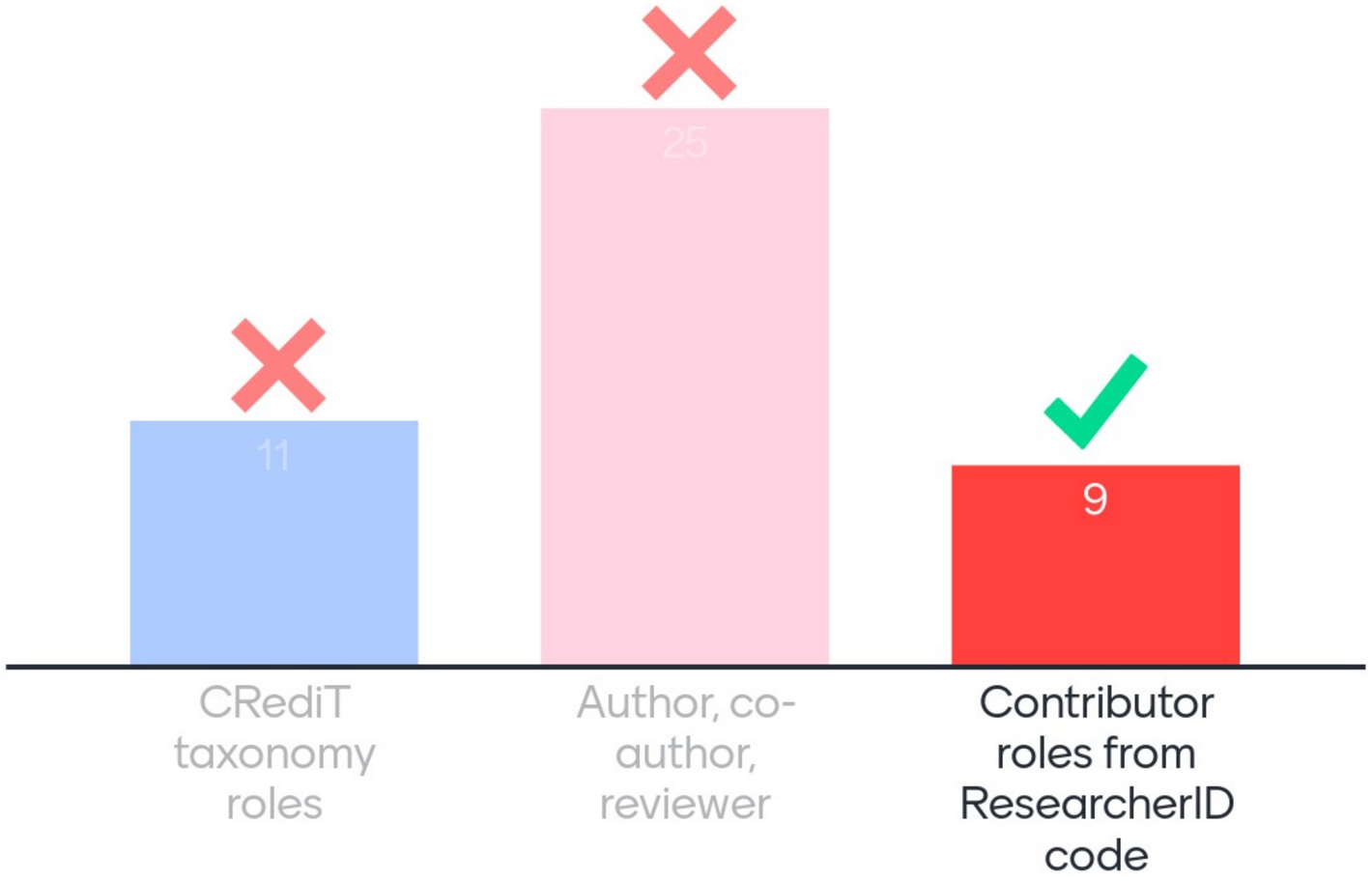


Relationship types

12

What kind of contributor roles for works does ORCID currently support?



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Persistent identifiers: the building blocks of the research information infrastructure

Insights the UKSG journal

2019-03-13 | journal-article

DOI: 10.1629/uksg.457

URL

https://doi.org/10.1629/uksg.457

Contributor

Alice Meadows (author)

Laurel L Haak (author)

Josh Brown (author)

Added

2019-03-13

Last modified

2019-03-13

Source: Crossref

★ Preferred source

Contribution roles in the ORCID record

3

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CRediT (Contributor Roles Taxonomy) is a high-level taxonomy, including 14 roles, that can be used to represent the roles typically played by contributors to scientific scholarly output. The roles describe each contributor's specific contribution to the scholarly output.

14 Contributor Roles

Conceptualization

Data curation

Formal Analysis

Funding acquisition

Investigation

Methodology

Project administration

Resources

Software

Supervision

Validation

Visualization

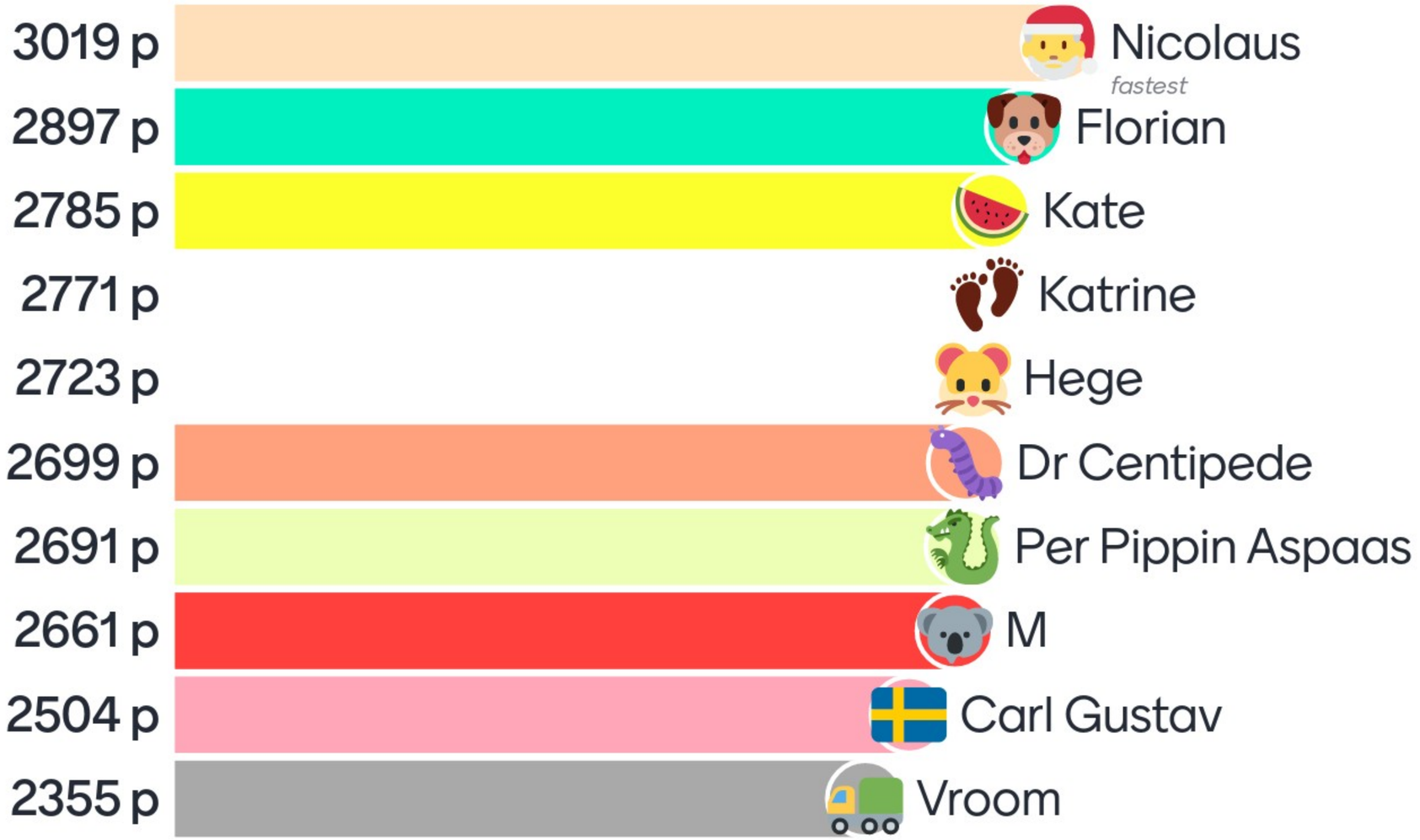
Writing – original draft

Writing – review & editing

The CRediT Taxonomy

7

Leaderboard



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Is it currently possible to connect a preprint with a peer reviewed article on an ORCID record?

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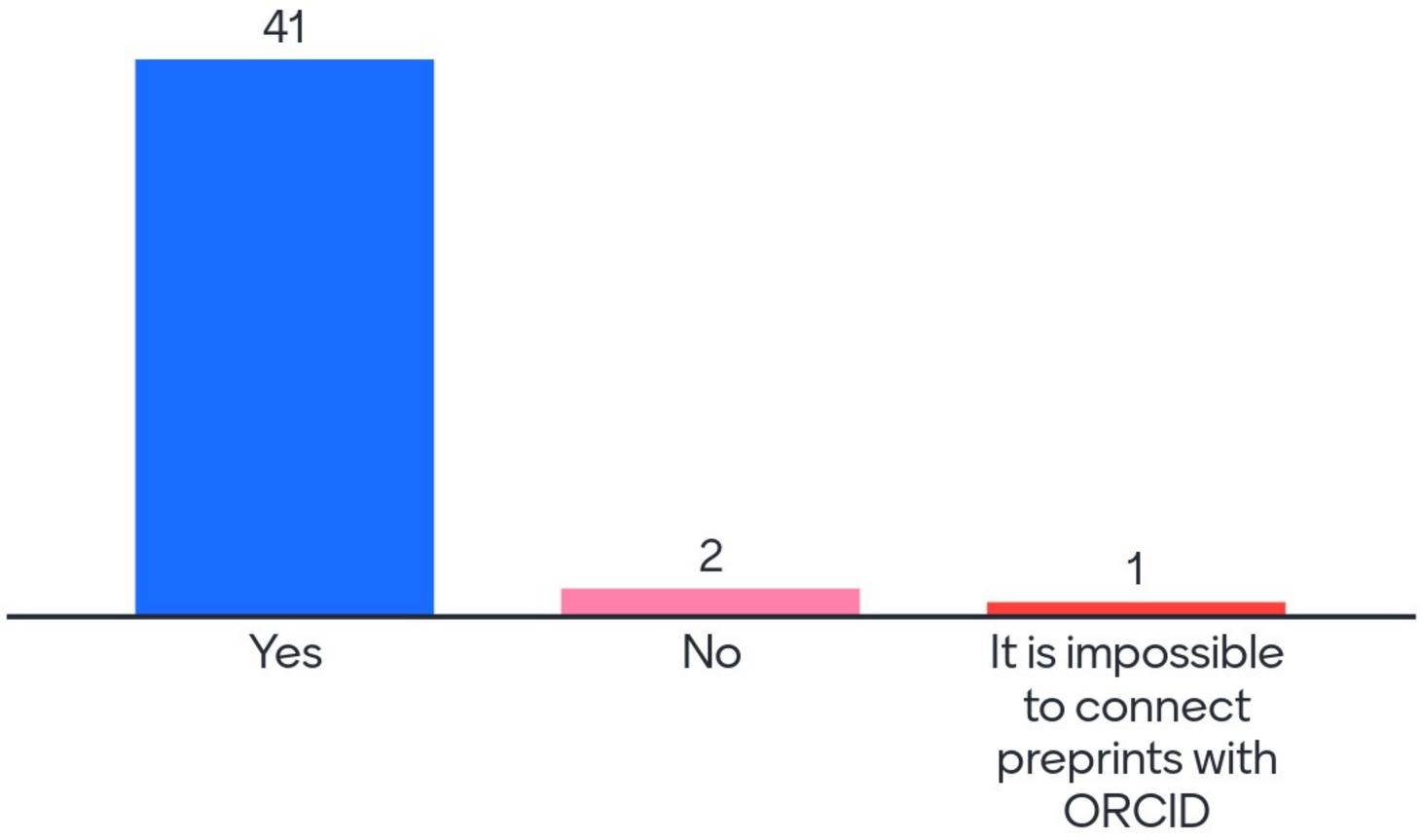

44

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Linking preprints with peer reviewed journal articles (or other versions)

- **Preprint service provider** collects author iD and connects the **preprint** to the ORCID record with the identifier (e.g. DOI and rel "self)
- **Publisher** collects author iD and connects to ORCID record
  - **peer reviewed journal article** with identifier (e.g. DOI rel "self")
  - **preprint** with identifier (e.g. DOI rel "version of")
- **Preprint(s) & peer reviewed journal article** grouped together on the ORCID record

ORCID supports multiple external identifier relationship types:

- **Self**: the identifier refers solely to that work and can be grouped with other works that have the same identifier. Example is a DOI
- **Part of**: the work is part of this identifier and cannot be grouped with other works. Example is an ISSN
- **Version of**: these identifiers apply to alternate versions of the work and can be grouped with self and version of identifiers. Used to relate multiple versions of a dataset together, or to group preprints with the published version of a paper.

"Building trust through this process of constant checking and improvement is vital not only for other researchers in the field, but for the wider research community, as well as for policy-makers and the general public. (...) ***Exposing the process of scholarship helps all round."***

Trust as an Ethic and a Practice in Peer Review
Alice Meadows, Jasmine Wallace, Karin Wulf

https://gitlab.com/crossref/user_stories/-/issues/443
https://scholarlykitchen.sspnet.org/2020/09/21/trust-as-an-ethic-and-a-practice-in-peer-review/

Preprints in ORCID

11

Who can add peer reviews to ORCID records?

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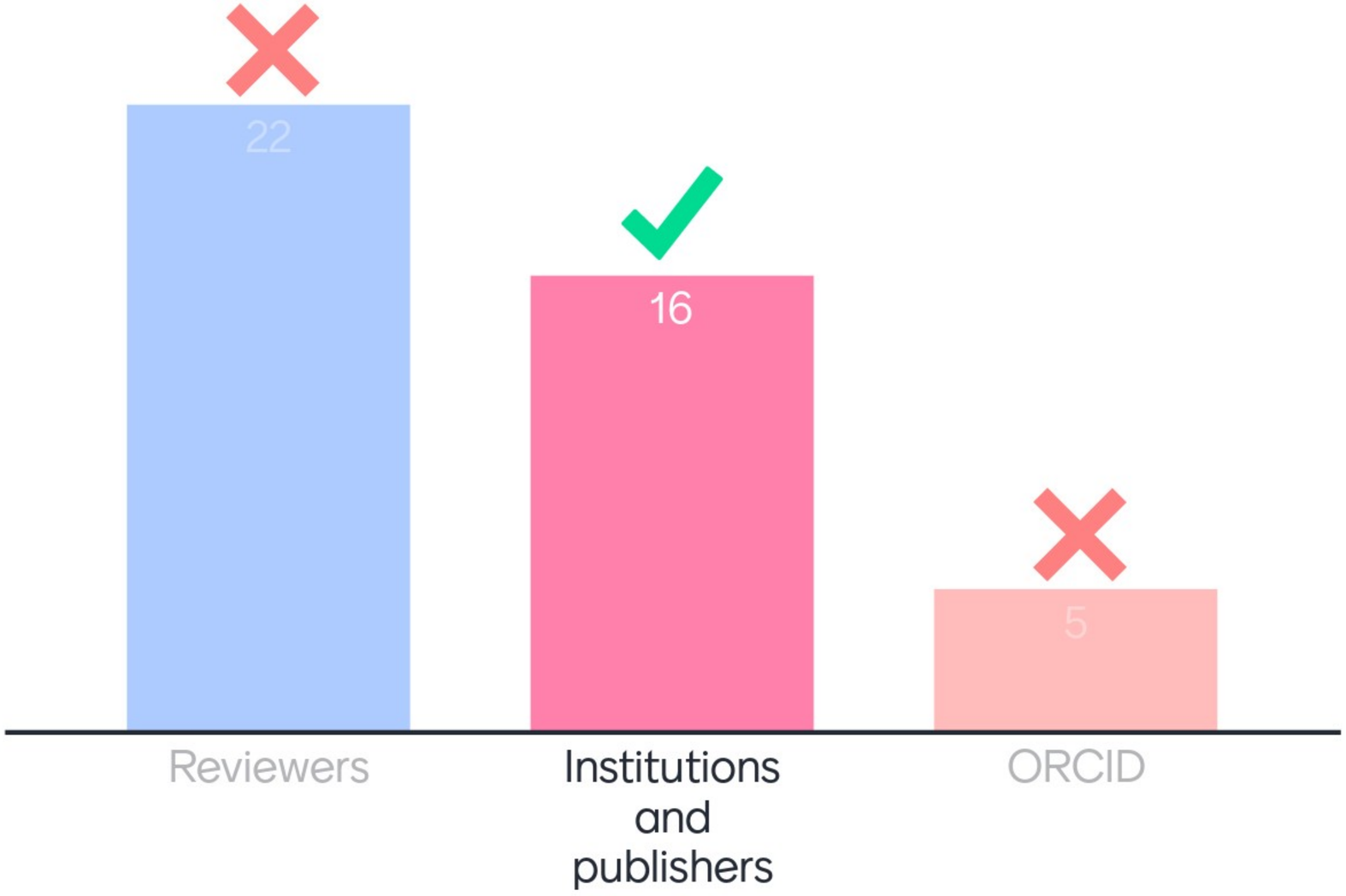

43

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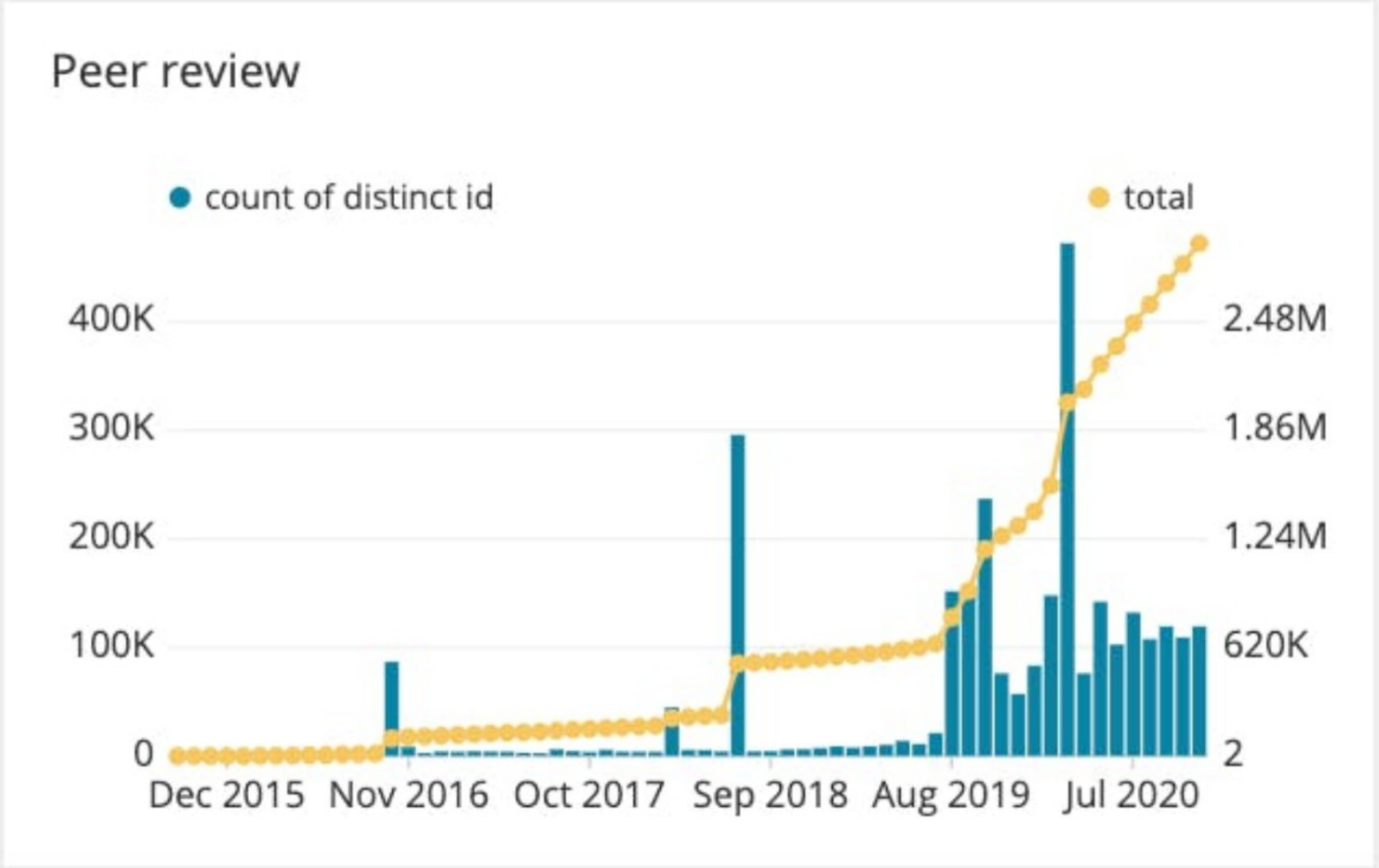

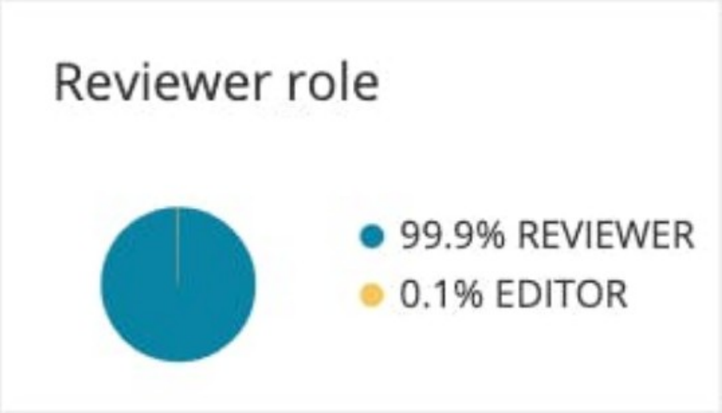

Some data: Peer Review in ORCID

1

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client name	reviews	records
Publons	1,519,671	43,984
American Chemical Society	639,151	82,540
Springer Nature	548,286	266,972
Editorial Manager Journals at Wiley	50,103	22,393
Nature Publishing Group	45,617	33,912
F1000	26,209	5,098
PLOS	24,655	19,931
GEMS	18,593	8,903
IGI Global	15,492	2,446
American Society of Civil Engineers	10,793	5,611

Who is adding Peer Reviews?

7

How does the ORCID record (and its schema) evolve?

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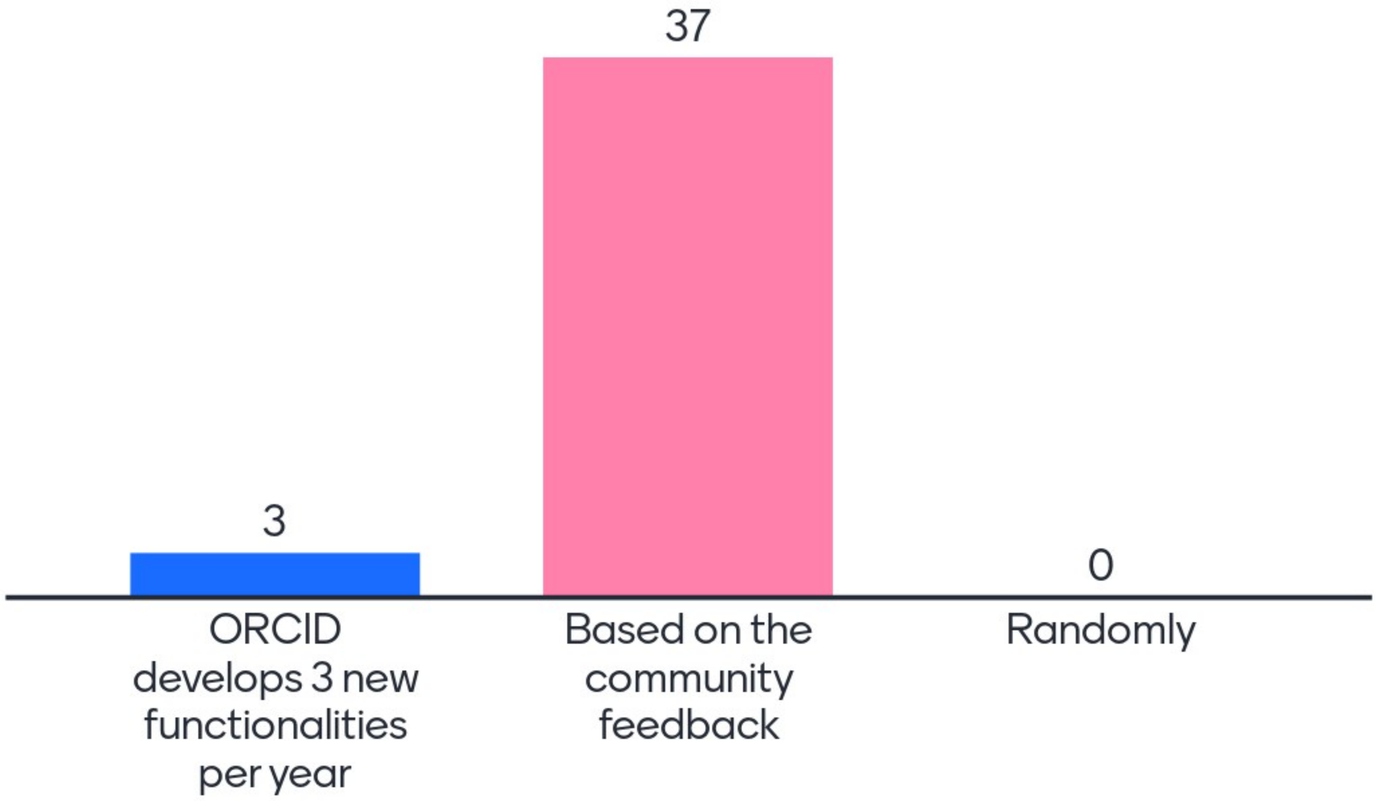


40

Board ORCID Product Roadmap ORCID BC Public AC AH +24 Show Menu

ABOUT THIS BOARD

The Product Roadmap contains requirements we have committed to implementing. Cards move from here to current development.

1

THIS IS A PUBLIC BOARD - PLEASE NOTE THAT IT IS SUBJECT TO CHANGE

The EPIC column contains groups of work that are interdependent. All EPICs stay on this board, link to their children and vice-versa.

The 'scheduled for development' column contains work that will move to current development in the next few cycles. It is limited to 15 cards.

product development Strategy Comms Engagement User experience Tech

Cards must contain WHO, WHAT, WHY and be tagged with the sponsor name and estimate.

EPICs

product development Engagement

EPIC: ORCID Data manager (Assertion tool)

1 1 11 3/4

UI product development

EPIC: Modernize registry UX

1 1

product development

EPIC: ORCID Data platform (improved member reporting)

1 5 20/22

product development

Scheduled for development

Remove website URL validation from QA/Sandbox

3

Add contributor roles to API based on CRediT Contributor Roles Taxonomy

5 1 3 5 GM

Add funded-by relationship type

1 3 1 1 5

UI

Add link to the accessibility statement in the registry footer

3 1 0.5

Change the Registry footer to reflect the change in Brand Guidelines.

7 2 0.5

Create 1 file per email and 1 file for common strings for registry translations

Enhancements

Stop sending notifications when no updates to the item has actually been made

5

Tickets

Hide "Source" information when exporting/printing records - preferably in PDF format

1

Strategy

[HIDDEN] Trial very simple embedded schema.org on public pages (5)

6 5

Engagement

Make orcid-conversion-lib handle the activities file

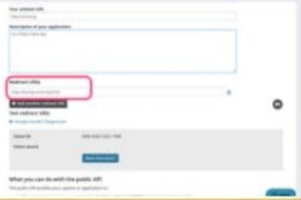
1 5 1

Create a Mailgun report of bounced registration email addresses (8)

8

Enhance SOLR index with more org data

5 2 GN



Bugs

List consortium members alphabetically on our member list webpage

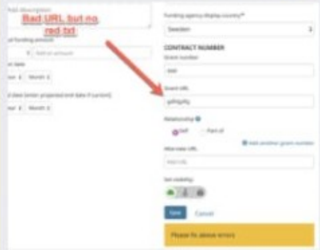
1 2

Identity provider missing from Alternate sign in accounts section

10 3 2

Swagger funding model (3)

3 1 2 3 GN



On both Prod and QA When you add the Funding URL incorrectly it says to correct errors but does not say where. (2)

7 1 2

/read-public with member API swagger doesn't work

1 3

Registry speed up

Revised ORCID colour palette

1 1 5

UI Accessibility Style Guide

Inline link styling

4 1 2 1

Migrate /statistics to orcid-angular (3)

1 3

Loading time UX metrics with Lighthouse. Save report data on spreadsheets.

1

Loading time UX metrics with Lighthouse. Cron Job on a CI machine.

1

Migration

Account feature: Improve trusted individual (account delegate) workflow (8)

48 10 1 8

On hold

Provide the ability for member integrators to update and delete items even when permission has been revoked

15 1 2 8 GN

Trello Product Roadmap

1

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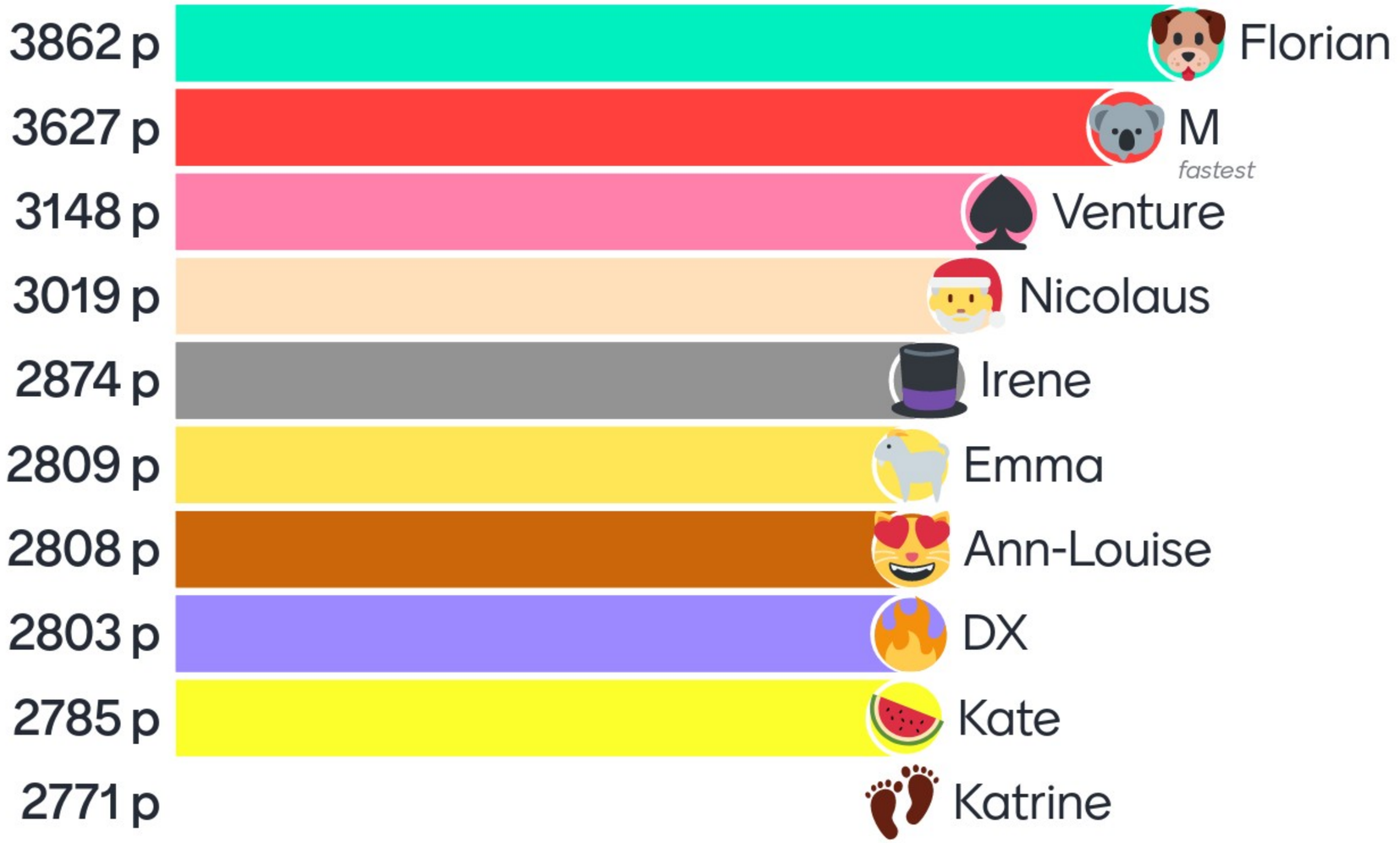
Join our Product Interest Group

- When? December 7 at 16:00 CET
- Who? Open for everyone
- What? update on 2020 projects and 2021 priorities
- Where? https://bit.ly/3lDglJs

5

Leaderboard



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Remember to use PIDs in research!

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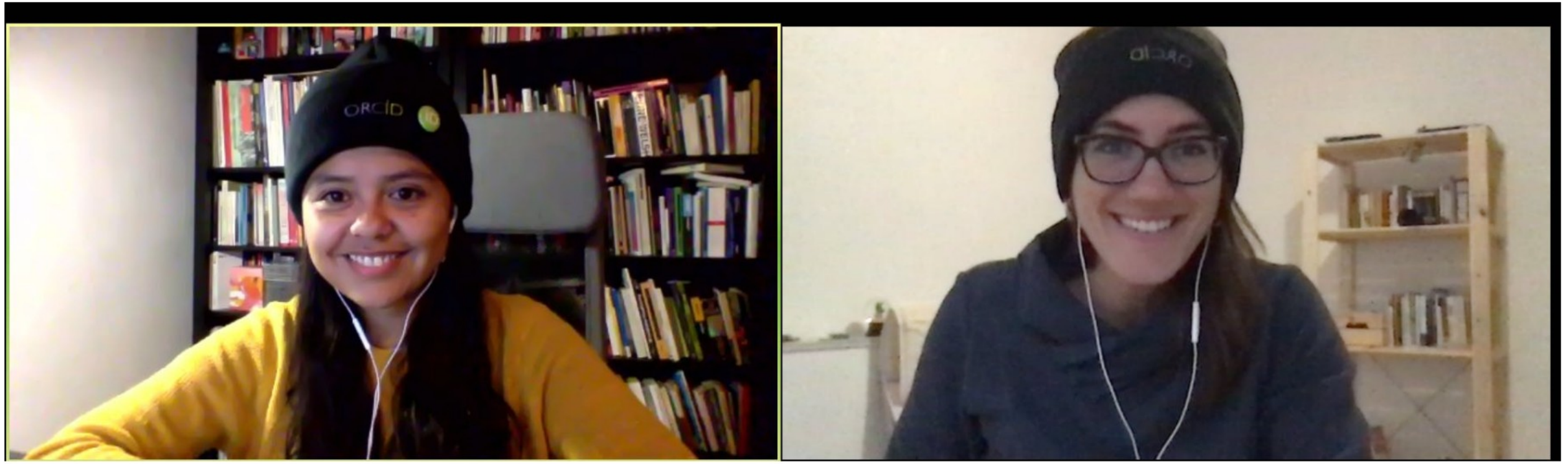
Questions?

The floor is yours!

4



Thank you for participating

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Contact us!

- Gabriela Mejias (@gabioshka, g.mejias@orcid.org)
- Paloma Marín-Arraiza (@pmarrai, p.arraiza@orcid.org)

5