**Questions list survey 2024**

**Section 1**

Global BioImage Analysts’ Society (GloBIAS), a non-profit association currently in preparation, and to officially launch as a registered society in the next 2 years, aims to be a worldwide society for everyone interested in bioimage analysis. GloBIAS seeks to keep the successful work done by NEUBIAS (Network of European Bioimage Analysts) alive and continue in the spirit of NEUBIAS connecting **Bioimage Analysts**, **Life and Imaging Scientists**and **Bioimage Analysis Software Developers**. GloBIAS works toward expanding its activities worldwide to welcome a larger number of scientists involved in bioimage analysis.

The society will enable learning and knowledge exchange between the members, e.g. by establishing a repository of training materials and standards for bioimage analysis.  It will regularly offer workshops and other events in person. Regular online events will allow exchange on different levels and will be shaped by the needs and wishes of the members. The society will have different workgroups which will be defined and run by its members.

Initial funding for the foundation process is provided by the Chan Zuckerberg Initiative (https://chanzuckerberg.com/imaging/society-for-knowledge-exchange-in-bioimage-analysis/) for the first two years, after which the society aims to be sustained by membership fees.

This survey contains 25 multiple choice and 3 short answer questions, all of which are optional and should take fewer than 10 minutes to complete.

**Consent to data publishing**

The purpose of this study is to inform our priorities and collaborative efforts for the Global BioImage Analysts’ Society. Data resulting from this survey may be used in future publications, but individual responses to this survey will remain anonymous and no potentially identifying information is requested; please do not provide identifying information (such as your email address, name, or affiliation) in any of your responses if you wish to ensure your anonymity, as we will not be manually removing such information. By proceeding with this survey, you are agreeing that you have read, understand, and consent to this use of your data. If you have questions, please email [communications@globias.org](mailto:communications@globias.org).

**Section 2**

**Demographic questions**

What is your gender?

Female/ Male( Other/ prefer not to say

What is your age group?

20-290/30-39/40-49/above 50

Which of these describe your position? Choose all options that apply.

* Undergraduate student
* MSc
* PHD
* Postdoc
* Staff scientist researcher
* Staff scientist in a core facility
* Core facility head
* Junior group leader
* Professor
* Other

Are you currently in a permanent position?

Yes/No

In which of these sectors do you work?

* Research institution
* University
* Company
* Self-employed

What is your location?

* North America
* Central America
* South America
* Europe
* Near/Middle East
* Africa
* Asia
* Australia/ Oceania

**Section 3**

**Community group and needs**

**Q1. How would you describe your work?  Choose all options that apply.**

* Life sciences research (planning, executing and analysing a range of experiments)
* Imaging (sample preparation optimisation, acquiring images and data)
* Imaging support (guidelines and tips for sample preparation optimisation, deciding on imaging modalities, help with acquisition of images and data)
* Image analysis (finding the right tools to analyse a particular experiment, optimizing the analysis, data mining)
* Microscope development (building microscope and add-ons to microscope, development of software tools for control and data analysis for self-built systems)
* Software engineering and/or method development (building tools, implementing state-of-the-art computer vision/ML-research)

**Q2. Which of the following do you work in? Choose all options that apply.**

* an university based academic/ research lab
* a university based core facility
* a non-profit/research centre based academic/research lab
* a non-profit/research centre based core facility
* a for-profit research lab
* a for-profit core facility
* other

**Q3: Where do bioimage analysts "sit" in your institution? Choose all options that apply.**

* within individual research labs with wet-lab focus
* within individual research labs with computer science focus (but on life science topics)
* a dedicated stand-alone image analysis facility
* embedded within an imaging/microscopy facility
* embedded within a bioinformatics facility
* embedded within IT/research administration
* I am not aware of any bioimage analysts in my institution

**Q4: If you work in a facility: what are the operating/business models of your facility? Choose all options that apply. Please do not answer if you do not work in a facility.**

* grants you apply for
* grants someone else applies for
* internal granted funding
* recharge for consulting
* recharge on image analysis projects (data analysis as a service)
* recharge on other products (microscope time, etc)
* I don't know

**Q5: If you work in a facility: how much of your budget comes from each of these? Please do not answer if you do not work in a facility.**

Each with a choice of 0%/ 0-25%/ 25-50%/ 50-75%/ 75-100%

* grants you apply for
* grants someone else applies for
* internal granted funding
* recharge for consulting
* recharge on image analysis projects (data analysis as a service)
* recharge on other products (microscope time, etc)
* I don't know

**Q6: How many of the following do you do as part of your typical job? Choose all options that apply.**

* bioimage analysis instruction
* bioimage analysis services
* bioimage analysis infrastructure development and maintenance
* own bioimage analysis project
* bioimage analysis tool development (not bound to a single service project)
* management / administration

**Q7: How much of your time do you spend on each of the following?**

Each with a choice of 0%/ 0-25%/ 25-50%/ 50-75%/ 75-100%

* bioimage analysis instruction
* bioimage analysis services
* bioimage analysis infrastructure development and maintenance
* own bioimage analysis project
* bioimage analysis tool development (not bound to a single service project)
* management / administration

**Q8: Have you been involved with NEUBIAS before? Choose all options that apply.**

* As a core member.
* As an event organiser.
* As a trainer.
* As a trainee.
* I attended a taggathon/hackathon.
* I attended a conference/seminars.
* No

**Q9: How can GloBIAS support you in your bioimage analysis endeavours?**

Short text answer.

**Section 4**

How you would like GloBIAS (as a non-profit association) to be organised: activities and interaction opportunities.

**Q10: What type of activity would you want GloBIAS to offer in the first twelve months after its foundation?**

For each a choice of: not at all interested/ maybe interested/ definitely would want to attend

* in-person workshops on: how to teach bioimage analysis workflows
* in-person workshop on new bioimage analysis software tools
* online events discussing image data infrastructure and image data management
* online events on new bioimage analysis software tools
* online events from companies demonstrating their software
* sessions presenting open bioimage analysis questions, annotated data sets, and an overview explanation of the biology of the data
* provide basic knowledge and “vocabulary” of new developments in bioimage analysis for better communication between computer scientists, life scientists, imaging specialists and software developers
* open discussion forum and interaction platform
* publishing and curating training materials

**Q11: Is there a specific type of event not listed in Q10 you would want to see organised by GloBIAS in its first year or thereafter?**

Short text answer.

**Q12: If GloBIAS offers regular online events, how often would you ideally want them to happen?**

* Monthly
* Every three months
* Every six months

**Q13: If there was a society such as GloBIAS advocating Bioimage Analysis (BIA) and offering events as discussed above (Q.10), would you be interested to be an active member by helping to organise and run regular online events for GloBIAS?**

Yes/ No

**Q14: If there was a Society such as GloBIAS advocating BIA and offering events and services, would you be willing to pay for membership in this society? There would be different fee levels, e.g. for students, postdocs, and ECR, core facility, etc.**

Yes/ No

**Q15: Please indicate what fee you would find reasonable for a full membership? The yearly fee will be used for administrative purposes first (webpage, email account, member register). Any remaining money will be used for the aims of the society as defined in its charter.**

**Attention please: suggestion field is assuming an input in Euro!**

**Open text**

**Q16: Would your institution cover such membership fees?**

* Yes
* No
* I would cover by myself anyway, because I think it is worth it

**Q17: Would you be interested in joining a working group of the society after its foundation for any of the following areas?**

* preparation of online events and of annual meeting of the society
* organisation of in-person workshops/hackathons
* outreach activities of society: social media channels, conference presentations
* education: hosting trainings (such as NEUBIAS Academy - style videos) and preparation of training material for bioimage analysis trainings, e.g. outlines, data and set-up for bioimage analysis trainings at different levels
* scientific data integrity in bioimage analysis

**Q18: What other aspects beside the opportunities listed above would make you most likely to contribute to GloBIAS?**

* events held online
* open channels for communication
* alignment with your scientific areas
* opportunities for training
* open help desk

**Q19: Would you be interested to contribute to the foundation process of GloBIAS during 2024?**

* Yes (please see also Q22)
* No

**Q20: Which of these social media platforms do you use in a professional context? (Select all that apply)**

* Research Gate
* Slack
* Mattermost
* Pumble
* Zulip
* Linkedin
* YouTube
* X (Twitter)
* Mastodon
* Instagram
* Facebook
* Bluesky

**Q21: Which of these tools do you use in a professional context?**

**Used mainly for**

Each with a choice of:

finding literature/ posting questions/ exchanging ideas/ self-learning/ other

* image.sc
* Google groups
* GitHub
* Wikipedia
* ChatGPT/BING/Bard
* Monographs, e.g. library or online books

**Q22: Interested in getting involved now? If your answer is Yes to any of the questions below please send a short email to** [**info@globias.org**](mailto:info@globias.org) **using GloBIAS A and/or B in the email topic. Thank you.**

* I would like to contribute to the creation of the society. (A)
* I would be interested to get regular updates regarding the GloBIAS initiative. (B)