

# Agenda

1	OA Publishing Services intro
2	Author Journey
3	Article Approval Service (AAS)
4	Outlook - AAS improvements

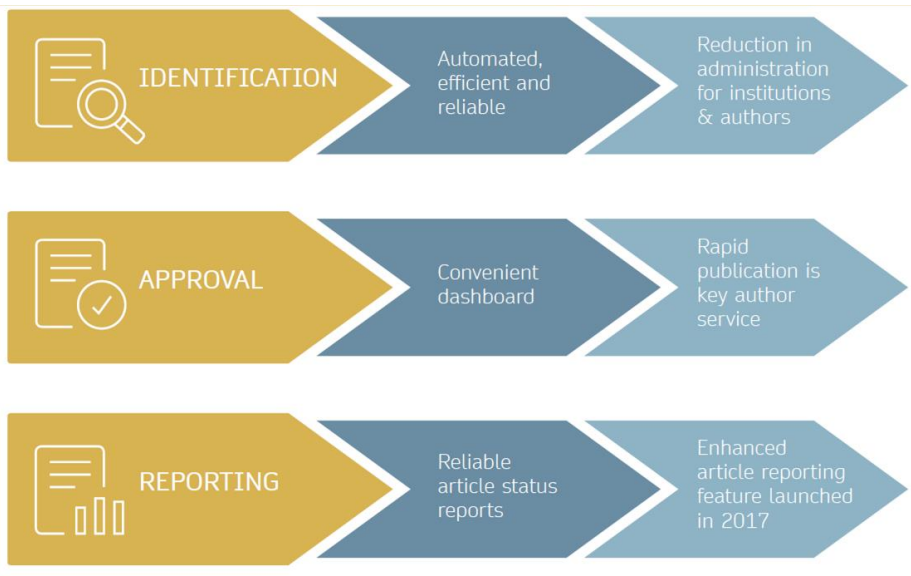
# OA Publishing Services intro

# 1.0

# OA workflows: More than a platform

## A value proposition customers are paying for

Reliable, customizable, efficient workflow, **reducing costs & admin efforts** for authors and institutions.



# Open access publishing process



## Submission

Manuscript is submitted  
Submitting author provides e.g. **FundRef** and **ORCID** information, article category is assigned  
**Peer review** is conducted in the following.



## Editorial Acceptance

**After editorial acceptance**, the corresponding author is able to identify him/herself as affiliated to a member institution



## Identification

**OA agreement specific eligibility check:** in-scope journals, article types  
**Corresponding author identifies him/herself** as connected to a member institution



## Verification

Identified article is sent to the member institution's **article approval service** accounts for **final verification of eligibility**



## Publication

Eligible article is **published immediately open access**  
**OA Funding note** added in article acknowledgments (if applicable)

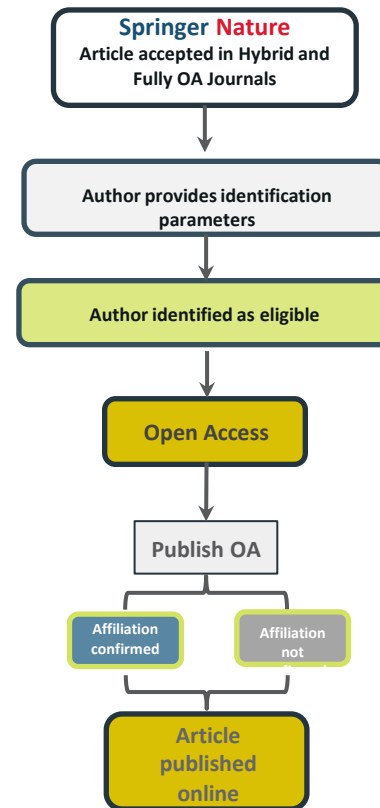
# Author journey after editorial acceptance

Once an article has been editorially accepted, authors will be able to identify themselves as being affiliated with a relevant institution.

Once an author's eligibility is confirmed by the institution, the article is published open access.

In case of rejection, the author has the option to publish open access with their own funding or publish traditionally non-open access.

To find lists of eligible journals, please visit our Institutional Agreements website:  
[www.springernature.com/gp/open-research/institutional-agreements/oaforsweden](https://www.springernature.com/gp/open-research/institutional-agreements/oaforsweden)






# Author/article identification

After article acceptance, the corresponding author receives an invitation to complete the publication process for the article and the authors are able to identify themselves:

Corresponding author/article identification parameters:

1. Selected institution
2. Email domain recognition
3. IP recognition

Selected Institution 	Institutional Email 	Location 
Please input your institutional affiliation when prompted.	Please use your institutional email address.	Please complete the form while within your institution's network.

The hierarchy of identification parameters is in the above order: 1, 2, 3

# Author/article identification

An author identifies themselves by using the following identification parameters:

For example:

1. Selected institution: Karolinska Institute
2. Email domain recognition: University of Vienna
3. IP recognition: University College London

-> 'Selected institution' is the strongest parameter. The author is identified as being affiliated with the Karolinska Institute

# Author journey

# 2.0



# Invitation upon article acceptance

Once an article is editorially accepted for publication, the author receives an email with a link to complete the publishing agreement

Authors will also receive an email containing the login link



# Search for your institution I

**Corresponding authors** are asked to type in their institution in the search field and “select their institution”.

Authors should then select the institution from the drop-down list in order for the identification to work.

Authors are also identified via **IP range** and/or an institutional **email domain** in the “background”.

Wording varies slightly for fully open access journals

**SPRINGER NATURE**

## Next steps for publishing your article

### Confirm your institution or university

Dear Dr. Jens Nielsen,

Some articles are eligible for part or full coverage of the open access article-processing charge as part of an institutional agreement with Springer Nature.

[More information about open access agreements here.](#)

Please enter your institution or university below to see if you are eligible.

#### Search for your institution or university

Need help? [Contact us.](#)

### Your article

Article title  
Demo Manuscript 043

DOI  
10.0009/s1234-567-9709-z9999

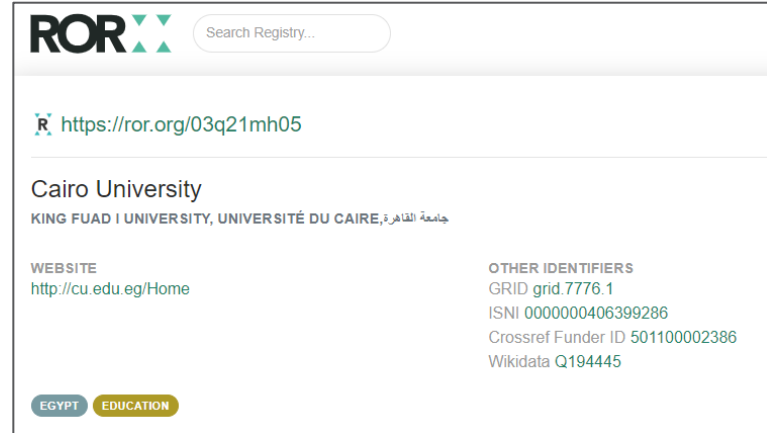
Article type  
Abstract

Journal Name  
Review of Derivatives Research

# Search for your institution II

To help ensure as many authors as possible are able to identify themselves, Springer Nature retains lists of name variants for every eligible institution.

We have integrated the Research Organization Registry into our systems to help **cover as many different name iterations for every institution as possible.**



The screenshot shows the ROR profile for Cairo University. At the top is the ROR logo and a search bar. Below the logo is a link to the institution's ROR page: <https://ror.org/03q21mh05>. The institution's name is listed as "Cairo University" with its Arabic name "جامعة القاهرة" and French name "KING FUAD I UNIVERSITY, UNIVERSITÉ DU CAIRE" below it. The website is listed as <http://cu.edu.eg/Home>. On the right, under "OTHER IDENTIFIERS", are the GRID [grid.7776.1](#), ISNI [0000000406399286](#), Crossref Funder ID [501100002386](#), and Wikidata [Q194445](#). At the bottom, there are two tags: "EGYPT" and "EDUCATION".

# Select your affiliation

If the author is identified as eligible, a **welcome message** appears, which provides further information on the OA agreement.

Authors are informed on how they were identified.

## Eligible article types:

- OriginalPaper
- ReviewPaper
- BriefCommunication
- ContinuingEducation

## Eligible license types:

- CC-BY
- CC-BY NC

## Next steps for publishing your article

### Confirm your eligibility status

Dear Dr. Jens Nielsen,

Thank you for confirming your institution or university. Based on your selection, you have been identified as affiliated to the institution or university below.

Open access at no cost to you

You have identified yourself as affiliated with University of Zurich. The agreement between your institution and Springer Nature enables you to publish your article open access at no cost to you.

On [www.springer.com/oaforswitzerland](http://www.springer.com/oaforswitzerland) you will find specific information on the agreement.

Please note: Charges for additional options (e.g. color in print, posters) are not covered by this agreement. If you have any further questions please get in touch with your institution.

I want to publish my article open access, with my fees covered under the agreement between Springer Nature and my institution.

**Yes, submit for approval**

✓ No, I want to publish my article without open access

Not your institution or university?

Need help? [Contact us.](#)

### Your article

Article title:  
Demo Manuscript 043

DOI:  
10.0009/s1234-567-9709-z9999


Article type:  
Abstract

Journal Name:  
Review of Derivatives Research

# Publishing model default

As your agreement is default Open Access, the author will only be able to submit for approval or search again for a different institution.

**Affiliation confirmed**  
  
Dear TEST Springer TEST Nature,  
  
Thank you for confirming your affiliation.  
  
As your institution has an agreement with Springer Nature, the article-processing charge (APC) for your article may be partially or fully covered. [More information about Open Access agreements here.](#)

**Open Access at no cost to you**  
  
You have identified yourself as affiliated with Mid Sweden University. The agreement between your institution and Springer Nature covers the open access fees directly, enabling you to publish your article open access at no charge.  
  
On <http://www.springernature.com/oaforSweden> you find specific information on the agreement with Sweden.  
  
If you have any further questions please get in touch with your institutional contact listed on the webpage.  
  
[Need help? Contact us](#)

**Yes, submit for approval**

Not your institution or university?  

Search again

# Awaiting institutional approval

Approval request has been submitted to the selected institution

**SPRINGER NATURE**

Next steps for publishing your article


**Waiting for approval**

Dear Dr. Jens Nielsen,

Based on your selection, you have been identified as affiliated to the institution or university below.

As they have an agreement with Springer Nature, the open access article-processing charge (APC) for your article may be partially or fully covered.

More information about open access agreements [here](#).



Humboldt-Universität zu Berlin (1034)

The institution will determine if your article is eligible under this agreement.

You will be notified by email , normally within 5 working days, once this step is complete.

Need help? [Contact us](#).

**Your article**

Article title  
TEST JOBSHEET JJA43

Article ID  
10.8888/s41371-292-9677-1212-JJA43

Article type  
Abstract

Journal Name  
Journal of Human Hypertension

# Affiliation is confirmed

If the author is confirmed as being affiliated with an eligible institution and will be covered under the OA agreement, they will receive confirmation of this

An email confirming this is also sent to the author


## Verify your affiliation

### Verification complete

Dear Amrita Khamkar,

Your article is eligible and has now been approved for the full coverage of the article-processing charge (APC) as part of your institution's agreement. [More information about Open Access agreements here.](#)

Your article will now be published at no cost to you.



**University of California Berkeley**

Our production team will now take the next steps publication of your article and contact you if they already done so.

[Need help? Contact us](#)

### Progress

- Affiliation
- In Progress
- Complete**

**SPRINGER NATURE**

Dear Dr. Jens Nielsen,

Your affiliation has been confirmed by University of Zurich and your article will now be published at no cost to you.

Before we can proceed with the publication of your article in Review of Derivatives Research, we first need you to complete the appropriate publishing agreement.

Please follow this link to do so: <https://payment-and-rights-staging.snpaas.private.springernature.com/workflow/da3fd305-53c9-413c-958e-0fab46a24228>

With kind regards,

Springer Nature Author Service

If you have any questions, please do not hesitate to contact our Author Service team at [OA.Verification@springernature.com](mailto:OA.Verification@springernature.com)

# Affiliation has not been confirmed

If the institution cannot confirm the author's affiliation, the author is informed that the agreement will not cover the open access publishing costs

The author can pay the open access fee or, unless it is a fully open access journal, decide to publish subscription instead

### Verify your affiliation

**Verification complete**

Dear Amrita Khamkar,

Unfortunately your article has not been approved for article-processing charge (APC) coverage under your institution's agreement. Find out more about open access agreements [here](#).

**University of California Berkeley**

Proceed below to display the APC due and payment applicable.

*Please note: If you have already been granted a discount waiver, this is still applicable.*

[Proceed](#)

[Need help? Contact us](#)

**Progress**

- Affiliation
- In Progress
- Complete**

**Your article**

Article title

**SPRINGER NATURE**

Dear Dr. Jens Nielsen,

We are sorry to let you know that your institution's Approval Manager has declined for the article-processing charge for your article to be covered by the agreement between your institution and Springer Nature.

To proceed with the publication of your article, we need you to complete the appropriate publishing agreement and arrange payment for any associated publication charge (if applicable).

Please follow this link to do so: <https://payment-and-rights-staging.snpaas.private.springernature.com/workflow/fed6fbdc-0e9d-46e7-b014-f2d3ea36e9d9>

With kind regards,

Springer Nature Author Service

If you have any questions, please do not hesitate to contact our Author Service team at [OA.Verification@springernature.com](mailto:OA.Verification@springernature.com)



# Publication I

After the author completes the publication agreement, the article will be published

For some agreements, your institution will be acknowledged in the published article through a funding note.

## Funding

Open Access funding provided by Karolinska Institute.

 SpringerLink

Open Access | Published: 07 January 2021

### The 2010 Horizontal Merger Guidelines After 10 Years

[Joseph Farrell](#) & [Carl Shapiro](#) 


[Review of Industrial Organization](#) (2021) | [Cite this article](#)

237 Accesses | 1 Altmetric | [Metrics](#)

#### Abstract

This paper introduces the impact of the

On August 19, 2021, the Federal Trade Commission (FTC) issued new horizontal merger guidelines. <https://www.ftc.gov/2021/08/2021-08-19-ftc-issues-new-horizontal-merger-guidelines>


 BMC Part of Springer Nature

## Arthritis Research & Therapy

[Home](#) [About](#) [Articles](#) [Submission Guidelines](#)

Research article | Open Access | Published: 18 January 2021

### Is gene expression among women with rheumatoid arthritis dysregulated during a postpartum flare?

[Matthew Wright](#), [Mette K. Smed](#), [J. Lee Nelson](#), [Jørn Olsen](#), [Merete L. Hetland](#), [Vibeke Zoffmann](#) & [Damini Jawaheer](#) 

*Arthritis Research & Therapy* **23**, Article number: 30 (2021) | [Cite this article](#)

119 Accesses | [Metrics](#)

# Publication II

After publication, the author will receive an email containing information about the respective OA license

This email explains:

- General information about the article
- The specific license in use (CC-BY or CC-BY-NC)
- How the author can share their article
- Information on announcing and citing the article
- Extra services SN provide for authors

The email also contains a link to the online version of the published article and an online PDF copy

SPRINGER NATURE

## Congratulations

Dear corresponding author

We are pleased to inform you that your article has just been published:

### Title

cc by article

### Journal

Journal of Human Hypertension

### DOI

10.1234/1D9A10E4-6B8A-402A-A619-80D82CA8E2FA

### Publication Date

2020-11-27

Your article is available online here <https://link.springer.com/article/10.1234/1D9A10E4-6B8A-402A-A619-80D82CA8E2FA> or as a PDF here <https://link.springer.com/article/10.1234/1D9A10E4-6B8A-402A-A619-80D82CA8E2FA.pdf>.

Your article is published under the Creative Commons Attribution license which allows users to read, copy, distribute and make derivative works, as long as the author of the original work is cited. You may self archive this article in any location of your choice, including on your own website, an institutional repository or funder's repository and make it publicly available immediately.

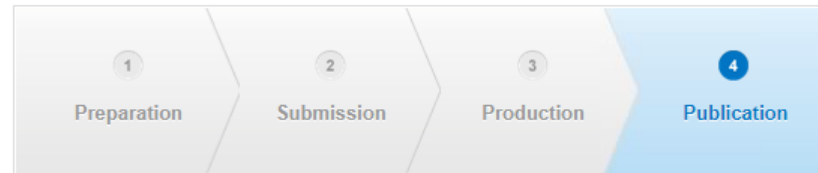
### How can I share my article?

Your final article (Version of Record) may be shared anywhere, at any time, by you or by anyone providing they observe the terms of CC BY and credit you as author, as described above.

# Support for authors

Authors can find contact details for further support on:

- Open Access System Solution platform
- In the author helpdesk
- And on: <https://www.springernature.com/gp/open-research/institutional-agreements>



# Article Approval Service

# 3.0

# Article Approval Service - Overview

- After the author completes the process, the article is sent to the AAS for **verification** by the **Approval Manager**.
- Allows Approval Managers from the institutions to have access to all articles pending verification.
- Approval Managers can **approve** or **reject** articles and **view details** of each manuscript.
- Reliable and user-friendly service tool for institutions to verify articles for publication in Springer Nature hybrid journals.
- Articles that are published in journals that do not run on the standard workflow are manually inserted to the AAS for verification.

# Email notification

Sample email notification once an article reaches the AAS for verification by the Approval Manager

**SPRINGER NATURE**

## **Article Approval Service**

### **New article available for verification**

Dear Approval Manager,

The below article is currently awaiting verification from 'Örebro University'

**Article:** Email Template Tests - 0123456789

**Corresponding Author:** Dwayne Dowding

**DOI:** 9b59a9b5-88e1-4fd1-a095-a3d09df4b83f

Please visit your article approval service <https://article-approvals-staging.apps.dev.dc.springernature.com/open> and verify the article at your earliest convenience to avoid delays in publication.

With kind regards,  
Open Research support

If you have any questions, please do not hesitate to contact us at  
[oa.verification@springernature.com](mailto:oa.verification@springernature.com)

# Article Approval Service

Please follow below link to login:

<https://oa-approval.springernature.com/>

Please follow this link to register your details:

(<https://login.springer.com/public/gp/login>)

If you already have an account registered, you will be able to use your current login credentials and do not need to register again.

On the “Welcome” page, you will be able to access information on:

- How to approve and reject articles
- How to forward articles
- How to run reports



# Article Approval Service

Articles awaiting verification will appear on the 'Open' page. This page will show the author name and article title, and will indicate which of the identification parameters the author has matched.

You can click "More details" to view further information about each article

SPRINGER NATURE [About](#) | [Contact us](#) | [Log out](#)

## Article Approval Service

Logged in as [redacted]

10 Open 49 Approved 0 Rejected Reporting

Sort By Oldest first

Hybrid 2019-12-24

Universität Hamburg (1037)

[redacted]

phenotype of TOR1AIP1-associated nuclear envelopathies

✓ Selected - Universität Hamburg (1...

More details

Hybrid 2020-01-04

Ruprecht-Karls-Universität Heidelberg (1026)

[redacted]

with intraoperative cone beam CT in unstable syndesmotic injuries

✓ Selected - Ruprecht-Karls-Universi...

More details

Hybrid 2020-01-06

Universitätsklinikum Heidelberg (8914)

[redacted]

versus robotic-assisted rectal resection: a systematic review and meta-analysis

✓ Selected - Universitätsklinikum He...

More details



# Article Approval Service

## Article and author metadata

This page contains all the necessary information for an institution to verify the eligibility of the author and article, such as:

- Corresponding author information
- Article title
- Article type
- Journal type and license
- DOI

SPRINGER NATURE About | Contact us | Log out

### Article Approval Service

Logged in as [redacted]

9 Open 4250 Approved 190 Rejected Reporting

[Open list](#) > Approval request (Open)

Uppsala University

---

Hybrid

---

**Progress**

Requested 2019-10-10

Decision pending...

**Corresponding Author**

Name

---

Institution

Department

---

Email

ORCID

---

**Author identified by**

Selected institution ☒ Uppsala University

Author email ☒ Uppsala University

IP address ☒ Uppsala University

**Article grants**

FundRef

Grant number

---

**Article**

Licence type CC BY

---

Article title

---

Article type

Manuscript ID

DOI

APC

---

Journal

# Article metadata I

**SPRINGER NATURE** [About](#) | [Contact us](#) | [Log out](#)

## Article Approval Service

Logged in as **readaccess13\_deal@springer.com**

13 Open    64 Approved    0 Rejected    Reporting

[Open list](#) > Approval request (Open)

**Ruprecht-Karls-Universität Heidelberg (1026)**

Validation or radiological reduction criteria with intraoperative cone beam CT in unstable syndesmotic injuries

Hybrid

**Corresponding Author**

Name: [Redacted]

Institution: [Redacted]

Department: MINTOS-Medical Imaging and Navigation in Trauma and Orthopaedic Surgery  
Ludwig-Guttmannstr. 13, 67071, Ludwigshafen, Germany

Email: [Redacted]

ORCID: [Redacted]

In addition, the dashboard defines how the author identified him/herself during the author identification process

### Author identified by

Selected institution	✓ Ruprecht-Karls-Universität Heidelberg (1026)
Author email	✗
IP address	✗

# Article metadata II

**Author identified by**

Selected institution	✓ Universitätsklinikum Halle (Saale) (8960)
Author email	✗
IP address	✗

**Further institutions (1)**

Institution	Universitätsklinikum Halle (Saale)
Department	Abteilung für Unfall- und Wiederherstellungschirurgie Halle (Saale), Deutschland

If a corresponding author has more than one affiliation stated in the manuscript, the additional affiliations will be displayed under “Further institutions” once the typesetting of the article is completed.

**Contributing Authors (3)**

J. Jarvers	Universitätsklinikum Leipzig Klinik für Orthopädie, Unfallchirurgie und Plastische Chirurgie Leipzig, Deutschland
S. Tschoeke	Klinikum Dortmund Klinik für Wirbelsäulenchirurgie Dortmund, Deutschland

If applicable, co-authors will be listed under the “Contributing Authors” section together with their affiliation(s).

# AAS – Approve and Reject

The Approval Manager **approves or rejects** the eligibility of an article.

The **Forwarding Feature** allows Approval Managers to forward an article to another institution within the Consortium.

Once set up, select the institution to which you wish to forward the verification task from the drop-down list. The institution will receive a notification email, letting them know that the article has been forwarded to them.

[Open list](#) > Approval request (Open)

Ruprecht-Karls-Universität  
Heidelberg (1026)

Article for automated Testing oldaas2  
Hybrid

**Progress**

✓ Requested 2020-01-20

○ Decision pending...

### CONFIRM AFFILIATION

I confirm article is affiliated with  
Ruprecht-Karls-Universität Heidelberg (1026)

**Approve article**

### REJECT OR FORWARD

**Author not affiliated with your institution?**  
Dismiss the article by selecting 'Reject'.  
Note, your decision is final and can not be changed.

**Reject article**

### Forward

Alternatively delegate to a more appropriate institution

Deutsches Krebsforschungszentrum (DKFZ) (1052)

Note, the article will be removed from your open list.

**Forward article**

# Reporting Functionality I

You can download a report by selecting the date range and verification parameter.

The report will include an overview of all “open”, “approved”, and “rejected” articles in the AAS dashboard.

The screenshot shows the 'Article Approval Service' reporting page. At the top, there's a navigation bar with 'Open', 'Approved', 'Rejected', and 'Reporting' tabs. The 'Reporting' tab is active. Below the tabs, the 'Reporting' section prompts the user to 'Select the criteria you require below'. Under 'Verification status', there are three radio buttons: 'Open' (selected), 'Approved', and 'Rejected'. Under 'Period', there are two date input fields: 'From' (26/05/2019) and 'Until' (26/06/2019). At the bottom, a note states 'The report will be generated as a csv file' and a 'Download Report' button is visible.

# Reporting Functionality II

In addition to the report that you can download from the Article Approval Service, Springer Nature will send out monthly summary reports which show the number of articles approved and puts it into the context of the agreement as a whole.

Month	Approved Articles	Mean Monthly Article Allocation	Remaining Mean Monthly Article Allocation	Article Allocation Balance
Month of approval date	Number of articles, both published and unpublished*, approved within calendar month**	Number of articles allocated to customer per year divided by 12	Number of articles remaining from the Mean Monthly Article Allocation	Number of articles remaining from the total number of allocated articles (Allocation maximum = 1500)
January	93	125	32	1407
February	94	125	31	1313
March	103	125	22	1210
April	110	125	15	1100
May	91	125	34	1009
June	97	125	28	912
July	99	125	26	813
August	107	125	18	706
September	109	125	16	597
October	123	125	2	474
November	117	125	8	357
December		125	125	357
<b>Yearly Total</b>	<b>1143</b>			<b>357</b>

# Outlook – AAS Improvements

# 4.0

# AAS improvements 2021 / 2022 - Overview

Improvements in development so far in 2022:

- **Comments / notes field for approval manager, to be displayed in AAS article status reports**
- **Mechanism to counteract accidental approvals**
- **Product-specific and “user-friendly” forwarding feature**
- **Article Acknowledgements**



# AAS improvement 2022 next steps

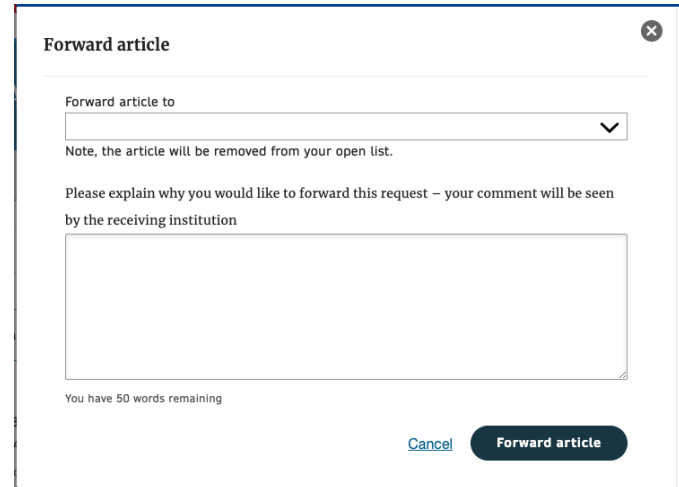
Improvements planned for the future:

- **Search functionality, search by: DOI, manuscript ID and author email**
- **Feature to retain all processed articles in the AAS**
- **Product specific “view/ user-access” in AAS, if required**
- **AAS and AAS article status reports filters including product view, institution, journal publishing model**

# Article Approval Service – Forwarding comments

When forwarding an article a dialog window will open requesting you to add **an explanation for the new institution why you would like to forward the article to them.**

This enables the receiving institution to make an educated verification decision and to reduce the administration workload.

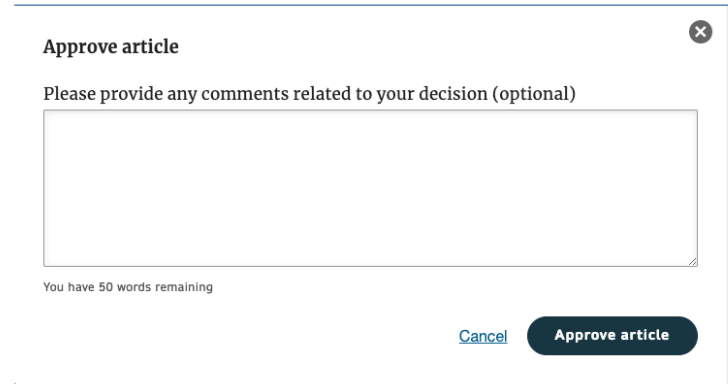


The screenshot shows a 'Forward article' dialog box with a close button (X) in the top right corner. It contains a dropdown menu labeled 'Forward article to' with a downward arrow. Below this is a note: 'Note, the article will be removed from your open list.' A text prompt follows: 'Please explain why you would like to forward this request – your comment will be seen by the receiving institution'. There is a large text input area below the prompt. At the bottom left, it says 'You have 50 words remaining'. At the bottom right, there are two buttons: 'Cancel' (a blue text link) and 'Forward article' (a dark blue button).

# Article Approval Service – Approval Comments

When approving an article a dialog window will open asking you to add a **comment related to your decision** before clicking **“Approve Article”**.

This extra step aims to avoid accidental approvals and allows you to add comments and notes related to your decision for **your records**.

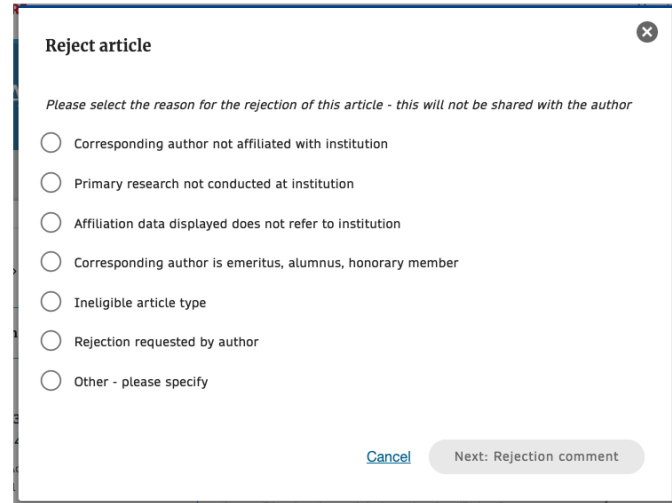


The screenshot shows a dialog box titled "Approve article" with a close button (X) in the top right corner. Below the title, it says "Please provide any comments related to your decision (optional)". There is a large text input area for comments. Below the input area, it says "You have 50 words remaining". At the bottom right, there are two buttons: a blue "Cancel" button and a dark blue "Approve article" button.

# Article Approval Service – Rejection Reasons

When rejecting an article a dialog window will open asking you to select a reason for rejection. As next step, you will have the opportunity to add a **comment for your records.**

This extra step helps to **prevent accidental rejections, the rejection reasons will not be shared with the authors.**

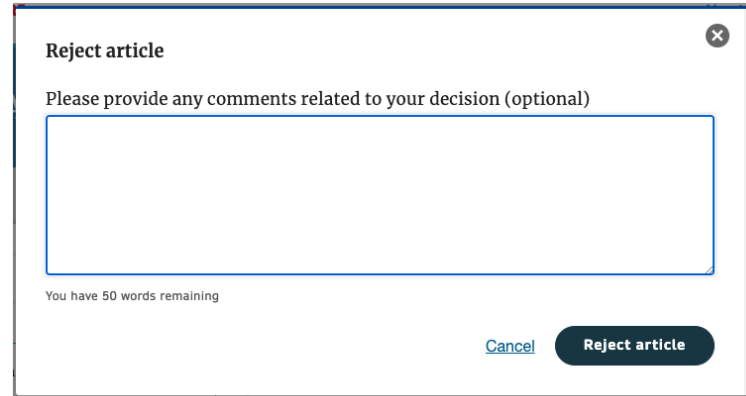


The screenshot shows a dialog box titled "Reject article" with a close button (X) in the top right corner. Below the title, there is a instruction: "Please select the reason for the rejection of this article - this will not be shared with the author". A list of seven radio button options is provided: "Corresponding author not affiliated with institution", "Primary research not conducted at institution", "Affiliation data displayed does not refer to institution", "Corresponding author is emeritus, alumnus, honorary member", "Ineligible article type", "Rejection requested by author", and "Other - please specify". At the bottom left, there is a "Cancel" link. At the bottom right, there is a button labeled "Next: Rejection comment".

# Article Approval Service – Rejection Comments

When rejecting an article a dialog window will open asking you to add a **comment related to your decision** before clicking **“Reject Article”**.

This extra step allows you to add comments and notes related to your decision for **your records**.



The screenshot shows a modal dialog box titled "Reject article" with a close button (X) in the top right corner. Below the title, it says "Please provide any comments related to your decision (optional)". There is a large, empty text input area. Below the input area, it says "You have 50 words remaining". At the bottom right, there are two buttons: a blue "Cancel" button and a dark blue "Reject article" button.

# Article Approval Service – Article Acknowledgements

**As of March 30<sup>th</sup>, article acknowledgements** are now included in the AAS article details to support Approval Managers making an educated verification decision

## Acknowledgements

The authors thank all of the participants and staff involved in the Edinburgh Type 2 Diabetes Study. Authors' relationships and activities Pfizer plc provided a portion of the funding for the ET2DS; however, they had no role in study design, data collection and analysis, decision to publish or preparation of the manuscript. The authors declare that there are no other relationships or activities that might bias, or be perceived to bias, their work.

## Article

# Thank you

Any questions?

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The story behind the image



## **Antarctica meltdown could double sea level rise**

Researchers at Pennsylvania State University have been considering how quickly a glacial ice melt in Antarctica would raise sea levels. By updating models with new discoveries and comparing them with past sea-level rise events they predict that a melting Antarctica could raise oceans by more than 3 feet by the end of the century if greenhouse gas emissions continued unabated, roughly doubling previous total sea-level rise estimates. Rising seas could put many of the world's coastlines underwater or at risk of flooding and storm surges.

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