

Use of HOAHub and HiP-CT data and publication rules

We are making HiP-CT and associated data from Human Organ Atlas Hub (HOAHub) beamtime MD-1389 (and associated beamtimes, e.g. MD-1290) available for the purposes of collaborative research. If appropriate, a collaboration agreement will be entered into to cover the full terms under which the data are made available. By agreeing to this email, you are agreeing to standard academic confidentiality terms, including not publishing the data without checking with us, and following the rules & data policies of ESRF (see www.esrf.fr/datapolicy) as well as our funding conditions from CZI (see chanzuckerberg.com/rfa/deep-tissue-imaging/), specifically:

- Arising Intellectual property should be made freely available for all academic and non-commercial use.
- Any datasets either curated or generated using the HiP-CT data shall be made publicly available and easily accessible online under an Open Definition-Conformant License.
- Any publications and research findings arising from using this data should made public availability without conditions or restrictions on academic and publication freedom. All publications of research findings need to be made open access (or archived, e.g. www.biorxiv.org).
- All HOAHub dataset must to be made open access on human-organ-atlas.esrf.fr upon first publication or within 3 years (whichever is shorter).
- In acknowledgement, please include "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, and the European Synchrotron Radiation Facility beamtime MD-1389 (or MD-1290, as appropriate), led by PD Lee, P Tafforeau, CL Walsh, et al."
- Please also cite the [Nature Method Paper](#) (DOI: 10.1038/s41592-021-01317-x) in any publication using HiP-CT generated data, and any other appropriate papers (see the list of publications here <https://mecheng.ucl.ac.uk/hip-ct/publications/>) and any resources you use (e.g. Google Neuroglancer, Siemens Healthineers).
- While the experiment A Form automatically grants access to view others' data on the data repository, it is important to note that users are not authorized to access and use others' data without their explicit consent. Please consult with the HOAHub Executive Committee (hoahubesrf@gmail.com) if you have any questions or concerns.
- Please check with the HOAHub Executive Committee (hoahubesrf@gmail.com) before publication to make ensure no conflict of interest with other collaborators (or to resolve any conflict).
- Please send a pdf copy after publication to hoahubesrf@gmail.com.

For the avoidance of doubt, the data are only to be accessed by you and your research group on a need-to-know basis and only for the purposes of complementary and/or collaborative research, including publication / dissemination.

Your continued use of HOAHub/HiP-CT data implies your acceptance of the aforementioned rules.

Ideally data will be shared via Dropbox or neuroglancer.

Once the data is placed on the human-organ-atlas.esrf.eu it is freely available, but we'd still appreciate your following the above if at all possible.

Yours,

PD Lee, M Ackermann, P Tafforeau and CL Walsh on behalf of the whole HOAHub team

Information on DOI metadata for datasets published on HOA

When it comes to publishing data on the Human Organ Atlas (HOA, <https://human-organ-atlas.esrf.fr/>), please refer to the below principles of authorship on Digital Object Identifier (DOI) metadata for the datasets. This is to ensure all the contributors are fairly credited, and to also follow authorship practices on data from other internationally leading projects, including CERN and the Met Office.

Authors on all datasets will be:

- “The Human Organ Atlas Collaboration”¹.
- All investigators on the relevant ESRF proposal for beamtime access
- For HOAHub data, all the Investigators on the relevant HOAHub BC/FT Proposal.
- The core HiP-CT team²
- All attendees of the relevant beamtime
- Listed in alphabetical order of first name.

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, Adam Szmul, Alexandre Bellier, Anastasia Yendiki, Bernadette de Bakker, Birger Tieleman, Chiara Garavelli, Claire Walsh, Colinda Scheele, Daniel Docter, Danny Jonigk, David Stansby, Elmar Stickeler, Florian Länger, Giel Lemmens, Guillaume Gaisne, Gulia Sacomano, Hanna Isaksson, Hector Dejea I Velardo, Joanna Purzycka, Joseph Brunet, Maria Pierantoni, Mark Kuehnel, Maximilian Ackermann, Mei Yang, Paul Tafforeau, Peter Lee, Stijn Verleden, Theresa Urban”

¹ This recognises that creating the data is a team effort and means a short citation would be “The Human Organ Atlas Collaboration et al.”.

² Principal Beamline Scientist Paul Tafforeau, Beamline Scientist Hector Dejea, Organ Engineer Joanna Purzycka, Data Scientist David Stansby, Data Engineer Guillaume Gaisne, Beamline Support Joseph Brunet and Theresa Urban, Project Leads Peter Lee and Claire Walsh

Guidelines on publications authorship

When it comes to publishing on peer-reviewed journals, please refer to the below principles of authorship.

For studies involving single HOAHub or LTP beamtime:

- Include anyone from home institutions that have been scientifically involved.
- Consult with Peter D Lee, Claire L Walsh and Paul Tafforeau specifically regarding their authorship.
- Include members of the ESRF beamline operation team³ who contributed to experimental design, sample reconstruction, or the development of new beamtime scanning protocols. (Contributions are allocated among the beamline operation team and their respective line managers, recorded in a work allocation spreadsheet maintained by the ESRF team, and available upon request.)

For studies involving multiple HOAHub beamtimes and/or other HiP-CT beamtimes:

- Include anyone from home institutions that have been scientifically involved.
- Consult with Peter D Lee, Claire L Walsh and Paul Tafforeau specifically regarding their authorship.
- Include all the ESRF beamline operation team.

³ Principal Beamline Scientist Paul Tafforeau, Beamline Scientist Hector Dejea, Organ Engineer Joanna Purzycka, Data Scientist David Stansby, Data Engineer Guillaume Gaisne, Beamline Support Joseph Brunet and Theresa Urban.