

COST Grant workplan

I. ACTION PROFILE

Domain: Food and Agriculture (FA)

Action no. and title: COST Action FA1301

A network for improvement of cephalopod welfare and husbandry in research, aquaculture and fisheries (CephInAction)

Chair: Dr Giovanna Ponte (IT)

START date: 14/10/2013

END date: 13/10/2017

Number of signatories: 11

Number of non-COST members: 0

Number of COST country entities (institutes, etc.) currently participating: 23

Number of non-COST entities (institutes, etc.) currently participating: 0

Number of MC Members: 20

Working Groups with numbers, titles and approximate number of members:

WG 1 - Research needs in cephalopods welfare
members no. 52

WG 2 - Stress and diseases
members no. 26

WG 3 - Neurophysiology, Anaesthesia and Humane end-points
members no. 37

WG 4 - Development of a Cephalopod Welfare Index
members no. 12

WG 5 Education and training
members no. 16

II. DETAILED BUDGET

(1) MEETINGS

Management Committee Meetings

Location: Barcelona (Spain)
Date: 13-16, March, 2014
Number of participants to be reimbursed: 20
Travel costs and subsistence allowances (800 per person): € 16,000
Organisational support: € 3,000

Location: TBC (Napoli, IT)
Date: September 2014
Number of participants to be reimbursed: 12
Travel costs and subsistence allowances (800 per person): € 9,600
Organisational support: € 400

Working Group Meetings

WG no.1 Research needs in cephalopods welfare

Location: Barcelona (Spain)
Date: 13-16, March, 2014
Number of participants to be reimbursed: 8
Travel costs and subsistence allowances (600 per person): € 4,800
Organisational support: None

WG no.2 Stress and diseases

Location: Barcelona (Spain)
Date: 13-16, March, 2014
Number of participants to be reimbursed: 8
Travel costs and subsistence allowances (600 per person): € 4,800
Organisational support: None

WG no.3 Neurophysiology, Anaesthesia and Humane end-points

Location: Barcelona (Spain)
Date: 13-16, March, 2014
Number of participants to be reimbursed: 8
Travel costs and subsistence allowances (600 per person): € 4,800

WG no.4 Development of a Cephalopod Welfare Index

Location: Barcelona (Spain)
Date: 13-16, March, 2014
Number of participants to be reimbursed: 8
Travel costs and subsistence allowances (600 per person): € 4,800

WG no.5 Education and training

Location: Barcelona (Spain)
Date: 13-16, March, 2014
Number of participants to be reimbursed: 8
Travel costs and subsistence allowances (600 per person): € 4,800
Organisational support: None

WG no.1 Research needs in cephalopods welfare

Location: TBC (Napoli, IT)
Date: September, 2014
Number of participants to be reimbursed: 4
Travel costs and subsistence allowances (600 per person): € 2,400
Organisational support: None

WG no.2 Stress and diseases

Location: TBC (Napoli, IT)
Date: September, 2014
Number of participants to be reimbursed: 4
Travel costs and subsistence allowances (600 per person): € 2,400
Organisational support: None

WG no.3 Neurophysiology, Anaesthesia and Humane end-points

Location: TBC (Napoli, IT)
Date: September, 2014
Number of participants to be reimbursed: 4
Travel costs and subsistence allowances (600 per person): € 2,400
Organisational support: None

WG no.4 Development of a Cephalopod Welfare Index

Location: TBC (Napoli, IT)
Date: September, 2014
Number of participants to be reimbursed: 4
Travel costs and subsistence allowances (600 per person): € 2,400
Organisational support: None

WG no.5 Education and training

Location: TBC (Napoli, IT)
Date: September, 2014
Number of participants to be reimbursed: 4
Travel costs and subsistence allowances (600 per person): € 2,400
Organisational support: None

Other meetings

None

Workshops and Conferences

None

(2) SHORT TERM SCIENTIFIC MISSIONS (STSMs)

Number: 5
Cost: € 10,000

(3) TRAINING SCHOOLS

Title: Best practice in husbandry, maintenance and care of cephalopods
Location: Italy
Date: June/July (5 days)
Number of Trainees to be reimbursed: 10
Trainees Grants: 8,000
Number of Trainers to be reimbursed: 2
Travel costs and subsistence allowances: € 2,000
Organizational support: € 2,000

(4) PUBLICATIONS, DISSEMINATION, OUTREACH, WEBSITE

Title: Website of the Action
Cost: € 3,000

Title: Production of dissemination materials other than publications (e.g. flyers, posters, postcards)
Cost: € 350

(5) OTHERS (e.g. bank charges)

Bank charges (for payments of participants expenses)
Cost: € 150

III. WORK PLAN

(1) OBJECTIVES

Please describe the objectives to be achieved during the grant period and their relationship to the goals of the Action as laid down in the MoU or as modified by the Management Committee.

The aim of the Action is to provide the scientific basis for advancing and distributing knowledge about cephalopod welfare in research, aquaculture and public displays and promote their conservation, establishing an interdisciplinary network of professionals joined in the common aim.

The overall objectives of the Action are:

1. Improve and implement existing general guidelines and experimental practices.
2. Provide proper training on newly established cephalopod husbandry guidelines and experimental practices
3. Identify gaps of knowledge in cephalopod welfare, so that these can be addressed through the coordination of on-going national research projects
4. Review existing knowledge on species-specific differences in husbandry and treatment and develop species-specific guidelines
5. Further develop and establish new experimental practices for emerging scientific demands in cephalopod research
6. Promote cephalopod research and conservation
7. Promote information exchange and international cooperation
8. Advance the use of the 3 R's (replace, reduce, refine) principle in cephalopod research

(2) ACTIVITIES

Please describe the contents of the activities listed in the budget, their relationship to each other (if any) and to the objectives stated above.

The activities planned for the first year (1st January 2014 to 30th November 2014), i.e. Management Committee meetings, Working Groups meetings as well as Short Term Scientific Missions, Training School and finally, the web action as tool for dissemination of the first year, are scheduled as follows:

Management Committee (MC) meetings: no. 2.

The first MC meeting will be a kick off meeting on the contents; will be held in Barcelona (Spain) in March 2014. This MC meeting will join the WGs meeting in order to monitor and supervise the activities of the Working Groups. At this meeting the Executive Committee will prepare a concerted and detailed work program, output of the WGs meeting to be approved by the MC taking into account the research needs and objectives.

The second MC meeting will be in September 2014 and the suggested location Napoli (Italy). Again the MC meeting will join the WGs meeting

and will be aimed at evaluating the outcomes achieved by the Working Groups during the course of the Action.

Working Groups (WGs) meetings: no. 10.

These WGs meetings are devoted to planning and coordinating the WG activities in line with the guidelines of the MC and of the respective leaders. For the first year all WGs will join with MC meeting, as mentioned before.

For the first year the priority will be given at the following objectives:

- Improve and implement existing general guidelines and experimental practices.
- Provide proper training on newly established cephalopod husbandry guidelines and experimental practices.
- Identify gaps of knowledge in cephalopod welfare, so that these can be addressed through the coordination of on-going national research projects
- Review existing knowledge on species-specific differences in husbandry and treatment and develop species-specific guidelines

The above points will be analyzed in order to develop and establish new experimental practices for emerging scientific demands in cephalopod research.

Particular attention will be given to design the best actions that will allow dissemination of the knowledge and facilitate education at the most ample levels of training.

Short term scientific missions: no. 5.

These are important parts of the Action. STSMs will strengthen collaborations among partners and will allow the development of task-related research projects. Early-stage career will be facilitated and encouraged to apply and their mobility prioritized.

Training Schools: Number of Trainees 10

For the first year will be organized a Training School on the best practice in husbandry, maintenance and care of cephalopods. TSs will make new procedures and methods familiar to the Action members, thus to facilitate the standardization of experimental practices and approaches so that large-scale tasks can be effectively done. The participation of early-stage career researchers will be prioritized.

(3) OUTPUTS PLANNED FOR YEAR

(Including final reports, technical documents, publications and other forms of output.)

1. Creation of the CephInAction Website:
 - a. Creation of an internal web-based platform that will allow the exchange of information, tools and data and facilitate discussions, to implement partnerships;
 - b. a public base of data aimed to disseminate information and knowledge on cephalopods biology and welfare
2. Short term scientific missions
3. Training Schools
4. Outcome of workshops and meetings will be encouraged to be published in selected peer-reviewed journals

COST Grant budget plan

Action no. and title: COST Action FA1301

A network for improvement of cephalopod welfare and husbandry in research, aquaculture and fisheries (CephInAction)

Grant period: 1 January 2014 – 30 November 2014

Allocated budget: € 100,000

A. SUMMARY BUDGET

(1) MEETINGS	€ 65,000
(2) SHORT-TERM SCIENTIFIC MISSIONS	€ 10,000
(3) TRAINING SCHOOLS	€ 12,000
(4) PUBLICATIONS, DISSEMINATION, OUTREACH	€ 3,350
(5) OTHERS	€ 150

B. TOTAL SCIENCE EXPENDITURE (sum of (1) to (5)) **€ 90,500**

C. Financial & Scientific Administration and Coordination
(max. of 15% of B.) **€ 10,000**

D. TOTAL EXPENDITURE (B+C) **€ 100,500**