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# Introduction to Open Access

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**WORLD  
CHANGERS  
WELCOME**



# What is open access?

**Open Access** is the principle that a research output should be presented in a form that allows anyone with internet access to search electronically within the text, read it and download it without charge.

The copyright holder of an output can make it open access by applying an **open access licence** to it.

For example, a journal article or dataset with an open access licence can be accessed by anyone, and there will be no (or very few\*) restrictions on how people can reuse the item.

\*Common restrictions include: the author must be acknowledged; any derivative work must also be open access; only non-commercial reuse permitted.





# Benefits of being open



+ Integrity

<https://casrai.org/credit/>

+ Research  
Environment

More on OA:

<https://www.gla.ac.uk/myglasgow/openaccess/whatisopenaccess/>

# Routes to Open Access

For journal articles and conference papers there are two routes to Open Access:

## Gold (paid for)

- Article is immediately freely available
- Payment of a fee or 'Article Processing Charge' (APC)

## Green ('free')

- Deposit (usually accepted final version) in online repository
- Usually an embargo period to making this visible

**University direction** - go **Green ('free')** wherever possible

**Notify research-  
openaccess@glasgow.a  
c.uk when you have a  
paper accepted, and we  
will advise on the  
appropriate route.**








If you notify us, your article will be recorded in Enlighten

## Enlighten: Publications

[About](#) [Latest Additions](#) [Search](#) [Browse](#) [Open Access](#) [ORCID](#) [My Publications](#)

# Specialized stellate cells offer a privileged route for rapid water flux in *Drosophila* renal tubule

[Cabrero, P.](#) , [Terhzaz, S.](#) , [Dornan, A. J.](#) , [Ghimire, S.](#), Holmes, H. L., Turin, D. R., Romero, M. F., [Davies, S.](#)  and [Dow, J. A.T.](#)  (2020)

Specialized stellate cells offer a privileged route for rapid water flux in *Drosophila* renal tubule. *Proceedings of the National Academy of Sciences of the United States of America*, (doi:[10.1073/pnas.1915943117](https://doi.org/10.1073/pnas.1915943117)) (PMID:[31907321](https://pubmed.ncbi.nlm.nih.gov/31907321/)) (Early Online Publication)



[Text](#)

205426.pdf - Published Version

Available under License [Creative Commons Attribution](#).

1MB

### Funder and Project Information

Project Code	Award No	Project Name	Principal Investigator	Funder's Name	Funder Ref	Lead Dept
<a href="#">168614</a>		Functional Genomics of the enigmatic stellate cell.	Shireen Davies	<a href="#">Biotechnology and Biological Sciences Research Council (BBSRC)</a>	BB/L002647/1	MCSB - Integrative & Systems Biology
<a href="#">173817</a>		Functional analysis of insect neuropeptide G protein-coupled receptors	Shireen Davies	<a href="#">Biotechnology and Biological Sciences Research Council (BBSRC)</a>	BB/P008097/1	MCSB - Integrative & Systems Biology
<a href="#">169260</a>		Improving stone disease treatment by accurate phenotyping and risk stratification	Julian Dow	<a href="#">National Institutes of Health (NIH)</a>	1U54DK100227-01	MCSB - Integrative & Systems Biology



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**researchfish**

by interfolio

Items in Enlighten with a relevant funder's reference number acknowledged will be uploaded to **Researchfish**.

All staff publications will be uploaded to the **Performance and Development Review** tool.

# **Open Access requirements: University, Funders and REF**



# University of Glasgow policies

Outputs should be made open access where possible.

## Code of Good Practice in Research

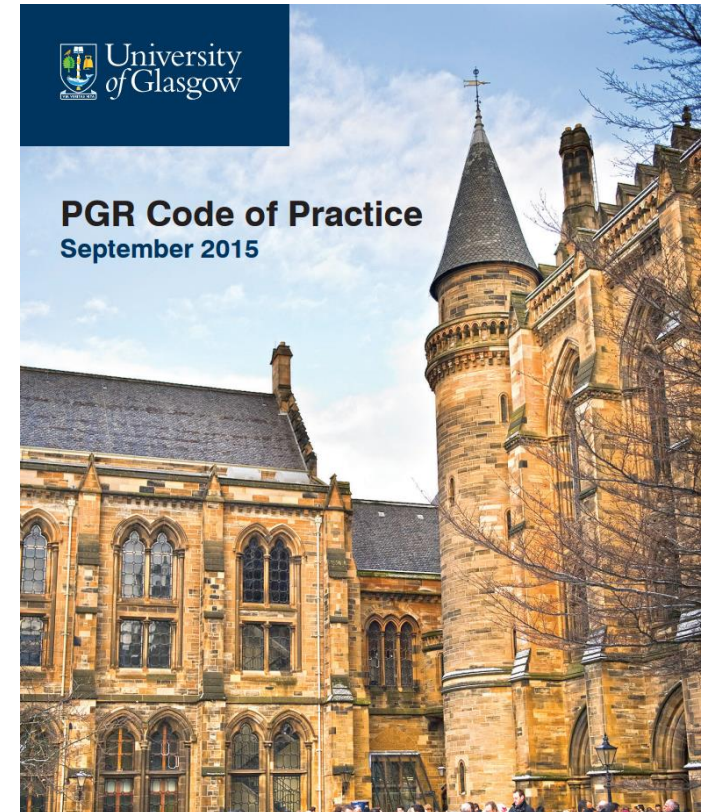
[https://www.gla.ac.uk/media/media\\_490311\\_en.pdf](https://www.gla.ac.uk/media/media_490311_en.pdf)

## Postgraduate Research Code of Practice

<http://www.gla.ac.uk/services/postgraduateresearch/pgrcodeofpractice/>

## Good Management of Research Data Policy

[https://www.gla.ac.uk/media/media\\_555892\\_en.pdf](https://www.gla.ac.uk/media/media_555892_en.pdf)



**Some funders have  
open access  
requirements – consider  
these before submitting  
an article**



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## Funder acknowledgement and licensing

All papers should include  
acknowledgement of the funding that  
supported the research

Recommended format :

'This work was supported by XX  
Funder/Research Council [grant  
number xxx]'





## UKRI Funds for Open Access (Policies will be updated in 2021)

- Outputs must be made open access with a maximum embargo of 6 months (STEM) or 12 months (Arts and Social Sciences).
- UKRI policy applies to peer-reviewed research articles, non-commissioned reviews, systematic reviews, Cochrane Reviews and conference proceedings acknowledging past or current grants or studentships
- Mandatory page charges and supplements will be covered if we are paying for open access,
- The UKRI fund is finite. When it runs out, the embargo periods are extended.
- Includes NC3Rs
- A CC-BY licence is required if we are paying.
- MRC/BBSRC outputs must be deposited in PubMed Central.

# Other support for Open Access

- Policies vary. Generally apply to peer-reviewed original research and review articles that acknowledge past or current grants or studentships.
- A CC-BY licence is usually required if funder pays.
- Biomed articles must generally be deposited in PubMed Central
- The funders have differing procedures – some provide us with funds, others ask you to apply directly to them

<https://www.gla.ac.uk/myglasgow/openaccess/howdoimakemypublicationsoopenaccess/otherfundsforopenaccess/>



No funds 2021



Original Research Articles Submitted from 1st January 2021

- Freely available on PubMed Central
- CC-BY (exception for ND by application)
- Include statement on submission to publisher:

'This research was funded in whole, or in part, by the Wellcome Trust [*Grant number*]. **For the purpose of Open Access, the author has applied a CC-BY public copyright licence to any Author Accepted Manuscript version arising from this submission.**'

Fund open access journals or those transforming to open access.

Encouraged to share pre-prints

Require open access for books and book chapters.





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## Publisher Deals and Discounts

**CONSTRUCTIVIST  
FOUNDATIONS**

An interdisciplinary journal • [www.univie.ac.at/constructivism/journal](http://www.univie.ac.at/constructivism/journal)





# **Open Access policies for the Research Excellence Framework (REF)**

# What is REF?

The Research Excellence Framework (REF) is a process of expert review of research outputs across UK universities.

The exercise:

- Provides accountability for public spending on research,
- Provides benchmarking for the quality of outputs
- Informs the selective allocation of funding to universities.

For each submission, three distinct elements are assessed: the quality of **outputs** (e.g. publications, performances, and exhibitions), their **impact** beyond academia, and the **environment** that supports research.

**Articles and conference proceedings submitted to REF must be open access!** <https://www.ref.ac.uk/about/what-is-the-ref/>

# REF Open Access Policy

**Applies to **articles and conference proceedings\*** accepted for publication from 1<sup>st</sup> April 2016**

The output must have been deposited in a repository as soon after the point of **acceptance\*** as possible, and no later than **three months** after this date.

- Author Accepted manuscript – **final agreed text** before publisher adds logos and mark-up
- We ***must*** evidence it is in our repository
- It ***may*** be a closed deposit

The author is responsible for ensuring that this policy is followed.

There are limited exceptions that might be applied in rare cases.

*\*final acceptance - all changes made and ready to typeset – not the date that the publisher says they will publish subject to amendments*

# REF Eligibility – The Library can help

Outputs must be made open-access.

REF accepts embargo periods:

- 12 months for Science, Technology and Medicine
- 24 months for Arts and Social Sciences

**MYTHBUSTER** - It is not necessary to pay an open access charge to comply with REF open access requirements.



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## What do researchers need to do?

When a paper is accepted, make sure it is added to Enlighten:

- Notify [research-openaccess@glasgow.ac.uk](mailto:research-openaccess@glasgow.ac.uk)
- **Include the final accepted manuscript**
- Include award\* numbers on papers
- **Don't agree to pay if don't have ££**
- Use University email address and affiliation

- \*The funds available are based on awards to the University







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## What does the Library do?

- Check funder requirements
- Check the publisher copyright policy
- Act as researcher's memory
- Pay from UKRI or Charities Open Access funds if appropriate
- Deposit manuscript and release after embargo
- Compliance reporting and checking







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## Open Access to Research Data

Funders and the University also expect data to be made open access where appropriate.

See

<https://www.gla.ac.uk/myglasgow/datamanagement/> for more info.







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# Other Hints and Tips

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# Identifying Trusted Journals

- Most publishers are reputable.
- Beware of those that do not deliver appropriate standards of peer review and service.
- These are sometimes known as ‘predatory’ journals.
- Use a practical checklist such as <https://thinkchecksubmit.org/> to help identify trusted journals
- Trusted journals will usually be indexed in a suitable database. See <https://www.gla.ac.uk/myglasgow/library/specificsearch/databasesbysubject/>

# 14 CRedit Roles

Term	Definition
Conceptualization	Ideas; formulation or evolution of overarching research goals and aims.
Methodology	Development or design of methodology; creation of models.
Software	Programming, software development; designing computer programs; implementation of the computer code and supporting algorithms; testing of existing code components.
Validation	Verification, whether as a part of the activity or separate, of the overall replication/reproducibility of results/experiments and other research outputs.
Formal Analysis	Application of statistical, mathematical, computational, or other formal techniques to analyse or synthesize study data.
Investigation	Conducting a research and investigation process, specifically performing the experiments, or data/evidence collection.
Resources	Provision of study materials, reagents, materials, patients, laboratory samples, animals, instrumentation, computing resources, or other analysis tools.
Data Curation	Management activities to annotate (produce metadata), scrub data and maintain research data (including software code, where it is necessary for interpreting the data itself) for initial use and later re-use.
Writing – Original Draft	Preparation, creation and/or presentation of the published work, specifically writing the initial draft (including substantive translation).
Writing – Review & Editing	Preparation, creation and/or presentation of the published work by those from the original research group, specifically critical review, commentary or revision – including pre- or post-publication stages.
Visualization	Preparation, creation and/or presentation of the published work, specifically visualization/data presentation.
Supervision	Oversight and leadership responsibility for the research activity planning and execution, including mentorship external to the core team.
Project Administration	Management and coordination responsibility for the research activity planning and execution.
Funding Acquisition	Acquisition of the financial support for the project leading to this publication.

[https://www.gla.ac.uk/myglasgow/openaccess/howdoimake  
mypublicationsopenaccess/beforesubmittingyourmanuscript/](https://www.gla.ac.uk/myglasgow/openaccess/howdoimakemypublicationsopenaccess/beforesubmittingyourmanuscript/)



# Thank you

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## Credits:

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Matt Mahon (Voiceover, Writing – Review and Editing)

Susan Ashworth and Mary Donaldson (Writing – Review and Editing)

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