

Deliverable D7.2

Report on AI4Life workshops, hackathons and communication activities with other LS RIs

Project Title	Artificial Intelligence For Image Data Analysis In The Life Sciences
Project Acronym	AI4Life
Project Number	101057970
Project Start Date	01.09.2022
Project Duration	36 Months

WP N° & Title	WP7: Communication, Outreach and Training
WP Leaders	EMBL-BioHub; HT
Deliverable Lead Beneficiary	EMBL-BioHub
Dissemination Level	PU
Contractual Delivery Date	28.02.2025 (M30)
Actual Delivery Date	14.02.2025
Authors	Beatriz Serrano-Solano
Contributors	
Reviewers	Florian Jug, Dorothea Dörr, Matthew Hartley, Estibaliz Gómez de Mariscal, Arrate Muñoz-Barrutia



AI4Life has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement number 101057970. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the



Change Log

Version	Date	Author	Description of changes
v0.1	29.01.2025	Beatriz Serrano-Solano	Initial outline
v0.2	06.02.2025	Beatriz Serrano-Solano	Initial draft
v0.3	11.02.2025	Beatriz Serrano-Solano	Feedback from reviewers included
v0.4	14.02.2025	Beatriz Serrano-Solano	Second round of feedback included
v1.0	27.02.2025	Beatriz Serrano-Solano	Final update factsheet

Acronyms and Abbreviations

AI	Artificial Intelligence
AIoD	AI-on-Demand
BIA	Biolmage Archive
BMZ	Biolmage Model Zoo
DG	Directorate-General
DL	Deep Learning
EC	European Commission
EMBRC	European Marine Biological Resource Centre
EOSC	European Open Science Cloud
FAIR	Findable; Accessible; Interoperable; Reusable
GloBIAS	Global Biolmage Analysts' Society
EGI	European Grid Infrastructure
LS RI	Life Science Research Infrastructure

Table of contents

Acronyms and Abbreviations	2
Executive Summary	4
1. Introduction	5
2. Activities	5
2.1. Participation in Community Events	7
2.2. Hackathons	11
2.3. Collaborations with other EU-funded projects and initiatives	15
2.3.1. Collaboration with AI4EOSC	15
2.3.2. Collaboration with EGI	15
2.3.3. Engagement with the AI4Europe Platform	15
2.3.4. Engagement with industry	15
2.4. Other communication activities	16
3. Future activities	20
4. Conclusion	22

Executive Summary

This report outlines the activities undertaken by AI4Life in partnership with other Life Science Research Infrastructures (LS RIs). It highlights the key workshops, hackathons, and communication efforts addressing the community's need to adopt Artificial Intelligence (AI) tools and methods in life sciences.

Key achievements include:

- **Outreach and dissemination:** AI4Life partners have conducted various dissemination activities across multiple platforms, including conferences, training sessions, and workshops. These efforts have reached international audiences and promoted the project's services and opportunities. Events were held worldwide, extending the project's impact beyond Europe.
- **Community engagement:** Through workshops and training events, AI4Life has introduced AI methods to the life science community. Collaborative efforts with LS RIs have strengthened its role in shaping the scientific community's approach to bioimaging and AI.
- **Hackathons:** AI4Life has hosted 10 hackathons, providing a platform for stakeholders (industry, AI4Life Community Partners and other projects) to enhance bioimage analysis tools. These events fostered innovation by aligning with project milestones and engaging industry partners. Hackathons have led to new features and infrastructure improvements.
- **Strategic collaborations and recognition:** AI4Life has strategically partnered with other EU-funded projects to increase the project's sustainability and impact. The European Commission (EC) Directorate-General (DG) for Research and Innovation has acknowledged the project's achievements and selected AI4Life to be showcased at the European Research and Innovation Days 2024 and as a success story on the DG Research and Innovation website.

AI4Life will continue its outreach activities in 2025 to ensure that AI4Life's tools and services remain at the forefront of bioimage analysis, with continued community engagement and international collaboration.



1. Introduction

AI4Life aims to bridge the gap between two rapidly developing fields, AI method development and biological imaging, providing needed services through the European transnational and virtual access infrastructures. Collaboration with the LS RIs is critical in ensuring that AI tools are validated and disseminated within a broad scientific community. This report summarises the main activities conducted by the consortium members and collaborators.

2. Activities

AI4Life partners and collaborators have engaged in extensive dissemination activities (175 by mid-February 2025) to promote the project's services and opportunities, reaching diverse audiences across multiple countries and scientific communities. These activities have taken various forms, including conferences, training events, and scientific meetings, ensuring broad engagement with researchers, industry professionals, and the wider life sciences community.

The activity types were mostly scientific conferences, followed closely by education/training events (Figure 1).

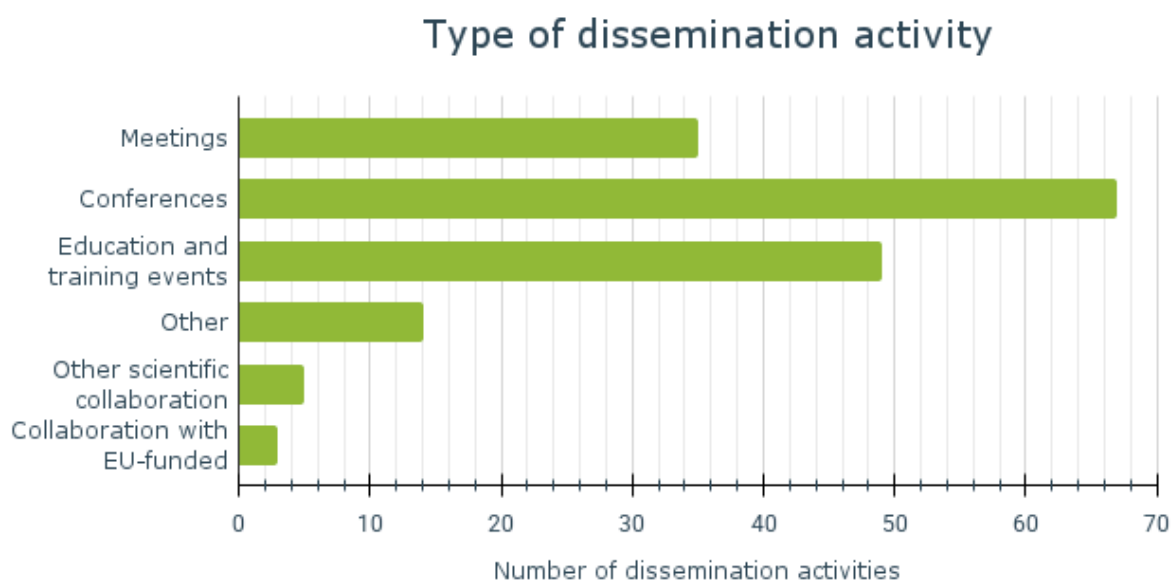


Figure 1. Outreach and dissemination activities from the beginning of the project in September 2022 until February 2025 by type of activity.

Conferences provided AI4Life with a platform to showcase the project through presentations and posters. At the same time, training initiatives played an essential role in building community around the [BioImage Archive \(BIA\)](#) and the [BioImage Model Zoo \(BMZ\)](#). Additionally, the project established collaborations with EU-funded projects and other scientific initiatives to strengthen AI4Life's impact and sustainability.

The geographical distribution of the dissemination activities (Figure 2) highlights a strong international presence even beyond the European scope, together with numerous online events, which enabled global reach and accessibility.

Country of the of dissemination activity

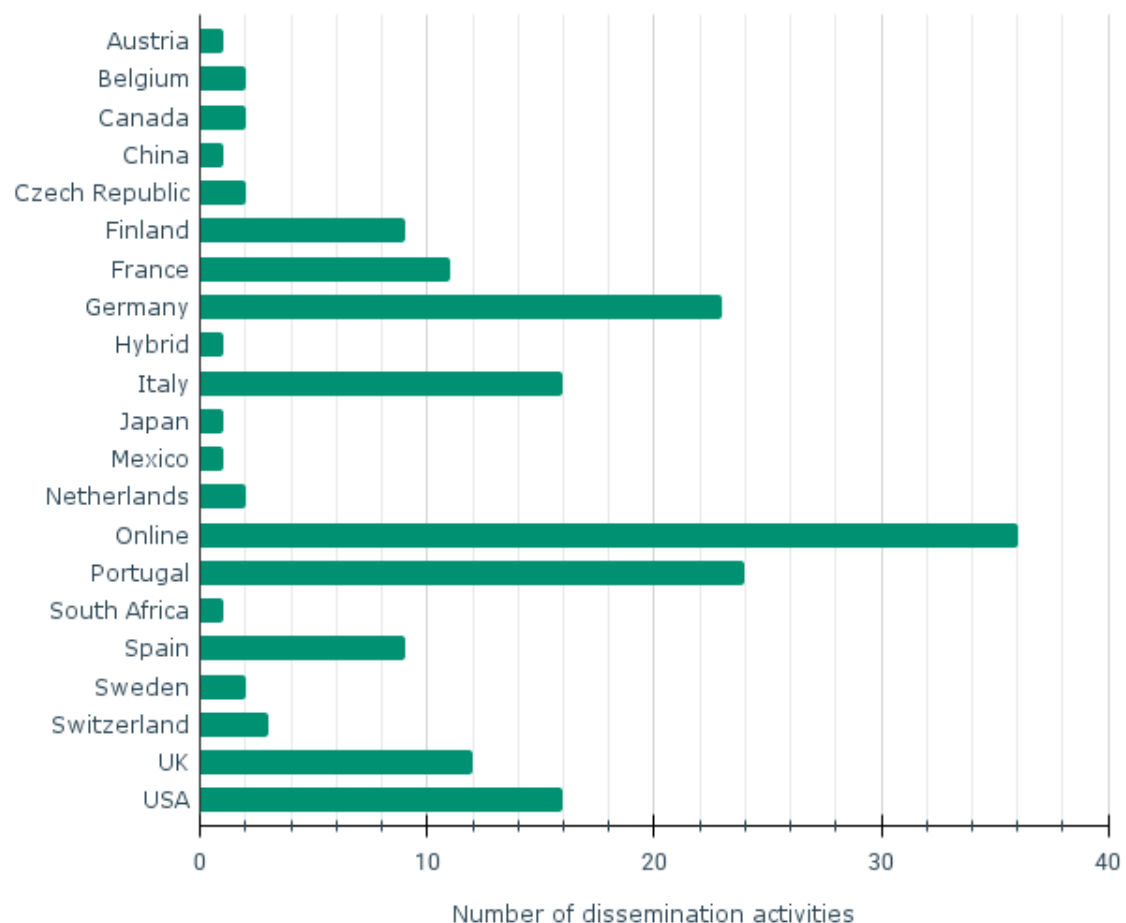


Figure 2. Outreach and dissemination activities from the beginning of the project in September 2022 until February 2025 by location.

The following subsections describe key dissemination activities, highlighting AI4Life's role in various events and initiatives.

2.1. Participation in Community Events

AI4Life has organised and contributed to multiple workshops and training events to introduce AI methods to the life science community. These events often included presentations and hands-on sessions by AI4Life experts.

As part of its outreach efforts, AI4Life has collaborated closely with Life Science Research Infrastructures (LS RIs) through [Work Package 7](#), engaging with partners at [Euro-Biolmaging](#), [EU-OPENSOURCE](#), the [European Marine Biological Resource Centre \(EMBRC\)](#), [EMPHASIS](#), and [Instruct-ERIC](#). Through monthly meetings, AI4Life has raised awareness among the partner LS RIs about the opportunities it offers to their scientific communities while gaining insight into their specific needs. This ongoing dialogue has enabled AI4Life to contribute meaningfully to LS RI-led initiatives, ensuring its presence at relevant events. A key example is the [EU-OPENSOURCE Autumn Training School](#), where AI4Life members showcased the offered services to demonstrate their impact on bioimage analysis.

The following table provides a detailed overview of AI4Life's participation in key community events.

Date	Location	Summary
January 2023	Online	<p>The BioImage Archive team at EMBL-EBI aims to enhance support for image annotations in AI-ready datasets while adhering to FAIR principles. Given the lack of widely adopted annotation standards, a workshop called "Towards FAIR AI image data" was organised to bring together bioimaging AI experts, including data generators, annotators, AI researchers, and tool developers, to address this challenge and improve annotation usability.</p> <p>https://ai4life.eurobioimaging.eu/workshop-fair-ai-image-data/</p> <p>A summary of the gathered recommendations is available in Zenodo and is currently under review for publication: https://ai4life.eurobioimaging.eu/summary-fair-ai-workshop/</p>
March 2023	Online	<p>Euro-Biolmaging hosted an online workshop on implementing FAIR principles for bioimaging data: "Euro-Biolmaging's Guide to FAIR bioimage data". The</p>

		<p>event featured speakers from Euro-Biolmaging, the BioImage Archive, AI4Life, and more, providing insights into making bioimaging data FAIR.</p> <p>https://ai4life.eurobioimaging.eu/guide-to-fair-bioimage-data-workshop/</p>
April 2023	Porto, Portugal	<p>AI4Life participated in Focus on Microscopy (FOM) 2023 in Porto, Portugal, a leading conference on optical microscopy in life sciences. One of the oral sessions featured the BioImage Model Zoo titled "Accessible AI models for microscopy image analysis in one click."</p> <p>https://ai4life.eurobioimaging.eu/ai4life-at-focus-on-microscopy/</p>
May 2023	Porto, Portugal	<p>The Defragmentation Training School 2 aimed at training the next generation of bioimage analysts. Organised by NEUBIAS and supported by EOSC-Life, Euro-Biolmaging, AI4Life, and i3S, the event included an Open Symposium highlighting recent advances and open tools in bioimage analysis. A special AI4Life session focused on Deep Learning applications in the field.</p> <p>https://ai4life.eurobioimaging.eu/neubias-conference-2023/</p>
May 2023	Porto, Portugal	<p>The 5th NEUBIAS Conference brought bioimage analysis experts from the Defragmentation Training School to the Open Symposium. AI4Life contributed to both events, covering topics like zero-code Deep Learning tools, the BioImage Model Zoo, BiaPy, and Segment Anything for Microscopy.</p> <p>https://ai4life.eurobioimaging.eu/ai4life-at-the-5th-neubias-conference/</p>
August 2023	Chicago, USA	<p>The DL@MBL: Deep Learning for Microscopy Image Analysis aimed to familiarise researchers in the life sciences with state-of-the-art deep learning techniques for microscopy image analysis.</p> <p>https://ai4life.eurobioimaging.eu/dl-mbl/</p>
February 2024	East Sussex, UK	<p>The Company of Biologists and Focal Plane organised the Effectively Communicating Bioimage Analysis workshop. The event brought together key members from AI4Life and the broader bioimage analysis community to address the field's most pressing challenges.</p> <p>https://ai4life.eurobioimaging.eu/ai4life-project-shines-at-the-effectively-communicating-bioimage-analysis-workshop/</p>



February 2024	Online	<p>"Structure Meets Function" is a webinar series hosted by Instruct-ERIC to highlight the latest developments in structural biology. AI4Life was invited to present the project and the opportunities to the community.</p> <p>https://instruct-eric.org/content/instructeric-webinar-series-structure-meets-function</p>
March 2024	Online	<p>Euro-BiolImaging hosted a special Virtual Pub edition dedicated to showcasing AI4Life tools. Experts from the project presented the BioImage Model Zoo, BioEngine, BioImage.IO chatbot, and Open Calls.</p> <p>https://ai4life.eurobioimaging.eu/virtual-pub-ai4life/</p>
October 2024	Milan, Italy	<p>AI4Life was key at the Images to Knowledge (I2K) conference. AI4Life's expertise was showcased through hands-on workshops, such as "Building Your Own Chatbot for BioImage Analysis", "Accelerating Microscopy Image Annotation with SAMJ Annotator and DL4MicEverywhere, BiaPy for deep learning-based bioimage analysis and the BioImage Model Zoo, empowering attendees with practical knowledge and the latest advancements in bioimaging.</p> <p>https://ai4life.eurobioimaging.eu/ai4lifes-highlights-at-i2k-2024/</p>
November 2024	Online	<p>AI4Life participated in the EU-OPENSOURCE Autumn Training School, presenting "BioImage.IO: Model Zoo in Action", a session on "no-code AI tools for bioimage processing". Another session focused on data analysis and reproducibility, highlighting the principles of open data and open-source tools for bioimaging.</p>
November 2024	Online	<p>AI4Life presented the opportunities offered by the project at the 5th Webinar on the Promotion of Transnational and Virtual Access webinar organised by RICH Europe.</p> <p>https://rich-europe.eu/events/5th-webinar-on-the-promotion-of-transnational-and-virtual-access/</p>
November 2024	Toledo, Spain	<p>At SPAOM 2024 in Toledo, AI4Life hosted an Image Analysis Forum showcasing the BioImage Model Zoo, the BioImage.IO Chatbot and the BioImage Archive.</p> <p>https://ai4life.eurobioimaging.eu/ai4life-at-spaom-2024-bridging-advanced-microscopy-and-ai-driven-image-analysis/</p>



The **Microscopy Data Analysis: Machine Learning and the BioImage Archive** course explores how public bioimaging data resources, particularly the BioImage Archive, and Image Data Resource, support machine learning-based image analysis. This event occurs yearly, and participants learn about tools like ZeroCostDL4Mic, ilastik, ImJoy, the BioImage Model Zoo, and CellProfiler.

Date	Location	Summary
May 2023	Online	https://ai4life.eurobioimaging.eu/microscopy-data-analysis-course/
April 2024	Online	https://www.ebi.ac.uk/training/events/microscopy-data-analysis-machine-learning-and-bioimage-archive/
April 2025	Online	https://www.ebi.ac.uk/training/events/microscopy-data-analysis-2025/



2.2. Hackathons

Hackathons have been essential to AI4Life, bringing together project members and key stakeholders to develop new features and enhance existing services (Figure 3).



Figure 3. Some of the Hackathons organised by AI4Life.

These events also fostered collaboration by inviting industry partners, community partners and participants from other initiatives to contribute their knowledge. Community partners typically include organisations, companies, research groups, or software teams that can consume and/or produce resources of the Biolmage Model Zoo. By involving them in shared development activities, AI4Life ensures interoperability across resources.

We strategically aligned these events with General Assemblies to maximise impact and efficiency, leveraging attendees' expertise while minimising travel requirements.

AI4Life successfully organised 10 hackathons throughout the project, summarised in the following table.

Date	Location	Summary
October 2022	Heidelberg, Germany	In October 2022, AI4Life partners identified key challenges to address over the following three years at the project kick-off meeting. Following the discussions, AI4Life organised a two-day hackathon . https://ai4life.eurobioimaging.eu/oct-2022-ai4life-first-hackathon/
February 2023	Milan, Italy	The Deep Learning in Java Hackathon focused on enhancing the accessibility of Deep Learning models in Java-based image analysis software tools. https://ai4life.eurobioimaging.eu/hackathon-deep-learning-in-java/
June 2023	Stockholm, Sweden	The AI4Life Hackathon on Web and Cloud Infrastructure for AI-Powered BioImage Analysis gathered experts from academia and industry to discuss and design web/cloud infrastructure for bioimage analysis using AI tools. Participants showcased various platforms, including BioImage Model Zoo, Fiji, ITK, Apeer, KNIME, ImJoy, Piximi, Icy, and deeplmagej. https://ai4life.eurobioimaging.eu/outcomes-of-the-hackathon-on-web-and-cloud-infrastructure-for-ai-powered-bioimage-analysis/
October 2023	Heidelberg, Germany	Following the 2nd General Assembly in Heidelberg, AI4Life hosted a Hackathon & Solvathon featuring two parallel tracks: <ul style="list-style-type: none"> – Hackathon: Focused on building and deploying AI tools for bioimage analysis, emphasising scalability and FAIRness. Projects included collaboration with EDAM & bio.tools, the BioImage Model Zoo, bioimage.IO Python packages, a chatbot for the BioImage Model Zoo, and more. – Solvathon: Experts worked on eight selected open-call projects. https://ai4life.eurobioimaging.eu/ai4life-hackathon-solvathon/
January 2024	Madrid, Spain	The Deeplmagej & Friends Hackathon was a collaborative event to enhance features related to Deeplmagej and the Fiji ecosystem. The focus was on improving key functionalities that streamline the entire image analysis pipeline, ensuring better integration, usability, and performance. This hackathon contributed to the broader



		mission of advancing open, accessible, and interoperable AI-powered tools for bioimage analysis.
March 2024	Heidelberg, Germany	AI4Life organised a “ Biolmage Model Zoo Enhancements ” hackathon to finalise a new model uploader, migrate Continuous Integration (CI) processes to GitHub, improve JupyterHub infrastructure, and restructure and enhance the Biolmage Model Zoo documentation. Additionally, the second Open Call review process started. The AI4Health innovation cluster supported the event. https://ai4life.eurobioimaging.eu/hackathon-summary-biolmage-model-zoo-enhancements/
May 2024	Milan, Italy	The Open Call & Challenges Mini-Hackathon covered the consultation phase of the second Open Call, with participants advising applicants on bioimage analysis challenges. Participants provided feedback on the AI4Life-MDC24 challenge pages, and infrastructure upgrades were made, including transitioning Hypha to BioEngine and integrating a Ray cluster for scalability. New tools for crowdsourcing annotations and an interactive annotation tool were developed, along with a project connecting Biolmage.IO with Kaibu for collaborative annotations. https://ai4life.eurobioimaging.eu/mini-hackathon-milan/
June 2024	Madrid, Spain	The AI4Life workshop, hackathon & uploathon focused on the Biolmage Model Zoo, AI tools, and bioimage analysis, offering hands-on learning. The hackathon saw teams work on projects like enhancing the uploader and developing new features for the Biolmage.IO Chatbot. At the same time, the uploathon allowed participants to apply what they had learned and fine-tune models for the Biolmage Model Zoo. https://ai4life.eurobioimaging.eu/ai4life-workshop-hackathon-uploathon-in-madrid-a-summary/
August 2024	Lisbon, Portugal	The Pre-symposium AI4Life Workshop & Hackathon: Trends in AI for super-resolution microscopy focused on fostering a scientific discussion between AI and super-resolution microscopy experts, particularly Single-Molecule Localization Microscopy. The hackathon allowed participants (especially PhD students and postdocs) to share their advances, find cross-field synergies, discuss practical problems and needs collaboratively, and learn



		about the tools developed within the AI4Life project. https://2024.smlms.org/pages/hackaton.html
October 2024	Milan, Italy	The hackathon , organised before the 3rd AI4Life General Assembly and I2K conference, focused on the review process for models in the Biolmage Model Zoo. The primary objective was to establish clear guidelines for reviewing models pending upload and to provide feedback on the review process to enhance its usability and accessibility.

AI4Life also participated in external hackathons organised by ELIXIR Europe (another LS RI) and the NFDI4DataScience project in Germany, where AI4Life engaged in FAIR Machine Learning and metadata standards projects. Further details on these are provided in the following table.

Date	Location	Summary
November 2022	Paris, France	AI4Life participated in BioHackathon Europe 2022 , contributing to two projects: FAIR Machine Learning model dissemination via BioModels and metadata schemas for Linked Open Science. The team explored interoperability between the Biolmage Model Zoo and databases like BioModels, discussing metadata standards. They also engaged with initiatives such as Bioschemas, DOME, EDAM ontology, and the ELIXIR Machine Learning Focus Group, paving the way for future collaborations. https://ai4life.eurobioimaging.eu/nov-2022-biohackathon-europe-2022/
November 2023	Cologne, Germany	AI4Life participated in the NFDI4DataScience Machine Learning mini-hackathons , participating in two sessions: <i>Machine Learning Lifecycle</i> (linked to the RDA FAIR4ML Interest Group) and <i>Metadata for Machine Learning</i> . https://ai4life.eurobioimaging.eu/ai4life-nfdi4datascience-mini-hackathons/



2.3. Collaborations with other EU-funded projects and initiatives

AI4Life has actively engaged with other EU-funded projects, industry and other initiatives to enhance the accessibility, usability, and interoperability of AI-based tools for bioimage analysis. These collaborations have strengthened the project's technical capabilities and expanded its network of stakeholders across the European research landscape.

2.3.1. Collaboration with AI4EOSC

AI4Life and AI4EOSC have joined forces to facilitate AI model deployment for bioimage analysis. AI4EOSC has developed an AI4OS-based platform tailored for AI4Life, enabling users to launch AI models using their computational resources. Currently, the platform supports v5 models, with efforts underway to extend compatibility to v4 models. This collaboration ensures users can access scalable computing infrastructure while benefiting from AI4EOSC's expertise in federated AI services. More details on this partnership can be found at:

<https://ai4life.eurobioimaging.eu/ai4life-and-ai4eosc-join-forces-to-facilitate-ai-model-deployment-for-bioimage-analysis/>

2.3.2. Collaboration with EGI

AI4Life collaborates with the European Grid Infrastructure (EGI) to integrate distributed computing resources into the BMZ. This integration will allow users to leverage high-performance and cloud computing environments for AI-driven bioimage analysis.

2.3.3. Engagement with the AI4Europe Platform

AI4Life joined the [AI4Europe](#) community, a collaborative platform dedicated to advancing AI research and innovation across Europe. At the core of AI4Europe is the AI-on-Demand (AIoD) platform, a community-driven hub designed to promote quality, trustworthiness, and explainability in AI solutions.

<https://ai4life.eurobioimaging.eu/ai4life-joins-ai4europe/>

2.3.4. Engagement with industry

AI4Life actively engages with industry partners to ensure that AI-based bioimage analysis tools are widely adopted and integrated into existing workflows. One example is the collaboration with AIVIA, a commercial software from Leica. Through this partnership, AI4Life is working to enable the consumption of models from the BMZ within AIVIA, expanding the accessibility of AI-powered bioimage analysis to a broader user base. <https://ai4life.eurobioimaging.eu/ai4life-leica-collaboration/>

2.4. Other communication activities

AI4Life was selected by the European Commission Directorate-General for Research and Innovation (DG-RTD) to be showcased at the European Research and Innovation (R&I) Days 2024. The event, held on March 20–21, 2024, in Brussels, provided a unique platform to present AI4Life to policymakers, researchers, and key stakeholders shaping the future of European research and innovation (Figure 4). This recognition highlights the project's relevance and impact on the European landscape. More information at <https://ai4life.eurobioimaging.eu/ai4life-chosen-by-the-european-commission-to-be-showcased-at-ri-research-days-2024/>



Figure 4. AI4Life was featured by the EC DG Research and Innovation at the European R&I Days 2024 booth in Brussels.

The EC Directorate-General for Research and Innovation recognised AI4Life as a success story on its website in February 2025, highlighting its significant impact on AI-powered bioimage analysis in Europe. This recognition underscores AI4Life's role in breaking down barriers to AI adoption and fostering collaboration with initiatives like [AI4EOSC](#) to strengthen the EOSC research ecosystem. The entire success story can be accessed at:

<https://projects.research-and-innovation.ec.europa.eu/en/projects/success-stories/all/making-ai-accessible-life-science-research>

AI4Life actively supported the Life Science Research Infrastructures (LS RIs) by providing slides, a poster (Figure 5) and a factsheet (Figure 6) to facilitate dissemination within their communities, ensuring broader visibility and engagement with AI4Life's initiatives.

Funded by
the European Union




-

- 

The banner features a central navigation bar with the following elements from left to right:

- Life Science Community:** Represented by a microscope icon and the text "LIFE SCIENCE COMMUNITY".
- Software:** Represented by a vertical bar with the text "SOFTWARE".
- AI Models:** Represented by a vertical bar with the text "AI MODELS".
- Standards:** Represented by a vertical bar with the text "STANDARDS".
- AI Methods:** Represented by a vertical bar with the text "AI METHODS".
- Computer Science Community:** Represented by a laptop icon with a brain on the screen and the text "COMPUTER SCIENCE COMMUNITY".

The central text of the banner reads "AI4Life" in a large, bold, sans-serif font, with the URL "ai4life.eurobioimaging.eu" below it. The background is a light blue gradient with stylized white clouds.

 www.ai4life.eurobioimaging.eu
 ai4life@eurobioimaging.eu
 [@AI4LifeTeam](https://twitter.com/AI4LifeTeam)



<https://www.youtube.com/@ai4life>

OPEN CALL
for BioImage Analysis Support

Analysis of the fiber profile of skeletal muscle

Emiliana Giacomello
University of Trieste (Italy)

sketching → instance segmentation → tracking → classification

OPEN CALL
for BioImage Analysis Support

Atlas of microalgae in plankton symbioses revealed by 3D electron microscopy

Johan Decelle, Ananya Rao Kedige, Gaëlle Toullec
LPCV, CNRS (France)

semantic segmentation → 3D images

AI4Life
ai4life.eurobiomaging.eu

OPEN CALL
for Bioimage Analysis Support

**Leaf tracker
plant species pool**

Sofia Bengoa Luoni
University of Wageningen (Netherlands)

tracking instance segmentation




OPEN CALL
for Bioimage Analysis Support

**Image-guided gating strategy
for image-enabled
cell sorting of phytoplankton**

Moritz Winker
EMBL Heidelberg (Germany)

feature selection classification




OPEN CALL
for Bioimage Analysis Support

**Treat
Chronic Kidney Disease**

Nathalie Gayraud, Juliana Boukhaled, Irene Cortijo
RD Néphrologie (France)

semantic segmentation quantification




OPEN CALL
for Bioimage Analysis Support

**SCEF, a RhoG-specific GEF, regulates
lumen formation and collective cell
migration in 3D epithelial cysts**

Madeline Lovejoy and Rafael Garcia-Mata (PhD)
The University of Toledo, Garcia-Mata Lab

tracking instance segmentation



OPEN CALL
for Bioimage Analysis Support

**Automated and integrated
cilia profiling**

Shivani Batra, Lindsey Margewich,
Jessica M. Adams, Martin F. Engelke
Illinois State University (USA)

detection instance segmentation quantification




OPEN CALL
for Bioimage Analysis Support

**Identifying senescent cells
through fluorescent microscopy**

Ana Filipa Isidro
Instituto de Medicina Molecular João Lobo Antunes (Portugal)

detection instance segmentation quantification



3. Future activities

Beyond past activities, AI4Life will continue to expand its engagement in the upcoming months, with several events on the horizon. A good example is the AI4Life–[GloBIAS](#) (Global BioImage Analysts' Society) joint webinar series from February to August 2025 (Figure 7). This series, featuring online sessions every other month, will provide researchers with insights into AI-based bioimage analysis, demonstrating tools tailored to the needs of the life sciences community and further expanding the project's reach on the global level.

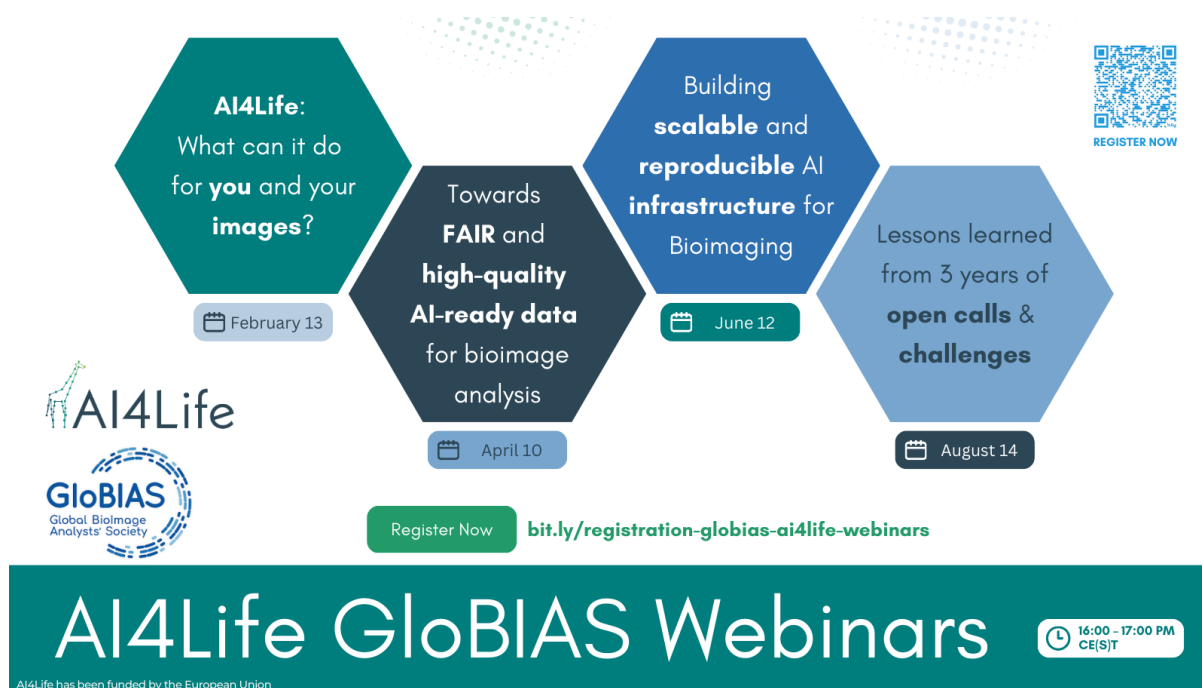


Figure 7. Flyer for the AI4Life–GloBIAS webinars.

In addition, AI4Life will participate in the [Euro-BioImaging All Hands Nodes Meeting 2025](#) in March, hosting a workshop designed to gather feedback from the Euro-BioImaging Nodes. The [Euro-BioImaging Image Data Community Days](#) will offer another platform for dissemination through a week-long online event in April 2025. A significant community event will take place in Helsinki in May, featuring workshops and project presentations, marking the final in-person community gathering of the project (Figure 8).

AI4Life Community Event

**SAVE
THE
DATE**

Inspiring talks

Interactive workshops

Networking

Open Calls outcomes

Future planning

May 27-28, 2025



AI4Life Community Event



 Katajanokan Kasino, Helsinki, Finland

 May 27-28, 2025

<https://bit.ly/registration-ai4life-community-event>

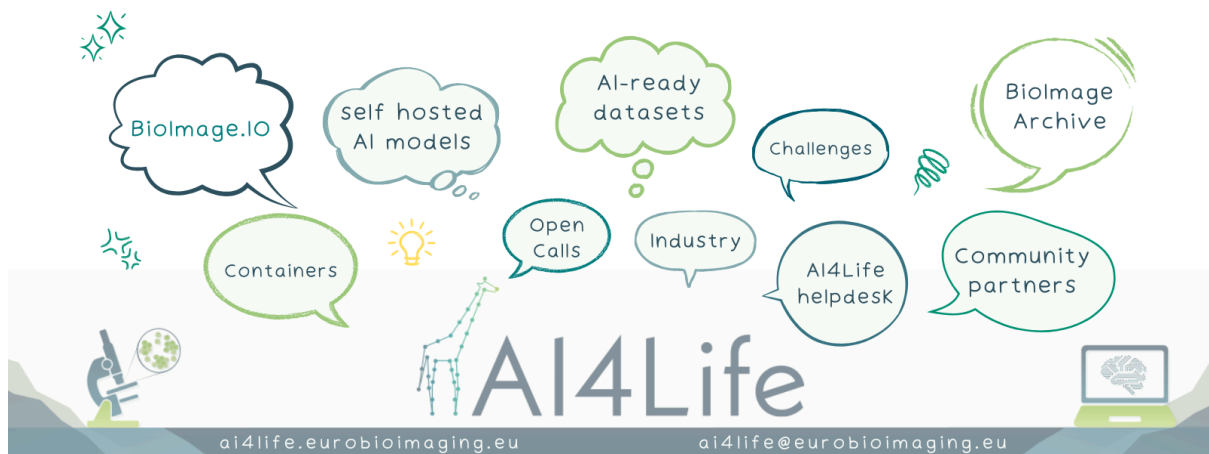


Figure 8. Save the date and official flyer for the AI4Life community event.

Beyond the project's official timeline, AI4Life continues to receive invitations for outreach activities, which project members will carry out.



4. Conclusion

The AI4Life project has made significant contributions to a wide range of scientific communities thanks to the LS RIs. The project's diversity of activities, from conferences and workshops to hackathons, has played a role in raising awareness, building community engagement, and driving the adoption of its services.

