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# EU-LIFE

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*Building and promoting excellence in the life sciences in Europe*

The priorities for the European Research Era Actions:  
perspective of research institutes

MARTA AGOSTINHO

Brno, 20 September 2022



# EU-LIFE

## Alliance of Independent Research Institutes

### IMPROVEMENT OF RESEARCH

- Science policy
- Develop /share institutional practices
- Each institute commits to IMPROVE
- Inspire others







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# VOICE OF RESEARCHERS TO POLICY LEADERS

## ERA Pact for Research and Innovation ERA FORUM

M. Agostinho | EU-LIFE Representing the group of Research Performing Organizations



EU-LIFE feedback for the ERA and Forum for Transition on values, principles and priorities of the ERA Pact

## Coalition for the reform research assessment

M. Agostinho | EU-LIFE in the core group & Implementation group

Mariya Gabriel,  
EC Commissioner



JE Paquet,  
Director General



Commissioner  
Moedas & Cabinet



**EU-LIFE Webinar**  
Moving forward in research assessment  
Perspectives from research institutes,  
researchers and funders

Perspectives from funding agencies and policymakers



Registrat  
now op  
**28 October**  
**12.30-14.**



**EU-LIFE Webinar**  
Opportunities for and of postdoctoral  
researchers in Europe



Meet our speakers!  
**18 June 2021**  
**15h-16h30 CET**



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# KEY POLICY OUTPUTS 2015- 2021

## REPRESENTATIVENESS

- ✓ **ERA FORUM**
- ✓ **Core Group Research Assessment**
- ✓ **ERA** stakeholders platform
- ✓ **Open Science** Policy Platform
- ✓ Individual researchers @ the **ERC** Scientific Council & Presidency (5) & European **Innovation Council** Pilot Advisory Board (1) & **Missions** (2), etc.
- ✓ Invited as key stakeholder to several meetings at the **EC, ERAC, EP, ...**

## > 30 EU-LIFE POSITION PAPERS

- ✓ H2020
- ✓ **Horizon Europe**
- ✓ **ERC**
- ✓ **European Innovation Council**
- ✓ European Health Council
- ✓ The future of health research
- ✓ **The European Research Area:** open science, open access, research assessment, careers in science, gender equality
- ✓ Research Infrastructure
- ✓ Plan S
- ✓ BREXIT
- ✓ Strategic Investment Fund
- ✓ The European MFF

## 8 EC PAPERS / REPORTS

Research **infrastructures** Long Term sustainability  
**Gender** Targets – EU Council; SHE FIGURES  
EC Code of Conduct of **Research Integrity**  
Open Science – **Rewards, Skills, Altmetrics** /  
Next generation metrics, **Citizen science**

## 19 EC OFFICIAL CONSULTATION PROCESSES

ERA: res assessment, careers, gender equality, ethics and RRI, open access  
H2020 mid-term consultation  
Foresight | Delphi study for FP9 (x2)  
FET FLAGSHIP consultation  
SWAFS H2020 (x2)  
Research Infrastructure  
Health – Societal Challenge 1; HERA  
EC MFF post 2020  
Missions  
Plan S  
Horizon Europe

## MEETINGS & EVENTS

Participation in + 150 policy meetings @ European level  
EU -LIFE webinar series: 2

## R&I strategy and funding



HORIZON EUROPE – HEALTH CLUSTER

EU Cancer Mission & EUROPE'S BEATING CANCER PLAN



ERC & MSCA

## NON-EU COUNTRIES IN R&I

### EU4HEALTH & HERA



## How science is done





1. Enable **Open Science**, including through the **European Open Science Cloud (EOSC)**
2. Propose an **EU copyright and data legislative framework** for research
- 3. Reform the Assessment System** for research, researchers and institutions
4. Promote attractive **research careers**, talent circulation and mobility
5. Promote **gender equality** and foster **inclusiveness**
6. Protect **academic freedom** in Europe
7. Upgrade EU guidance for a better **knowledge valorisation**
8. Strengthen **research infrastructures**
9. Promote **international cooperation**
10. Make EU research and innovation **missions and partnerships** key contributors to the ERA
11. An ERA for **green transformation**
12. Accelerate the **green/digital transition** of Europe's key industrial ecosystems
- 13. Empower Higher Education Institutions**
14. Bring **Science closer to citizens**
15. Build-up **research and innovation ecosystems** to improve excellence and competitiveness
16. Improve **EU-wide access** to excellence
17. Enhance public **research institutions' strategic capacity**
18. Support the development of EU countries' national processes for the **ERA implementation**
19. Establish an **ERA monitoring** system
20. Support research and innovation **investments and reforms**



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**IMPACT**



**CAPACITY**



**VALUES**

**Citizens engagement (A14)**

**Knowledge valorisation (A7)**

**Copyright and data legislative framework (A2)**

**Widening excellence (A16)**

**Empowering academic institutions (A13)**

**Capacity research organizations (A17)**

**Research Infrastructure (A8)**

**Careers in Research (A4)**

**Research Assessment (A3)**

**Gender equality and Inclusiveness (A5)**

**Open Science (A1)**

**Academic freedom (A6)**



## INSTITUTIONAL LEVEL

## For example:

### Delivering to patients

- PATIENT ORIENTED RESEARCH >100K patients / year
- TRANSLATIONAL & CLINICAL RESEARCH



### Delivering to industry

- PROFESSIONAL TECH TRANSFER
- ASSISTING RESEARCHERS & INNOVATORS
- COLLABORATION WITH INDUSTRY



### Creating R&I agendas

- LIFETIME: from single cell omics to healthcare



### Closing R&I gap

- Closing EU divide



### Building strong ecosystems

- INSPIRED 3 NEW ALLIANCES
- GENDER EQUALITY
- OPEN SCIENCE











# EU-LIFE

# Alliance of Independent Research Institutes

Hands-on guides & Policy briefs

**5 BEST PRACTICES FOR POSTDOC CAREER SUPPORT IN THE LIFE SCIENCES**



<b>Point of contact for postdocs</b> 	<b>Promoting early independence</b> 	<b>Providing appropriate working conditions</b> 	<b>Training key skills</b> 	<b>Providing career support</b> 
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Internal workshops

**EU-LIFE ERC Master Class**



“ I personally would see becoming an ERC grantee as a validation of my scientific contributions and further encouragement to pursue our cutting-edge science, with the funding support to extend our goals and increase our reach. ”

**Leila Akkari PhD**, Junior Group Leader, Netherlands Cancer Institute (NKI), Oncode Institute




## Research Career Support

Policy webinars & advocacy

**Welcome to the EU-LIFE Webinar!**  
Opportunities for and of postdoctoral researchers in Europe



 <b>Apostolia Karamali</b> Head of Unit R&I Actors and Research Careers, DG Research & Innovation, European Commission	 <b>Cecilia Cabello</b> ERAC Standing Working Group on Human Resources and Mobility
 <b>Mostafa Moonir Shawrav</b> Chair of the Executive Board of the Marie Curie Alumni Association (MCAA)	 <b>Rene Medema</b> Chair of EU-LIFE alliance

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European projects




**Emerald**  
International PhD Programme for Medical Doctors

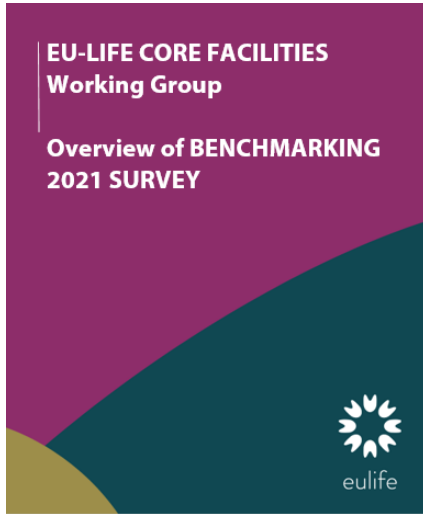


**PROTrEIN**  
Training of computational proteomics researchers



**ORION**  
open science

## Benchmarking financial & Operational models



## Careers & Recognition



### Acknowledging and Citing Core Facilities EMBO Reports

“Core facilities and research infrastructures are the technological lifeblood for life sciences research and they should be acknowledged and cited for their key contributions. This is an ethical obligation, akin to the rights of co-authorship, and will furthermore ensure the data lifecycle is fair.”

Lavanya Premvardhan  
Co-Chair of EU-LIFE Core Facilities Working Group  
& Core Facilities Coordinator at Institut Curie



Research infrastructures

## Policy & advocacy



## Events & workshops

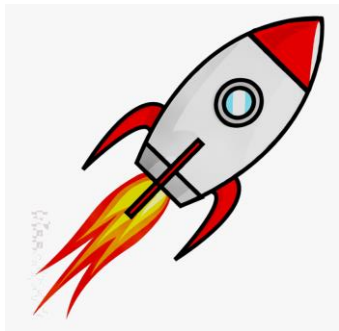
### TECH WATCH SERIES



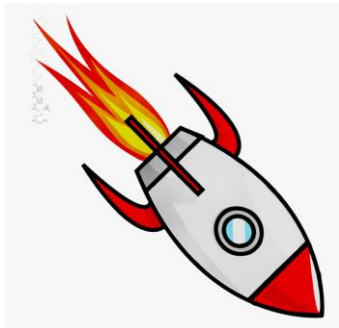


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## TO REFLECT UPON



- FULL SUPPORT to the new ERA
- ERA Actions are relevant - focus on key actions still to be achieved
- EC approach is inclusive



➤ Recognize that reduced and uncertain FUNDING of science is responsible for extreme competition and LIMITS IMPACT OF R&I

- Critical need for MORE COMMITMENT from member States
- Agenda should be MORE AMBITIOUS
- Directionality is important, but RESEARCHERS & RESEARCH must be at the centre
- The ecosystem is DIVERSE – University Initiative is not enough to implement ERA
- Investment at INSTITUTIONAL level is needed. Change must be promoted with incentives and funding



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# Thank you and stay tuned!



[www.eu-life.eu](http://www.eu-life.eu)



[@EULIFE\\_news](https://twitter.com/EULIFE_news)



[contact@eu-life.eu](mailto:contact@eu-life.eu)



### EUROPEAN SCIENCE POLICY

F S U N D I N E G G & Y	Horizon Europe	ERC
	Health Research	Widening
	Knowledge Transfer	

R P E S L E I A C R I C E H S	Careers	Assessment
	Open Science	Infrastructures
	Gender & Inclusivity	



### OPTIMAL ENVIRONMENT FOR RESEARCH

W G O R O K U I P N S G	Core facilities	Gender Equality, Diversity & Inclusion
	Grants & Funding Strategies	IT
	Recruitment & Training	Science Communication
	Technology Transfer	

T F A O S R K C E S	Indicators & Publications	Research Assessment
	Research Data Management	Research Infrastructures