

CephsInAction
A Network for Improvement of Cephalopod welfare and husbandry in
research, Aquaculture and fisheries
COST Action FA1301
WG1 CephsInAction meets Aquaculture Europe 2015¹

Rotterdam, Netherlands
23-24 October, 2015
De Doelen Congress Centre & Hilton Hotel

Program

Friday, 23 October – 2015

De Doelen Congress Centre “Plate Room”

Chair Giovanna Ponte

- 10:50** - CephsInAction: A Network for Improvement of Cephalopod Welfare and Husbandry in Research, Aquaculture and Fisheries – COST Action FA1301 - **G. Ponte** - *Italy*
- 11:10** - How to Get the Most out of your Cephalopod Experiment – Refining Methodologies to Assess a Given Diet or Reproduction Performance in Captivity - **A.V. Sykes** - *Portugal*
- 11:30** - Cuttlefish in Captivity: an Investigation into Housing and Husbandry for Improving Welfare – **G. Cooke** - *UK*
- 11:50** - Space as Requirement for Welfare: Effect of Confinement on Stress and Immune Response in the Cephalopod *Octopus vulgaris* – **J. Estefanell** - *Spain*
- 12:10** - Potential Limiting Factors to the Growth of *Octopus vulgaris* – **G. Fiorito** - *Italy*
- 12:30** - Digestive Enzymes Profile in *Octopus vulgaris* Paralarvae Fed with Artemia Enriched with Marine Phospholipids – **V. Martin** - *Spain*
- 12:50** - Scientific Research on Paralarvae: Challenges and Opportunities Presented by Directive 2010/63/EU – **P. Andrews** - *UK*

¹ FA1301 WG1 convenes and contributes to AE2015 main program with a dedicated symposium, October 23th and the FA1301 WG1 meeting will occur as satellite event of AE2015 meeting on Saturday 24 October

Working Group 1
COST Action FA1301
Research needs in cephalopods welfare

Program

Saturday, 24 October – 2015

Hilton Hotel “Maaskant Room”

Chair Antonio Sykes

9:30 – 11:00

Guidelines for Care and Welfare of Cephalopods under Directive 2010/63/EU

Guidelines presentation (G. Fiorito)

- Comparison between recommendation provided by Guidelines and Cephalopod Culture book (G. Fiorito)
- Impact of Guidelines on cephalopod research (P. Andrews)
- Group discussion

WG1 Questionnaire

- results from the community (A. Sykes)
- results from SeaLife questionnaire (K. Perkins)
- discussion and how to proceed (group discussion)

11:30 – 13:00

Scientific Presentations

- Early stages/pre-hatching experiences and effect on ceph behavior – a review from the literature (G. Fiorito)
- How space and context affect growth – the case of the octopus (J. Estefanell)
- Anesthesia and cephalopods: cardiovascular responses, requirements, use (C. Pugliese)
- a short report from people attending of the most important, interesting literature appeared over the last 12 months and pertaining WG1 activities (A. Sykes)

14:30 – 17:00

New technologies and experimental approaches to promote the 3Rs’ principle

- possible list of additional companies to be included
- the current support from companies

Active projects and PhD thesis that may contribute to WG1

- listing and identification of possible research for STSM grants in 2016

Grant possibilities

Requirements from the group and commitment (G. Ponte)

What next

- Planning ahead for the 2016 and call for the proposals to be discussed at Lisbon meeting
- Other matters