

# EUROPEAN NETWORK ON MYALGIC ENCEPHALOMYELITIS/CHRONIC FATIGUE SYNDROME

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# Grant period

**01/05/2017 – 30/04/2018 Goals**

# WG tasks

## **WG 1 Epidemiology**

- T2 Synchronisation;
- T3 Biobanks and protocols;
- T4 Ethical framework.

## **WG 2 Biomarkers**

- T4 Data synchronisation

## **WG 3 Socio-economics**

- T2 Direct loss calculation;
- T3 Indirect burden.

## **WG 4 Clinical research/diagnostic criteria**

- T2 Optimal set;
- T3 Treatment efficacy.

# WG tasks

## **WG 5 STMS, workshops, conferences**

- T1 Training schools «Summer school on-omics and bioinformatics in ME/CFS research»
- T2 STMS Training panels «Novel methods in potential infection-associated biomarkers research for ME/CFS».

## **WG 6 Dissemination**

- T3 Website;
- T4 Research projects.

# Aim/Primary objective

- Promote multidisciplinary strategies in ME/CFS research and foster a full chain of translational research

# Secondary objective 1

- Explore the potential of existing cohorts through workshop and seminar programmes as sources of potential cases of ME/CFS and the advancement of the epidemiological understanding of the disease. Exchange information facilitating the development of synchronised adequate local systems for the collection, storage, and cataloguing of biological samples for research purposes. Exchange information on local ethical issues and discuss on common ethic's framework.

## Secondary objective 2

- Coordinate usage of innovative high-throughput technologies (genomic, transcriptomic, proteomic, and metabolomics strategies) for new biomarker recognition. Develop guidelines for usage of infection-associated biomarkers and immunological biomarkers in ME/CFS diagnostic.

## Secondary objective 3

- Facilitate the development of adequate local systems for case finding, data collection and storage via best practice exchange. Synchronise diagnostic criteria and develop common strategy protocol to identify and understand the biological disease pathways in a stratified way. Assess the efficacy/safety of available ME/CFS treatments in order to recommend optimal treatment approaches.



## Secondary objective 4

- Survey European countries existing data on economic loss due to ME/CFS. Develop approaches to calculate direct economic loss and indirect economic burden due to ME/CFS. Optimise models of prevention in health aspects.

## Secondary objective 5

- Increase capacity by organizing training panel “Novel methods in potential infection-associated biomarkers research for ME/CFS” and following training school on omics and bioinformatics in ME/CFS research. Organize STSMs, accomplish them and monitor results.

## Secondary objective 6

- Manage research project preparation. Establish communication links with small/medium-sized enterprises (SMEs). Exchange on technology transfer capabilities.

# Secondary objective 7

- Maintain project webpage.

# NETWORKING TOOLS – 76 000 EUR

■ Meetings	2	30 400 EUR
■ Training school	1	23 660 EUR
■ STSM	3	7500 EUR
■ Dissemination	1	1500 EUR
■ FSAC 15%		9913 EUR
■ TOTAL		72 973 EUR

# I. Meetings

## 1. Title: **MC/WG1 meeting on synchronisation**

Type: Management Committee Meeting, Working

Group No 1 Meeting

Dates: 07/09/2017 - 07/09/2017

Location: Belgrad (Serbia)

Participants: 22

Reimbursed: 20

Travel costs: 14200 EUR

Support grant: 1000 EUR

## 2. Title: **MC/WG 2 meeting on synchronisation**

Type: Management Committee Meeting, Working Group No 2 Meeting

Dates: 08/02/2018 - 08/02/2018

Location: Sofia (Bulgaria)

Participants: 22

Reimbursed: 20

Travel costs: 14200 EUR

Support grant: 1000 EUR

## II. Training schools

**Title: Training school on-omics and bioinformatics in ME/CFS research**

Dates: 17/07/2017 - 22/07/2017

Location: Pavia (Italy)

Lecturers: 4

Students: 12

Travel costs: 18660 EUR

Support grant: 5000 EUR



### III. Short term Scientific Missions

Amount per STSM:		2500 EUR
Number of foreseen STSMs:	3	7500 EUR

### IV. Dissemination

Webpage EUROMENE.EU maintenance: 1500 EUR

### V. Financial and Scientific Administration and Coordination (FSAC)

MAX. 15% = 9459 EUR

Budget reserve 3025 EUR:

- invitation of high class expert from non-EU country;
- publications.