

New Crossref Services

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New Crossref Services

• Preprints

http://blog.crossref.org/2016/05/members-will-soon-be-able-to-assign-crossref-dois-to-preprints.html

Early Content Registration

http://blog.crossref.org/category/content-registration

Linked Clinical Trials

http://blog.crossref.org/2016/05/linked-clinical-trials-are-here.html



Preprints

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Conditions Only



The central source for reference linking

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This Web site, which is under construction, has been posted for informational purposes. We hope you will check it

oben in the coming months to learn more about our developing service.

"Cannot assign **Crossref DOIs to** duplicative works"

Except for... Reprints Translations **Other exceptions**

"publish ahead of print" "online ahead of print" "article in progress" "article in press" "online first" etc.

"Cannot assign **Crossref DOIs to** duplicative works"





bioRxiv beta THE PREPRINT SERVER FOR BIOLOGY

New Rules

A Crossref DOI assigned to an accepted manuscript, must be assigned by the CR member who accepted the manuscript for publication.

When a Crossref DOI is assigned to an accepted manuscript (AM), the same Crossref DOI should be used for the version of record (VOR) as well.

Preprints may be assigned Crossref DOIs by the Crossref member hosting the preprint.

Preprint DOIs must link to published version DOI if/when there is one available

Preprint versions must be labelled clearly as such

Published DOIs may link to preprint version if it has a DOI

Crossref tools and APIs will privilege later version

Example

- bioRxiv were on the working group at Crossref looking into this change
- They assign Crossref DOIs to preprints (and clearly label them)
- They link to the accepted manuscript on the publisher site via the DOI of the accepted manuscript

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Abstract

Mixed models have become the tool of choice for genetic association studies; however, standard mixed model methods may be poorly calibrated or underpowered under family sampling bias and/or case control ascertainment. Previously, we introduced a liability threshold based mixed model association statistic (LTMLM) to address case-control ascertainment in unrelated samples. Here, we consider familybiased case-control ascertainment, where cases and controls are ascertained nonrandomly with respect to family relatedness. Previous work has shown that this type of ascertainment can severely bias heritability estimates; we show here that it also impacts mixed model association statistics. We introduce a family-based association statistic (LT-Fam) that is robust to this problem. Similar to LTMLM, LT-Fam is computed from posterior mean liabilities (PML) under a liability threshold model; however, LT-Fam uses published narrow-sense heritability estimates to avoid the problem of biased heritability estimation, enabling correct calibration. In simulations

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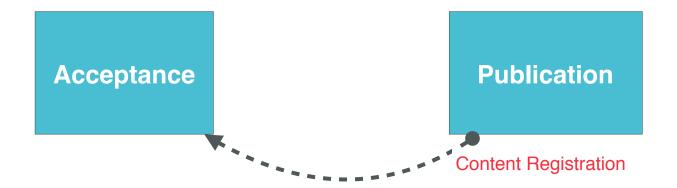
What's next?

- ~ August 2016 Crossref will facilitate linking in article metadata between the preprint and the accepted manuscript (and vice-versa)
- Tools will be put in place to support this
- Preprint publishers will be made aware of the new rules



Crossref Content Registration

Currently: Registration at Publication



Why Early Content Registration?

Broken links from unregistered DOIs undermine trust in persistent links and availability of content

Publishers-

- cannot meet funder mandates that focus on acceptance point for reporting
- advance publicity & press leave out DOIs or lead to broken links
- **Researchers** cannot provide evidence of all publications in grant and employment applications
- Funders & institutions cannot fully track research they support



Coming: Registration at Acceptance

Acceptance Publication

Early Content Registration

- DOI is 'live'
- Intent to publish statement displayed (Crossref-hosted)

Full Content Registration

- DOI resolves to publication
- Intent to publish statement is replaced

Withdrawals

Publication record information:

- publication status
- publication history
- ORCIDs & contribution (CReDiT)
- clinical trial information
- rights or licensing information
- funding information
- peer review processes



Metadata Requirements

Must include	Should include	May include
• DOI	• Funding information (Open	Publisher logo
Date of acceptance	Funder Registry)	• Custom "intent to publish"
Publisher name	ORCID iDs	statement
Journal/Book/Conference	• License	Publication title
title	Author affiliation	• Item title (e.g. article title)
• "Intent to publish" statement	• ISSN/ISBN	
(provided by publisher or		
Crossref in its absence)		



Linked Clinical Trials

Linked Clinical Trials

- Deposit of registered clinical trial numbers (CTNs) referenced in articles
- Links to other articles that also reference the same CTN
- Pre-results, results, post-results
- Display and navigation within CrossMark

• A first!

Example

ClinicalTrials.gov registry number starts with "NCT" followed by an 8-digit number

e.g.: NCT0000419

CrossMark

An Occupational Therapy intervention for residents with stroke-related disabilities in UK Care Homes (OTCH): cluster randomised controlled trial with economic evaluation Crossref DOI link: <u>http://doi.org/10.3310/hta20150</u> Published: 2014-09-12

Update policy: http://dx.doi.org/10.3310/crossmarkpolicy

> Authors

Clinical Trials

Clinical trials referenced in this document

isrctn00757750 at ISRCTN.org

Other documents that mention this clinical trial

An Occupational Therapy intervention for residents with strokerelated disabilities in UK Care Homes (OTCH); cluster randomised controlled trial with economic evaluation

CrossMark

Update policy:

http://dx.doi.org/10.1371/journal.pone.corrections_policy

> Authors

Clinical Trials

Clinical trials referenced in this document

nct00974740 at ClinicalTrials.gov

Documents that mention this clinical trial

Residual Beta Cell Function in Newly Diagnosed Type 1 Diabetes after Treatment with Atorvastatin: The Randomized DIATOR Trial The Systemic Immune Network in Recent Onset Type 1 Diabetes: Central Role of Interleukin-1 Receptor Antagonist (DIATOR Trial) Improved Preservation of Residual Beta Cell Function by Atorvastatin in Patients with Recent Onset Type 1 Diabetes and High CRP Levels (DIATOR Trial)



About CrossMark

Current Participants

BioMed Central

• BMJ

National Institute for Health Research (NIHR)

• PLOS

Thank You

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