



PEER REVIEW WEEK

**TRUST IN PEER REVIEW
SEPTEMBER 21-25, 2020**

BMJ

BMJ Journals - ORCID integration

Sam Parker

Publishing Systems Manager, BMJ Journals

BMJ Journals and The BMJ

- BMJ Publishing Group, a global healthcare knowledge provider and publisher of over 70 peer-reviewed, open access and hybrid journals:
 - *Medical and allied science titles.*
 - *55,000+ annual submissions.*
 - *300,000+ reviewer invites sent out annually.*
 - *7,000+ annual submissions for our flagship journal **The BMJ**.*
- Prominent increase in submissions/fast-tracking since COVID.
 - *Submissions directly integrated with MedRxiv.*
 - *Editorial and peer review processes prioritised.*

BMJ Journals

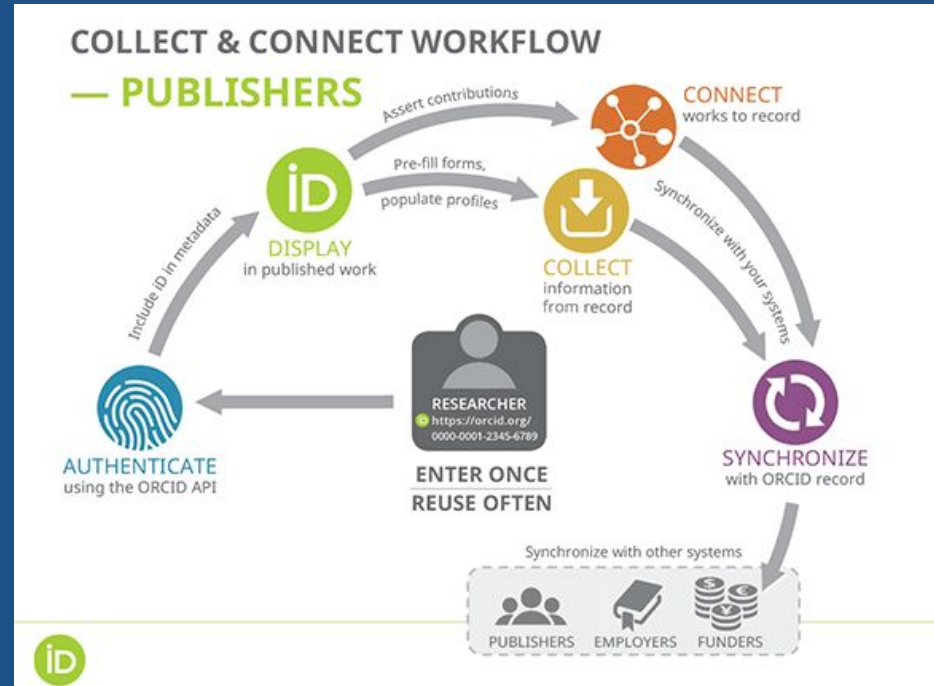




ORCID policies at BMJ

- All BMJ journals publishing primarily original research mandate ORCID iDs for all submitting authors.
- ORCID iDs published as part of the final article to promote discoverability and credit.
- Co-authors and reviewers strongly encouraged to connect their ScholarOne accounts to ORCID.
- All users can sign in directly via ORCID API to our submission systems using an ORCID iD, or create a new account link using ORCID.

BMJ Journals - ORCID Roadmap



BMJ Journals ORCID Roadmap

- Authenticate

- *Provide an ORCID-branded button and link for collecting authenticated iDs.*
- *Authenticate iDs during collection (via API).*
- *Clearly explain why we collect iDs.*



A screenshot of the BMJ Journals login interface. It features a 'Log In' title at the top. Below it are two input fields: 'User ID' and 'Password'. To the right of the 'User ID' field is a link 'Create an Account'. To the right of the 'Password' field is a link 'Reset Password' and an eye icon for toggling password visibility. A blue 'Log In' button is positioned below the password field. At the bottom, there is a button labeled 'Log In With ORCID ID' with the ORCID logo to its left.

ORCID®

Select the appropriate option below to associate an ORCID iD to your account.



[Create an ORCID iD](#)

[Associate your existing ORCID iD](#)

Open Researcher and Contributor ID (ORCID) is a non-profit organization dedicated to solving the long-standing name ambiguity problem in scholarly communication by creating a central registry of unique identifiers for individual researchers and an open, transparent linking mechanism between ORCID and other current author identifier schemes. To learn more about ORCID, please visit <http://orcid.org/content/initiative>.

BMJ Journals ORCID Roadmap


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- Display

- *Publicly display authenticated iDs with the iD icon and name, both online and in print.*
- *Display authenticated ORCID iD in metadata.*

Global health
Original research

Characteristics of registered clinical trials assessing treatments for COVID-19: a cross-sectional analysis 

 Hemalkumar B Mehta^{1, 2}, Stephan Ehrhardt¹,  Thomas J Moore³, Jodi B Segal^{1, 2, 4}, G Caleb Alexander^{1, 2}

[Author affiliations +](#)

Authors

Hemalkumar B Mehta

Department of Epidemiology, Johns Hopkins University Bloomberg School of Public Health, Baltimore, Maryland, USA
Center for Drug Safety and Effectiveness, Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland, USA

 <http://orcid.org/0000-0001-9134-6370> [PubMed articles](#) [Google scholar articles](#)

Stephan Ehrhardt

Department of Epidemiology, Johns Hopkins University Bloomberg School of Public Health, Baltimore, Maryland, USA
[PubMed articles](#) [Google scholar articles](#)

Thomas J Moore

Institute for Safe Medication Practices, Alexandria, Virginia, USA

 <http://orcid.org/0000-0003-0994-836X> [PubMed articles](#) [Google scholar articles](#)

BMJ Journals ORCID Roadmap

- Connect

- *Request permissions to write/update Researchers ORCID records.*
- *Connect works and/or review activity to ORCID records.*
- *Communicate the benefits of this to users.*



- Collect

- *Request, collect, and store permissions for these users, and use this information to keep systems up to date and relevant.*



- Synchronise

- *Continuously collect data from ORCID records to update your systems.*
- *Continuously connect data from your systems to researchers ORCID records.*



Goals and targets



Initial goals

Connecting Reviewers

- Connect our Reviewer peer review activity directly to ORCID records.
- Establish rules around exactly how, when, and what notifications we receive from our submission system.
- Establish rules around exactly how, when, and what we then communicate to ORCID.
- Ensure that Reviewers have the option to opt in/out.
- Be able to create different rules between journals based on publication model.
- Initial proof of concept testing on four designated journals:
 - *BMJ Open*, *BMJ Open Respiratory Research*, *BMJ Paediatrics Open*, and *Thorax*.



Wider goals

Trust and Transparency

- Our journals already have established peer review processes. We can collect ORCID information during these processes, so reviewers should have the opportunity to opt-in and receive credit quickly.
- Furthering trust in peer review - unambiguously link reviewers to their complete, correct, and current output and unique contributions.

Broaden understanding of ORCID

- Thoroughly communicate the user benefits of using ORCID.
- Establish Author and Reviewer ORCID accreditation as a best practice.

A learning experience

- Widen knowledge of publishing concepts internally.
- Serve as a proof of concept of what we *can* package and deliver ourselves.

Implementation



Implementation

- Worked closely with both ORCID and ScholarOne to ensure that we were correctly **authenticating** and **collecting** appropriate data during the peer review process.

***/authenticate** - This scope will authenticate the user and return the user's ORCID iD in the access token response. This scope carries no ongoing permission to the user's ORCID record.*

***/read-limited** - Access tokens with this scope will be able to read information from the user's record that is marked as public or limited.*



Implementation

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***/authenticate** - This scope will authenticate the user and return the user's ORCID iD in the access token response. This scope carries no ongoing permission to the user's ORCID record.*

***/read-limited** - Access tokens with this scope will be able to read information from the user's record that is marked as public or limited.*

***/activities/update** - Access tokens with this scope will let the member add items to the user's ORCID record in the works, funding and affiliations sections. It will be most useful to members who would like to post an article to the user's record once it has been published.*


***/person/update** - Access tokens with this scope will be able to edit the personal information on the user's ORCID record, such as adding an additional email address, keywords, or other versions of the user's name.*

Implementation

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Access type

Add/update other information about you (country, keywords, etc.) 

Read your information with visibility set to Trusted Parties

Add/update your research activities (works, affiliations, etc)

Get your ORCID iD

Implementation

- Added specific custom questions and documentation during the review itself to ensure that reviewers directly give permission to be accredited for an individual review (regardless of their previous 'opt in' account creation).

Name, Keywords, Institution, Roles	Current / Past 12 Months	Days Since Last Review	Average R-Score	Add /Grant REV Role
Parker, Sam. (thorax Office)				
BMJ	0 / 0	0		<input type="checkbox"/>
https://orcid.org/0000-0001-5237-167X				
Roles: AU REV EPA CONFIG				

ORCID accreditation

* *BMJ are working with [ORCID](#) to recognise the importance of the reviewer community. Reviewers are now able to share their activity by connecting their review to their ORCID account to gain recognition for their contributions.*

Only the Journal title will be uploaded into the reviewer's ORCID record, along with the date the record was uploaded; there is no identification of the article's title or authors. Records are uploaded once a final decision (accept or reject) has been made on the article.

Would you like to be accredited by [ORCID](#) for this review?

☐ Yes

☐ No

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The ORCID iD associated with your account is:

[0000-0001-5237-167X](https://orcid.org/0000-0001-5237-167X)

[✕ Remove](#) | [Update](#)

Save as Draft

Save & Print

Submit Review



Implementation

- Ran a series of sprints to leverage the ScholarOne API to ensure that we could receive notifications at the point of a paper reaching a decision.
- We wanted to be able to use the checks and balances from our previous steps to ensure that information we were sending out to ORCID could be trusted, and that reviewers could trust *us* with accreditation.
- Three steps of validation:
 - *ORCID iD 'authorisation'*
 - *Reviewer 'opt-in' during review*
 - *Editor* *'decision'*
- Established internal processes to parse this decision information for papers with ORCID validated reviewers.
- Established internal processes to directly **connect** ORCID profiles of those reviewers with their peer review activities on decision (regardless of acceptance, rejection, revision...), and validating this data package with ISSNs (for journals) and ORCID Scopes (for users).
- From **decision** to **record connection**, this process takes on average <1 minute.

What does this mean for ORCID records?

- As a proof of concept our first goal was to make sure that this *actually works* - so we started with an MVP of sending required amount of data suggested by ORCID.

Role: The individual's role in the review process, e.g. reviewer

Group identifier: The group ID that is used for aggregation purposes - in this case our journal eISSN

Convening organisation: The organisation organising the review - (us, BMJ)

Review data: This data refers to the review activity and not what was reviewed

Date: The date the review was completed. This can be broad (2008) or specific (2010-12-10)

Review identifier: A unique, resolvable identifier provided by the source of the review itself. For MVP, we supply non-identifiable data.



The screenshot shows a web interface for peer review activity. At the top, there's a header bar with a dropdown menu showing 'Peer review (4)' and buttons for '+ Add peer review' and 'Sort'. Below this, a section titled 'review activity for BMJ open ophthalmology.(1)' includes icons for users, a refresh button, and a lock icon. Underneath, it says 'journal' and 'ISSN : 2397-3269'. The main part of the interface is a table with columns: 'Review date', 'Type', 'Role', and 'Actions'. There is one row of data for the year 2019, with 'review' as the type and 'reviewer' as the role. The source is listed as 'Source: Clarivate Analytics - ScholarOne Manuscripts' and it is marked as a 'Preferred source'. The actions column contains links for 'show details', 'view', and a trash icon.

Review date	Type	Role	Actions
2019	review	reviewer	show details view

Source: Clarivate Analytics - ScholarOne Manuscripts ★ Preferred source

What does this mean for ORCID records in the future?

- Going forward, we're soon to be in a position where we can adapt our internal processes to package and supply additional content, and provide a much larger narrative behind the review of a paper by establishing set rules based on the requirements and peer review model of our individual journals.

Review subjects/Names: *What's actually been reviewed.*

Review URL: *A link to a representation of the review or review record online.*

External Identifiers: *Such as DOIs and URLs*

Peer review (1)

IT Sor...

review activity for F1000Research(1)

journal, F1000Research

Review date	Type	Role	Actions
2017-08-08	review	reviewer	hide details view
Review identifier(s)			
DOI: 10.5256/f1000research.13189.r24792			
Convening organization			
F1000Research (London, GB)			
Review subject			
The new alchemy: Online networking, data sharing and research activity distribution tools for scientists [version 1; referees: 1 approved] (journal-article)			
F1000Research.			
DOI: 10.12688/f1000research.12185.1			
Added	Last modified		
2017-08-18	2017-08-18		
Source: F1000		★ Preferred source	

Retrospective (so far!)

Where do we stand currently?

- Reviewers across four BMJ journals can now opt in to automatically update their ORCID reviewer profiles and instantly receive credit on decision for their reviewer work.
- Over **700 individual, validated accreditations** since we began live rollout, with consistent growth as users begin to become ORCID authorised as standard, and start opting-in. Currently averaging at 100 accreditations p/week, over four journals.





What comes next?

- Go live across all journals and develop further.
 - COVID has definitely taken priority - but a **full portfolio rollout** (of MVP updates) scheduled by close of 2020.
 - Broaden the scope of the project (wider rules to accommodate for individual journal needs, CASRAI).
 - Widen reporting and feedback processes, to better understand the requirements and needs of reviewers.
- Continue to widen knowledge.
- Continue to work towards overarching peer review appreciation and OPR based work.

Thank you

Sam Parker
Publishing Systems Manager

samuel.parker@bmj.com



BMJ