

Guidelines on Journal Publication Authorship

HOAHub authorship guidelines are based on the [ICJME recommendations](#) and [ESRF publication rules](#).

Authorship should reflect genuine conceptualisation, scientific, technical, analytical or intellectual contribution to the specific publication.

Authorship should not be automatic or based on team membership, seniority or institutional affiliation alone.

Where an individual has contributed but does not meet the authorship threshold, they should be acknowledged, and relevant dataset DOIs, [Nature Methods paper](#) and resource papers (see [list of HOAHub publications](#)) should be cited.

Guidance on Beamtime participation of ESRF staff and HOAHub Users

You must properly acknowledge ESRF staff and other HOAHub users as co-authors if they were one of the scientific drivers of the work done, or played a key role in the experiment, e.g. for data measurement, reconstruction, analysis or interpretation of the data, etc, over and above the involvement that would normally be expected from Local Contact support.

A [normal level of support](#) involves:

- prepare the beamline within the limits of a standard set-up,
- introduce you to the operating of the beamline,
- help you in setting up the sample environment,
- be on call during regular working hours in case of a problem (8:00-17:00 on weekdays) and outside regular working hours (17:00-22:00 on weekdays, 08:00-22:00 on weekends and holidays),
- provide specific help in certain cases (including outside regular working hours) through contacts with the Hall Operators.

On sample preparation, in addition to the above guideline, Joanna Purzycka should be acknowledged as a co-author if a new sample preparation protocol was developed for the experiment (i.e. beyond the standard method published in [Nature Protocols](#) and inline degassing methods used at ESRF).

Theresa Urban, Joanna Purzycka and Joseph Brunet are considered as Local Contact for HOAHub Beamtimes.

Transparency and enabling involvement

If you are preparing a manuscript using HOAHub data, ensure you communicate this at the regular monthly HiP-CT/HOAHub meeting to enable scientific input from those in the group. The proposed author list should also be presented for review. Any individual who believes their contribution has been overlooked will have the opportunity to raise this with the lead author.

Once a complete first draft of the paper is ready, PI of each BC/FT proposal should send it to hoahubesrf@gmail.com with the proposed author list. The HOAHub Executive Committee have access to this account and can help with authorship guidance and other queries.

Proportionality of the HOAHub / HiP-CT contribution

Authorship should be proportionate to the role of the HOAHub or HiP-CT component in the specific manuscript. The number of beamtimes involved or the extent of HiP-CT in the methods section may help indicate the scale of the contribution, but should not be the only deciding factor.

HOAHub Executive Committee hoahubesrf@gmail.com can advise whether there has been wider HOAHub, Long-term Proposal (LTP) or ESRF involvement that the proposal team may be unaware of.

Acknowledgement statements

Beamtime: “We acknowledge the European Synchrotron Radiation Facility (ESRF) and the HOAHub for provision of synchrotron radiation facilities under UCL led proposals MD-1290, MD-1389 and LS-3686 on beamlines BM18 and BM05.” *[Add or remove proposal IDs or beamlines as appropriate.]*

Funding: “This project has been made possible in part by grant number 2022-316777 from the Chan Zuckerberg Initiative DAF, an advised fund of Silicon Valley Community Foundation, led by Peter D. Lee, Claire L Walsh and Paul Tafforeau.”

Experiment and other support: “We thank NAME(s) for assistance and support through the HOAHub.” *if you received normal level of support from anybody, e.g.:*

- “We sincerely thank [NAME(s)] for assistance and support during the beamtime, “David Stansby/Data Scientist UCL” and “Marjolaine Bodin/Guillaume Gaisné” for their support with data management and data upload, as well as Joanna Purzycka and Jean-Pascal Hograindleur for sample preparation and mounting.” *[Remove names of beamtime support, data, and sample preparation team if they are co-authors.]*

Sample donation: *Acknowledge relevant sample donation and provider, if from LADAF, use the below:* “The authors sincerely thank those who donated their bodies to science so that anatomical research could be performed. Results from such research can potentially increase humanity’s overall knowledge that can then improve patient care. Therefore, these donors and their families deserve our highest gratitude.”

DOI metadata for datasets published on the Human Organ Atlas

When publishing data on the [Human Organ Atlas](#), please follow the principles below for authorship on Digital Object Identifier metadata. This is to ensure that all contributors are fairly credited and to follow authorship practices used by other internationally leading projects.

Datasets used in publications or those 3 years or older will be made public on the HOA website

Please contact the UCL software engineer or the ESRF Data engineer with the list of datasets to make public, at the point of pre-print publication. Once the datasets are public, add the DOIs as references in the paper. This enables us to track dataset reuse and impact.

Authors on all datasets will be:

- “The Human Organ Atlas Collaboration”;
- all investigators on the relevant ESRF proposal for beamtime access;
- for HOAHub data, all investigators on the relevant HOAHub BC/FT proposal;
- the core HiP-CT team¹;
- all attendees of the relevant beamtime;
- listed in alphabetical order of last name.

This recognises that creating the data is a team effort and means a short citation would be “The Human Organ Atlas Collaboration et al.”

To give an example, for a HOAHub dataset (E003100-25_breast_tumor_VOI-1_2.201um_bm18) this would give an authorship list of:

“The Human Organ Atlas Collaboration, Ackermann M., de Bakker B., Bellier A., Brunet J., Dejea H., Docter D., Gaisne G., Garavelli C., Isaksson H., Jonigk D., Kuehnel M., Länger F., Lee P. D., Lemmens G., Pierantoni M., Purzycka J., Sacomano G., Scheele C., Stansby D., Stickeler E., Szmul A., Tafforeau P., Tielemans B., Urban T., Verleden S., Walsh C. L., Yang M., Yendiki A.”

For clarity, dataset DOI metadata authorship is distinct from authorship on peer-reviewed journal publications.

¹ Principal Beamline Scientist Paul Tafforeau, Beamline Scientist Theresa Urban, Beamline and Laboratory Engineer Joanna Purzycka, Data Scientist UCL, Data Engineer ESRF, Research Fellow Joseph Brunet, Project Leads Peter D. Lee and Claire L Walsh