

EU-RESOLVE COST Action



1st EU-RESOLVE Conference & Training School, 16-18 June 2026, Porto, Portugal

Dear EU-RESOLVE Members,

As we wrap up an extraordinary first year of EU-RESOLVE, we are thrilled to share that our community has grown significantly, now counting over 440 members across 39 countries. A warm welcome to all our new members and a sincere thank you to everyone who has helped build such a vibrant and collaborative scientific environment over the past year.

Stay tuned — we have exciting networking activities planned for Year 2, and we look forward to your active participation.

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EU-RESOLVE Conference & Training Schools

EU-RESOLVE Marks Milestone Inaugural Conference and Training School in Porto

Over three dynamic days from June 16 to 18, 2026, the inaugural **EU-RESOLVE Conference** was held at the Hotel Timbre Heroísmo, in Porto, Portugal, signaling a major leap forward in biomedical research across Europe. Gathering 146 participants—including 62 Early-Career Investigators (ECIs)—the landmark event brought together academic researchers, clinicians and industry partners to explore the paradigm shift from anti-inflammation to active resolution biology. The conference showcased 31 oral presentations, 24 flash talks, and 27 poster presentations, spanning cardiovascular, metabolic, neurological, infectious, respiratory, and fibrotic diseases.

Leading experts set the tone across key scientific sessions, presenting groundbreaking insights on pro-resolving mediators and clinical strategies:

- **Opening Session: Prof. Charles N. Serhan** (Harvard Medical School) shared insights on resolvins and novel pro-resolving mediators derived from the acute inflammatory response.
- **Clinical Translation of Resolution Biology: Dr. Runhild Gammelsæter** (Arctic Biosciences) introduced a new therapeutic paradigm for pro-resolving therapies in psoriasis, while **Prof. Thomas Jonassen** (Synact Pharma & Resother Pharma) outlined a dual clinical strategy for resomelagon (AP1189), a biased melanocortin receptor, in inflammatory diseases and as host-directed therapy in viral infections.
- **Resolution Biology in the Clinic: Prof. Magnus Bäck** (Karolinska Institutet) proposed shifting cardiovascular prevention from anti-inflammation to pro-resolution, and **Prof. Andreas Ramming** (Universitätsklinikum Erlangen) presented the clinician's view on dysregulated resolution in chronic diseases.

Dr. Shailendra Gupta (University of Rostock) led the interactive workshop “Practical AI Tools for the Inflammation Resolution Community: From literature to data, figures and manuscripts”. The workshop introduced researchers to practical AI-supported workflows for literature analysis, data interpretation, figure preparation, and scientific writing, while emphasizing responsible AI use and critical evaluation of AI-generated outputs.

The success of this inaugural meeting was made possible through the leadership of the Scientific Organising Committee and the dedication of the Local Organising Committee, led by researchers from the University of Porto in partnership with Karolinska Institutet.

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Empowering the Next Generation: Science and Health Communication School

Held alongside the network-wide meeting on June 16, the **1st EU-RESOLVE Training School on Science and Health Communication** welcomed 133 participants, including 54 ECIs. Designed to equip researchers with essential dissemination skills, the training school focused on converting complex biomedical concepts into clear, engaging messages for stakeholders, media, and the general public. The session featured **Prof. Amiram Ariel** (University of Haifa), who spoke on the role of serendipity in scientific breakthroughs, followed by two hands-on sessions led by **Dr. Tiago Durães** (University of Porto) on framing scientific narratives for diverse audiences.

EU-RESOLVE Conference Awards

During the Awards Ceremony, six early-career researchers were recognized for their work presented at the conference: **Dr. Denise Biagini** and **Dr. Jianmin Chen** won the Oral Presentation Awards, **Dr. Tarvi Teder** and **Dr. Agnieszka Kij** earned the Flash Talk Presentation Awards, and **Dr. Matilde Santos** and **Dr. Alexia Malnight-Alvarez** received the Poster Presentation Awards.

View the event photos here:

- <https://euresolve.eu/events/1st-eu-resolve-conference-and-training-school-16-18-june-2026-porto-portugal/>
- <https://photos.app.goo.gl/fztQpNwDVSTdEZRx8>

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SAVE THE DATE!

2nd EU-RESOLVE Conference & Training School, 8–10 June 2027, Pisa, Italy



Mark your calendars for the next EU-RESOLVE Conference & Training School, taking place at the Meeting Art Craft Centre (M.A.C.C.), in Pisa, Italy, from 8–10 June 2027.

This major gathering is being led and organized by our dedicated local colleagues, Prof. Tommaso Lomonaco and Dr. Denise Biagini, who are coordinating the effort to bring our community together for an inspiring meeting. Participants can look forward to a program featuring a Training School, International Keynotes, Oral & Poster Sessions and Networking & Social Events.

Stay tuned for more details about the programme and registration!

We look forward to bringing the EU-RESOLVE community together in Pisa!

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EU-RESOLVE Working Groups — Updates

WG1 — Harmonization of Definitions and Creation of a Joint Research Agenda

Advancing a Common Definition of Inflammation Resolution and a European Research Agenda

Over the past six months, Working Group 1 (WG1) has made significant progress towards its two central objectives: establishing a harmonized definition of inflammation resolution and developing a shared European research agenda. Through regular meetings and collaborative activities, WG1 has strengthened scientific exchanges across disciplines and disease areas.

1. Towards a consensus definition of inflammation resolution: the Delphi initiative

A major priority has been the development of a structured **Delphi questionnaire**, coordinated by Dr. Helen Griffiths and the WG1 definition subgroup.

- **An advanced questionnaire under final refinement:** Following several rounds of internal discussions and expert contributions, a comprehensive questionnaire has been developed. It is currently being refined ahead of pilot testing and wider circulation within the EU-RESOLVE network.
- **A broad scientific scope:** The questionnaire addresses seven complementary domains:
 - Fundamental definitions and principles of resolution, including homeostasis, allostasis and restoration of tissue function.
 - Cellular and humoral mechanisms, including neutrophils, macrophages, efferocytosis and immune–stromal interactions.
 - Molecular pathways, lipid and non-lipid mediators, transcriptional regulation and metabolic reprogramming.
 - Failure of resolution and its contribution to chronic inflammation, fibrosis and tissue damage.
 - Biomarkers and functional endpoints for monitoring successful resolution.
 - Common and tissue-specific mechanisms across inflammatory diseases.
 - Therapeutic opportunities and clinical translation of resolution-targeted interventions.
- **A rigorous consensus-building strategy:** The Delphi methodology will involve successive rounds of expert consultation, using structured statements and agreement scales to identify areas of consensus, refine definitions and highlight unresolved scientific questions.

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- **Expected impact:** This initiative aims to provide a common conceptual framework, harmonised terminology and measurable criteria for resolution, facilitating comparisons between experimental models and supporting future clinical studies.

2. Building a joint European research agenda

In parallel, the Research Agenda subgroup, coordinated by Jan Frič, has made substantial progress in identifying shared scientific priorities and collaborative opportunities.

- **Mapping European expertise:** A network-wide questionnaire collected 147 responses representing 125 institutions, providing an overview of research expertise, disease interests and potential collaborations across EU-RESOLVE.
- **Identifying cross-cutting priorities:** Rather than organising research exclusively around individual diseases, WG1 has prioritised shared biological processes, particularly chronic inflammation, infection and fibrosis, to encourage interdisciplinary collaborations.
- **From mapping to implementation:** A consolidated draft Research Agenda has been prepared, incorporating WG1 members' contributions. Proposed actions include thematic research clusters, shared expertise and platforms, short-term scientific missions, joint publications and coordinated funding applications.
- **Next steps:** The Research Agenda is being prepared for discussion with WG3 and the Management Committee, with the aim of aligning research priorities and supporting collaborative projects across the network.

3. Scientific publications and dissemination

WG1 is also translating these activities into coordinated scientific outputs:

- **A comprehensive review**, provisionally entitled *“Defining Inflammation Resolution: A Unified Immunological Framework”*, is being developed to integrate current knowledge of resolution mechanisms across tissues and diseases.
- **A clinical perspective article** has been initiated to connect fundamental resolution biology with clinical challenges, integrating contributions from WG1, WG3 and WG4.
- **Scientific exchanges and dissemination**, including the Porto EU-RESOLVE meeting and the webinar series, continue to strengthen interactions and promote knowledge sharing.

Looking ahead

[Meet the Research Agenda deliverable \(Month 12\)](#)

[Work towards the Definition Agenda \(Month 18\)](#)

[Progress to publish the Consensus report on mechanisms in Resolution Biology \(Month 24\)](#)

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Together, these complementary initiatives will help establish a shared scientific narrative for inflammation resolution and strengthen the foundations for coordinated, multidisciplinary and translational research across Europe.

WG2 — Development of Standard Operating Procedures (SOPs)

In WG2, we have been:

- sending out a questionnaire to the EU-COST members to identify areas in which to generate SOPs in spring 2026
- because number of responses doesn't reflect on the whole EU-RESOLVE network yet, we sent out the questionnaire again to get a better coverage of the whole COST ACTION
- the plan is to write SOPs regarding preanalytics of oxylipin collection, oxylipin analysis and also in vitro methods regarding to determine resolution of inflammation
- the research group of WG2 leader, Prof. Oliver Werz, is organizing an interlaboratory trial with his postdoc Robert Hofstetter regarding oxylipin analysis in which the EU-COST action network is encouraged to participate.

WG3 — Defining Mechanisms that Regulate the Resolution of Inflammation

WG3's overarching aim is to define the mechanisms that regulate the resolution of inflammation by fostering multidisciplinary and multisectoral collaboration in Resolution Biology. To achieve this, our first mission was to map the expertise across the EU-RESOLVE network, which comprises more than 350 members, through a comprehensive survey.

Following a substantial response from participants, the collected information is now being curated for publication on the EU-RESOLVE website (in the very near future). This resource will help members identify relevant expertise, connect with potential collaborators, and easily find the appropriate contact person for specific research interests. This initiative aims not only to strengthen the existing collaborations but also to promote the Early Career Researchers networking, mainly through facilitating the Short-Term Scientific Missions (STSMs).

The drafting of a consensus report on the mechanism of action of resolution biology, and their regulation, has also been a priority, in a joint effort with other working groups, such as WG2 and WG4.

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WG4 — Identify Novel Resolution Biology-Based Targets

Working Group 4 (WG4) aims to harness expertise from diverse scientific disciplines and sectors to advance the development and evaluation of innovative Resolution Biology-based therapeutic targets for chronic inflammatory diseases.

During the first year of the EU-RESOLVE COST Action, WG4 met each month virtually and in person in Porto at the 1st EU-RESOLVE Conference. With contributions from Dr. Débora Ferreira (Portugal), Dr. Martin Schlegel (Germany), and Dr. Leonardo Martin (Belgium), WG4 organized its members into five specialized clusters based on their areas of expertise: (1) Autoimmune, Hematological, and Systemic Inflammatory Disorders; (2) Metabolic and Cardiovascular Diseases; (3) Tissue Repair, Fibrosis, and Regeneration; (4) Cancer and Tumor Microenvironment; and (5) Neuroinflammation and CNS Disorders. These clusters will collaborate to develop a framework for creating guidelines that support the discovery of new Resolution Biology-based treatments and streamline their translation into clinical practice.

WG4 also aims to assess the therapeutic potential of existing Resolution Biology-based agents and identify novel pro-resolving mediator-based biomarkers for prognosis and diagnosis, laying the foundation for more effective management of chronic inflammatory conditions.

In parallel, Dr. Jianmin Chen has coordinated WG4 presentations at the EU-RESOLVE webinars, and Dr. Cristina López-Vicario is working to provide opportunities for young researchers by encouraging them to present flash talks in the WG4 meetings. We will also work with the group to create a framework for educational videos that highlight the potential utility of resolution-based drugs and offer new training and networking opportunities.

WG5 — Establishing a Curated Knowledge Hub

Over the past six months, Working Group 5 has made strong progress towards an open-access, community-curated knowledge hub for inflammation resolution biology. Membership has grown to 80 approved members (from 71 in May).

Our work was presented at the first EU-RESOLVE Conference and Training School in Porto, a dedicated webinar on 30 September, and the 10th Disease Maps Community Meeting in Rostock.

Highlights from WG5 Activities:

- **Specialized Pro-resolving mediator Interactome (SPIN)**, developed at the University of Rostock, uses large language models to extract information on specialized pro-resolving mediators, their receptors and targets from 2,348 PubMed publications, building an evidence-linked knowledge graph. First analyses in knee osteoarthritis point to candidate targets for experimental validation.

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- **Disease-map resources** continue to expand, including the Atlas of Inflammation Resolution, osteoarthritis and pain atlases (presented by Suman Muralidharan, Paulina Christen), a multi-compartment MASLD model (demonstrated by Matti van Welzen), the Pathway Converter tool (presented by Abrar Zahin), and LUMINAR, presented by Matti van Welzen, a tool that lets researchers interpret their own experimental data on disease maps using natural-language questions.
- **Training:** an interactive workshop in Porto led by Dr. Shailendra Gupta introduced researchers to practical, responsible AI workflows for literature, data and manuscripts, and a session on the use of disease maps.
- **Translation:** a book chapter on pro-resolving biomarkers for patient stratification is in preparation, and an osteoarthritis patient simulator is being linked to molecular disease maps.

AI-generated interactions must be checked against expert knowledge. WG5 is therefore establishing a community ground-truth dataset based on about 20 manually annotated publications, to benchmark and improve AI-assisted extraction.

We invite EU-RESOLVE members to help shape the SPM Knowledge Hub.

If you have expertise in SPM biology, lipid mediators, receptor signalling, immunology or inflammation resolution, you can review publications, annotate molecular interactions, and validate AI-generated knowledge.

WG6 — Science Communication, Dissemination and Exploitation

Working Group 6 continues to drive EU-RESOLVE's visibility, digital infrastructure, and community outreach through several key initiatives:

- **Website enhancements:** Update of members' information & development of members section; inclusion of tools to foster collaborative research (map of expertise; list of labs/research groups available to receive STSMs); YRIs forum; Grant reports; Resources (SPM podcast); News (Weekly webinars).
- **Social Media Engagement (Linkedin & Instagram):** Weekly updates on EU-RESOLVE events (*webinars, workshops, meetings and training schools organised or supported by the Action*); opportunities (*calls for STSMs, travel grants and Virtual Mobility Grant*); news on members' STSMs and travel grants experiences.
- **Stakeholder Analysis and Engagement Strategy:** Support of the stakeholder analysis framework completed by Dr. Theo Zacharis.

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- **Conference Abstract Publication:** Partnership with *RISE Health Research Journal* (Wolters Kluwer/LWW) to publish the abstracts from the 1st EU-RESOLVE Conference & Training School as open-access proceedings.
- **Perspective & Opinion Article:** Drafting of a joint article for *RISE Health Research Journal* aimed at raising awareness of Resolution Biology among clinical communities.
- **Science Communication Plan (SCP):** Elaboration of a detailed roadmap covering our communication, dissemination, and valorisation activities. The SCP is now complete and awaiting discussion by the Management Committee.

Young Researchers and Innovators (YRIs): Connecting, Learning and Growing Together

Young Researchers and Innovators (YRIs) are actively involved in multiple areas of the EU-RESOLVE COST Action, playing a key role in fostering inclusion, networking, scientific exchange, and professional development. Through a range of coordinated initiatives, they help strengthen the YRI community, promote collaboration across Working Groups and countries, and enhance the visibility and impact of the Action.

Scientific exchange: Sixteen oral presentations and nine flash talks by YRIs during the 1st EU-RESOLVE conference and training school (16-18 June 2026, Porto, Portugal) allowing them to share and discuss their results with experienced and well-known researchers in lipid mediator biology. Ten YRI research presentations delivered through weekly webinars, providing opportunities to share ongoing research, exchange ideas, and foster scientific collaboration.

Capacity building: A four-part grant-writing webinar series running from April to October 2026, featuring successful grant recipients and experienced researchers in the field: Dr. Geraldine Canny (Episode 1, April 24), Dr. Luís Miguel Cardoso dos Santos (Episode 2, May 8), Prof. Emma Börgeson (Episode 3, May 26), and Dr. Linda Grillova (Episode 4, October 23).

Training: The first YRI Training School on Science and Health Communication, held in Porto (2026) and hosted by Dr. Tiago Durães, welcomed 54 YRI participants, offering valuable opportunities to develop communication skills and strengthen professional competencies.

Networking and collaboration: Promotion of around twenty Short-Term Scientific Missions (STSMs), Travel Grants, and scientific collaborations across Europe, facilitating mobility, knowledge exchange, and connections between researchers.

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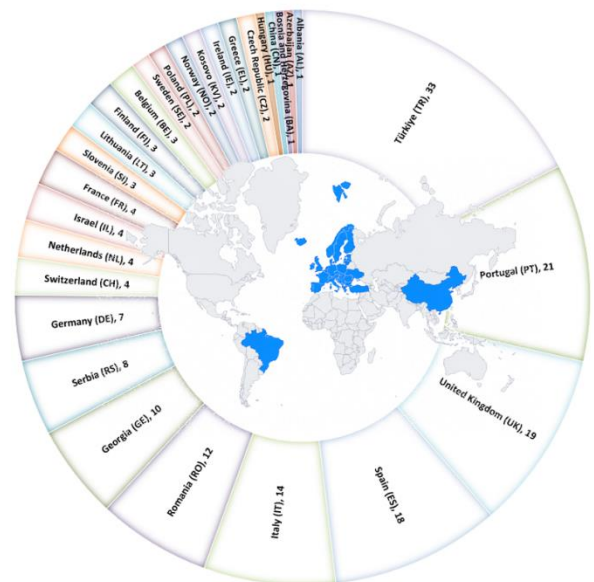
Communication and dissemination: Active engagement through Microsoft Teams, mailing lists, LinkedIn, Instagram, and the EU-RESOLVE website, which features a dedicated section for YRIs. The YRI-led social media team including Nino Sharikadze, Carolina Pereira, Ketí Mekvabidze and other young researchers, actively promotes EU-RESOLVE activities and achievements across the community.

Community growth: Engagement of approximately 200 YRIs from 29 countries, fostering an international network that strengthens collaboration and increases the visibility of the EU-RESOLVE COST Action.

Get involved!

Join our YRI community, stay connected, and follow us on social media to keep up with our latest activities, opportunities, and achievements.

- **Instagram:**
https://www.instagram.com/eu_resolve
- **LinkedIn:**
<https://www.linkedin.com/company/eu-resolve>



Join our ECI team and stay up to date by getting in touch with us via ecic.cost24138@gmail.com!

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EU-RESOLVE Webinar Series

Wednesdays, 14:15 (GMT/UTC Winter Time; GMT+1/UTC+1 Summer Time)

Our weekly online webinars offer a dynamic space for knowledge sharing, scientific discussion, and collaboration. They give Action members a platform to present research, share ongoing work and recent findings, and explore emerging topics in Resolution Biology alongside colleagues from diverse backgrounds and institutions. The interactive format fosters engaging Q&As, idea exchanges, and new scientific connections across our network. All webinars are recorded and made available on the EU-RESOLVE Teams channel.

Check here the **past and upcoming webinars**:

<https://euresolve.eu/category/events/webinars/>

Join us every week to take part in the discussion, share your insights, and connect with the community!

If you are not receiving the Teams link for these webinars, please contact Ms. Jane Batchelor (j.batchelor@qmul.ac.uk).

Other Events Supported by or Involving EU-RESOLVE Members

Past Events

10th European Workshop on Lipid Mediators, 1–3 July 2026, Paris, France

The EU-Resolve team has attended the 10th European Workshop on Lipid Mediators in Paris. During the EU-RESOLVE sponsored session, the team contributed with the presentation “Introducing COST-EU-Resolve”, featuring Jesmond Dalli, Cristina López, Denise Biagini, Joan Clària, Mauro Perretti, and Ana María Briones. The session highlighted the network’s activities, Working Groups (WG1–WG6), opportunities for young researchers, and key concepts in inflammation resolution. Many other members of EU-RESOLVE community also attended the meeting and presented their research findings, further contributing to the scientific exchange and visibility of the network. Held at the Institut Pasteur Conference Center, the workshop brought together international experts working on bioactive lipid mediators and their roles in inflammation, immunity, and disease and provided an excellent platform for scientific exchange and collaboration.

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5th MC/WG Meeting of the COST Action ATHERONET (CA21153), 2–4 September 2026, Prague, Czechia

Prof. Jesmond Dalli represented EU-RESOLVE at the final meeting of the Atheronet COST Action, introducing our Action's vision and highlighting the shared research interests and potential synergies between EU-RESOLVE and several other COST Actions (ATHERONET, InflammoX, CardioPharmaNet, CardioRNA, and MetaHeart). The outreach strengthens inter-Action collaboration and expands EU-RESOLVE's visibility across European cardiovascular and inflammation research networks.

WCI 2026 – 17th World Congress of Inflammation, 8–12 September 2026, Foz do Iguaçu, Brazil

EU-RESOLVE members —Amiram Ariel, Charles Serhan, Magnus Back, Mauro Perretti, Valerio Chiurciu, Veronique Witko-Sarsat, and Xavier Norel — actively contributed as session chairs and featured speakers at WCI 2026, held in Foz do Iguaçu, Brazil, from 8–12 September 2026. Organised biennially by the International Association of Inflammation Societies (IAIS), this major international event provided a prime platform to advance global discussions and collaborations in resolution biology.

European Researchers' Night Initiative, 25 September 2026, Georgia: The EU-RESOLVE community joined the online Pitch. Connect. Match (P2M) session, held at Tbilisi State Medical University, Georgia. During this 1.5-hour dynamic event, 14 final-year medical students delivered 3-minute pitches, and interacted with EU-RESOLVE Members who asked questions, shared expertise, and explored potential mentorship or future collaborations.

The 10th Disease Maps Community Meeting, 5–7 October 2026, Rostock (Germany). The meeting was organized by the Department of Systems Biology and Bioinformatics at the University of Rostock. This event brought together researchers working on AI-assisted knowledge curation, disease mapping, computational modelling, and clinical translation. More than 10 EU-RESOLVE members actively contributed to the meeting, presenting developments related to SPIN, LLM-assisted graph extraction, LUMINAR, endometriosis, osteoarthritis and pain-signaling models, and MASLD disease maps. The event strengthened collaborations between EU-RESOLVE and the international Disease Maps Community and highlighted opportunities for developing shared computational resources.

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Upcoming Events

MASLD & EGIR, Joint Annual Meeting, 23-25 November 2026, Maastricht, the Netherlands

We are pleased to invite you to the Joint Annual Meeting of the European MASLD Study Group and the European Group for Insulin Resistance (EGIR), taking place in Maastricht, The Netherlands, 23-25 November 2026.

Registration is now open.

More information here:

<https://euresolve.eu/events/masld-egir-meeting/>

5th Resolution Days: The resolution of inflammation: new avenues and opportunities for innovative therapeutics? 12—16 April 2027, Costa Brava (Girona), Spain

We are pleased to announce that the 5th edition of the Resolution Days (RSD-V) will take place in Sant Feliu de Guíxols, Costa Brava, Spain. RSD-V will be organized as a joint meeting with the EFIS Study Group on Innate immunity in Sterile Inflammation, Autoimmunity, and their Resolution (iiSIAR).

The congress will be held over three days, from **April 12th to 16th, 2027**, at the Eden Roc Hotel (Spain) with a main focus on the biological mechanisms underlying the resolution of inflammation and the therapeutic opportunities inspired by this process. Key topics will include ageing, regeneration, metabolism, and cancer, and how each of these areas intersects with and influences the resolution of inflammation. We have chosen a venue that combines accommodation, catering, and conference spaces in one location, thereby fostering interaction, collaboration, and an enjoyable atmosphere for all participants. Registration fees are all inclusive, covering accommodation, meals, and attendance to conferences.

The program includes key opinion leaders in the field as speakers. We also aim to provide significant visibility to young researchers by allocating them in oral presentation slots and numerous poster sessions. Young Researchers are entitled to reduced registration fees and may apply to travel grants.

Registration is now open: <https://www.resolutiondays.co/registration>

Additional information is available here: <https://www.resolutiondays.co/>

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EU-RESOLVE Grants & Mobility: Year 1 Impact and Spotlights

Overview & Acknowledgements

During the first year, EU-RESOLVE has supported 16 STSMs (€28,004), 2 Virtual Mobility Grants (€3,000), 8 YRI Grants (€7,700), and 1 ITC Grant (€1,000).

The Grant Awarding Coordinator, Dr. Helike Löhelaid, would like to express her sincere gratitude to all members of the Evaluation Board for their valuable contribution, dedication, and commitment. Their time, expertise, and careful assessment of the applications have been essential to the successful implementation of the EU-RESOLVE mobility and grant activities during the first year.

Looking forward to another productive year of collaboration and exciting opportunities within EU-RESOLVE!

Take a look on the STSM and Conference Grant experiences of our EU-RESOLVE YRIs:

<https://euresolve.eu/category/grant-reports/>

Virtual Mobility Grant Spotlights

1. Stakeholder analysis delivered for EU-RESOLVE (COST Action CA24138)

Dr. Theo Zacharis | Greek Scientists Society

Dr. Theo Zacharis from The Greek Scientists Society (GSS) has completed a stakeholder analysis and engagement plan for EU-RESOLVE, a COST Action building a European Resolution Biology Network. The work was carried out under a Virtual Mobility Grant, with the coordination of Action Chair Prof. Jesmond Dalli applying the GSS-authored *From Mapping to Impact* framework.

The analysis identifies 51 external stakeholders across eight categories, from regulatory agencies and research infrastructures to industry, patient organisations and clinical networks. Each is traced to the Action's Memorandum of Understanding and scored through eleven complementary instruments, producing a tiered priority ranking: 19 in Tier 1, 26 in Tier 2 and 6 in Tier 3. Nineteen stakeholders are flagged as deliverable-critical, meaning at least one of the Action's formal deliverables cannot be produced or taken up without them.

The full set of outputs is published and openly accessible:

<https://euresolve.eu/grant-reports/virtual-mobility-grant-report-stakeholder-analysis-for-eu-resolve/>

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The next step is participatory: Working Group leaders, Task Force members and invited stakeholders will each score the same register independently through a collaborative workspace, so that the priorities become the Action's rather than a single analyst's.

2. Towards Reproducible Oxylipin Quantification: Harmonising LC-MS/MS Data Processing Across Laboratories

Dr. Robert K. Hofstetter | Friedrich Schiller University Jena



From left: Dr. Markus Werner and Dr. Robert K. Hofstetter. [Photo by Oliver Werz]

How much can LC-MS/MS data processing influence the final concentration reported for a lipid mediator?

Dr Robert K. Hofstetter from the Institute of Pharmacy at Friedrich Schiller University Jena used an EU-RESOLVE Virtual Mobility Grant to address this question and lay the groundwork for an international round-robin study within Working Group 2.

The project brought together an international expert panel to design a round-robin trial aimed at identifying major sources of variability in targeted oxylipin and specialized pro-resolving mediator (SPM) analysis. Particular attention was given to peak integration, signal-to-noise assessment, peak acceptance criteria, quantification strategies, and the treatment of low-abundance signals close to the reporting limit. A pilot study showed that these parameters, together with the software algorithms used in routine data processing, can affect not only the reported

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concentration but also the final decision as to whether a lipid mediator is detected in a biological sample.

The Virtual Mobility resulted in a draft study protocol for an international round-robin trial that aims to quantify inter-laboratory variability, isolate the contribution of data processing, and further develop harmonised community guidelines. Participating laboratories will analyse common physical samples and shared chromatographic datasets using their established workflows, followed by the development and prospective evaluation of harmonised data-processing criteria.

The next step is to launch the international round robin, with the long-term goal of improving the reproducibility and comparability of lipid-mediator measurements across laboratories.

Pro-tip: QMUL Sympa Mailing List Housekeeping

To ensure our communication remains efficient, inbox-friendly, and reliable across the entire EU-RESOLVE network, we kindly ask all members to observe the following list management procedures:

1. Help Us Ensure Email Delivery & Keep Contact Details Up to Date

Queen Mary IT has identified several common technical reasons why group email communications bounce or fail to deliver:

- **Full Mailboxes:** Reaching your account storage limit prevents new incoming messages from arriving.
- **Provider Policy Restrictions:** Certain domain providers (such as Yahoo) frequently reject bulk or list emails due to strict policy/security settings.
- **External Forwarding Restrictions:** Emails delivered to an institutional address may be blocked if your organization restricts automatic external forwarding.
- **Spam & Security Filters:** Messages can occasionally be misfiltered or rejected as spam by local network gateways.

What you can do:

- **Provide an alternative email address:** Adding a secondary or personal email address ensures you remain reachable if your primary institutional or domain filters block incoming list messages.
- **Report delivery issues:** If you or a colleague stop receiving regular network updates, please let us know promptly so we can verify and update your contact record.

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2. Observe Best Practices for List Replies

To avoid unnecessary "inbox clutter" for hundreds of network members:

- **Reply to Sender Only:** Unless the sender explicitly asks for a group response, please reply directly to the individual rather than replying to the entire Sympa list.
- **Spread the Word:** Please share this etiquette tip with any colleagues you are in touch with to help us maintain a streamlined flow of information.

Thank you for helping us keep our network communications organized, accessible, and running smoothly!

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Website

<https://euresolve.eu/>