

COST Action CA18131 ML4Microbiome



5th MC Meeting

9th June 2023

Cork



MICROBIOME

MC meeting Agenda

- 9.30-11.00 MC Meeting – Marcus & Randi
- 11.00- 11.30 Coffee break
- 11.00-12.30 Writing workshops (separate rooms)
- 12.30-13.30 Lunch
- 13.30-15.00 Writing workshops (separate rooms)

Action stats

Member countries: 35

Inclusiveness target countries
(ITCs): 19 (54%)

Country	Date	Country	Date
France	04/12/2018	Slovenia	30/01/2019
Luxembourg	04/12/2018	Sweden	30/01/2019
Bosnia and Herzegovina	05/12/2018	Estonia	31/01/2019
United Kingdom	05/12/2018	Spain	31/01/2019
Croatia	06/12/2018	Italy	04/02/2019
Ireland	06/12/2018	Czech Republic	08/02/2019
Latvia	11/12/2018	Portugal	12/02/2019
Cyprus	13/12/2018	Netherlands	07/03/2019
North Macedonia	17/12/2018	Turkey	12/03/2019
Israel	07/01/2019	Bulgaria	16/04/2019
Greece	10/01/2019	Romania	11/07/2019
Poland	14/01/2019	Lithuania	24/07/2019
Switzerland	14/01/2019	Albania	08/10/2019
Norway	17/01/2019	Denmark	09/10/2019
Hungary	18/01/2019	Finland	07/11/2019
Serbia	22/01/2019	Austria	10/03/2020
Germany	25/01/2019	Belgium	12/03/2020
		Slovakia	09/09/2022

2023 Action Statistics

Action Membership:

- 169 registered on e-COST
- 35 member countries
- 67 MC members
- 47 MC substitutes
- 52% from ITCs
- 44% Female/ 56% Male
- 48% Young Researchers

STSM Grants:

- 1 completed
- 3 in progress

Communication & Dissemination:

- 1 journal article published

Final report

- Due 20 September 2023

COST Action Monitoring and Final Assessment—Action Chairs

Welcome to the COST Action Monitoring and Final Assessment interface for Action Chairs.

Monitoring and Final Assessment of COST Actions helps COST to promote the achievements and impacts of your Action and secure the future of COST as a tool to support research networking in Europe. It is a requirement under the COST rules.

All information entered, with the exception of proposals for research funding and content in the “Other Matters” Section, may feature in the Action’s Achievement Report that is made publicly available by COST on its website.

Please remember that the report will be assessed by an Action Rapporteur. In order to facilitate the task of the Action Rapporteur please ensure that all the Action’s Deliverables and Outputs are accessible via the Action website and that, if requested, the Action Rapporteur is provided access to any password protected areas on the Action website.

⚠ For Actions that did PR2 in e-COST (code CAxxxxx) data on finalised activities entered by the Action Chair during PR2 has been copied to the FA data entry interface. It can still be edited by the Action Chair.

Thank you for your time in completing the information.

[Go to Keywords ▶▶](#)

Submit Action Chair Report

I, the Action Chair, confirm that the contents of the report have been approved by the Management Committee of the Action.

[Submit Report for Validation](#)

Report Reference:
CA18131-MFA-FA

🚨 Report due:
20 September,
2023

Report Status:

2 - Draft Action Chair

Checklist:

- ✓ Keywords
- X MoU Objectives
- X Deliverables
- X Additional Outputs
 - X Action Publications
 - X Proposals / Projects
 - X Other Outputs
- X Impacts
- X Dissemination
- ✓ Meetings
- X Other Activities
- X Exploitation
- X Action Successes
- X Other Matters
- X Summary

 [Preview report](#)

[Go to Submit](#)

MoU Objectives

Please self-assess and describe the level of achievement of each MoU Objective. [For any MoU Objectives that were less than 75% achieved please provide justification.](#)

Please provide proof to enable the Action Rapporteur to confirm the level of achievement.

Progress

Obj.1	Obj.2	Obj.3	Obj.4	Obj.5	Obj.6	Obj.7	Obj.8	Obj.9	Obj.10	Obj.11	Obj.12	Obj.13
X	X	X	X	X	X	X	X	X	X	X	X	X
▲												

MoU Objectives marked in grey need to be completed. The triangle indicates the current position.

MoU Objective 1

Objective description

Evaluate how well existing ML methods address the specific challenges, both separately and (especially when) combined

Objective type(s)

1.a - Development of a common understanding/definition of the subject matter

1.d - Comparison and/or performance assessment of a theory, model, methodology, technology or technique

Assessment

Level of Achievement of MoU Objectives *

-- Please select an option --

Proof of achievement of MoU Objective

-- Please select an option --

76 - 100%

51 - 75%

26 - 50%

0 - 25%

OT.1

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 [Preview report](#)

[Go to Submit](#)

Assessment

Level of Achievement of MoU Objectives *

-- Please select an option --

Proof of achievement of MoU Objective



p

Words: 0

10 to 500 words. For technical reasons please use only "explicit" hyperlinks (e.g. <http://www.cost.eu/>) and not "implicit" links (e.g. [link](#)) to ensure accessibility of the link in PDF generated from this input.

Please add here a link (or other evidence) to enable access for those that read the report.

Dependence of achievement on the Action networking *

-- Please select an option --

-- Please select an option --

High

Medium

Low

◀ Save and View Previous

Save

Save and View Next ▶

Deliverables

Action Deliverables are distinct, expected, and tangible outputs of an Action which are meaningful in terms of the Action's overall Objectives, such as reports, documents, technical diagrams, software, etc.

This section covers only Deliverables that were foreseen for the Action, not Additional Outputs that were generated during the Action (these Additional Outputs will be added in the following section). Please select and comment on the level of achievement of each Deliverable as well as the extent to which the Deliverable's achievement was dependant on the Action networking.

For deliverables that are:

- delivered, please provide proof to enable the Action Rapporteur to confirm the delivery.
- not delivered but delivery is foreseen within 2 years, please explain how the delivery will be achieved.
- not foreseen, please explain why not.

You will be able to add more Outputs / Achievements that are not Deliverables which were foreseen for the Action in the subsections "Action Publications", "Proposals / Projects" and "Other Outputs" of the "Additional Outputs" section.

Progress

Delx.1	Delx.2	Delx.3	Delx.4	Delx.5	Delx.6	Delx.7	Delx.8	Delx.9	Delx.10	Delx.11	Delx.12	Delx.13	Delx.14	Delx.15	Delx.16	Delx.17
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Deliverables marked in grey need to be completed. The triangle indicates the current position.

Deliverable 10

Description

Publication associated with the closure of the DREAM Challenge on a related microbiome question

Assessment

Level of achievement of deliverable *

-- Please select an option --

Dependence of achievement on the Action networking *

- Please select an option --
- Delivered
- Not delivered, but foreseen within 2 years
- Not foreseen

Dependence of achievement on the Action networking *

-- Please select an option --

- Please select an option --
- High
- Medium
- Low

◀ Save and View Previous

Save

Save and View Next ▶

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- X **MoU Objectives**
- X **Deliverables**
- X Additional Outputs
- X Action Publications
- X Proposals / Projects
- X Other Outputs
- X Impacts
- X Dissemination
- ✓ Meetings
- X Other Activities
- X Exploitation
- X Action Successes
- X Other Matters
- X Summary

 Preview report

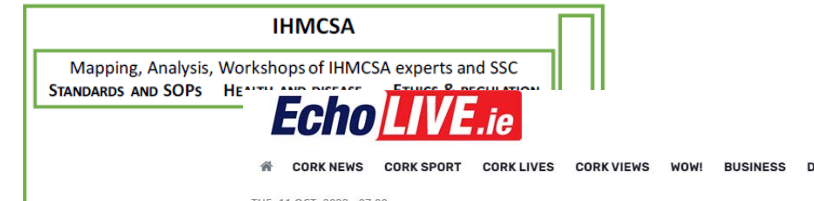
Go to Submit

No voting needed



IHMCSA update

- International Human Microbiome Coordination & Support Action (2021-2024) coordinated by Joel Dore @ INRAE
- Bring together leading EU & international players
- Map current-state-of-the-art
- Develop international synergies
- Identify & propose key actions
- Initiate European Microbiome Centres Consortium (EMCC)
- Provide guidelines & recommendations
- ML4Microbiome to coordinate with WP3 “*Standardising microbiome analysis methods*” (Lead: Nicola Segata)



How to keep our network alive?

- New COST Action application - Alina/Marcus
- Horizon Europe
 - ITN
 - EIC
 - ERA PerMed
 - TRANSCAN-3 Joint Call
- Other ideas?

New COST Action alternative...



Aim: *To optimise, standardize & disseminate best practice in greetings across Europe*

How to do it differently next time? (35 respondents)

Max number of people from each country 1

Include scientific presentations at meetings 2

Fine as it was... 14

Less COVID!

More training & workshops 3

Video of round-table discussions & workshops 1

More online & offline WG meetings 7

More connections with stakeholders 1

More focus on fundraising of joint initiatives from the start 2

Less ambitious deliverables, as research not funded 4

Distribute workloads more evenly over time & WGs 2

*Organisation & execution very good – congratulate coordinators
& WG leaders 8*

Your experience of



MICROBIOME



Positive outcomes

New collaboration & networking opportunities 17

Expanded ML/Microbiome knowledge 10

STSM was fantastic & rewarding 3

Found my PhD thesis topic

Improved teaching skills 2

Better cross-disciplinary skills 4

More confident in leading projects 3

Completing a DREAM challenge

The working group members and the group leaders are very good scientists and specialists in their fields. They are all good people and it is my pleasure to work with them



Any Other Business/Questions?



**Goodbye
&
Safe Travels**

