

4th CORE GROUP MEETING

COST ACTION CA17112 - PRO-EURO DILI NETWORK

26 November 2020

<https://proeurodilinet.eu>

The full Action details available at:

<https://www.cost.eu/actions/CA17112#tabs|Name:overview>

Start of the Action = 1st MC meeting October 16, 2018

Grant Period 1: 16 October 2018 – 30 April 2019

Grant Period 2: 1 May 2019 – 30 April 2020

Grant Period 3: 1 May 2020 – 30 April 2021

Grant Period 4: 1 May 2021 - 30 April 2022

Grant Period 5: 30 April 2022 -15 October 2022

End of the Action = 4 years after MC 1st date

**4. Discussion about management rules for activities
2019/20**

a. Short Term Scientific Missions Dr J Cubero

Short-Term Scientific Missions (STSM), COST ACTION 17-112 for the last year:

ECOST-STSM-Request-CA17112-45167

*Title: **Role of Nrf2 in APAP-mediated toxicity**

*Type of Mission: Basic

*Applicant: Nuria López-Alcántara

*Location: Institute of Physics of the Czech Academy of Sciences, Prague, Czech Republic

*Responsible: Dr. Oleg Lunov, lunov@fzu.cz

*Dates: 2019-12-02 - 2019-12-22

ECOST-STSM-Request-CA17112-45122

*Title: INTERNAL MEDICINE WARD, OUTPATIENTS HEPATOLOGY CLINIC, LIVER ULTRASOUND AND FIBROSCAN

*Type of Mission: Clinical

*Applicant: Enrique del Campo Herrera (UMA, Málaga)

*Location: Internal Medicine & Hepatology, DIBIMIS, University of Palermo

*Responsible: Dr. Anna Licata, anna.licata@unipa.it

*Dates: 2019-10-07 - 2019-10-20

ECOST-STSM-Request-CA17112-45133

*Title: **Viral and autoimmune hepatitis, cirrhosis, acute liver failure, DILI, HILI intrahepatic cholestasis of pregnancy**

*Type of Mission: Clinical

* Applicant: Goran Bokan Faculty of medicine, Banja Luka, BA

*Location: Internal Medicine & Hepatology, DIBIMIS, University of Palermo

*Responsible: Dr. Anna Licata, anna.licata@unipa.it

*Dates: 2019-09-30 - 2019-10-31

ECOST-STSM-Request-CA17112-46089

*Title: **Methodology of systematic review of observational studies in DILI**

*Type of Mission: Clinical

*Applicant: Cristiana Torres Freixo, Faculdade de Medicina da Universidade do Porto, Porto, PT

*Location: Nottingham Digestive Diseases Centre, Nottingham, UK

*Responsible: Dr. Guruprasad Aithal, guru.aithal@nottingham.ac.uk

*Dates: 2020-01-19 - 2020-02-05

ECOST-STSM-Request-CA17112-46009

*Title: **Training in the use of HepaRGs and monitoring POR expression**

*Type of Mission: Basic

*Applicant: Francisco Esteves (Faculdade de Ciências Médicas, UNL, LISBOA, PT)

*Location: Institute of Bioengineering, University of Edinburgh, Scotland, UK

*Responsible: Dr. Leonard J. Nelson, L.Nelson@ed.ac.uk

*Dates: 2020-03-01 - 2020-03-15

Short-Term Scientific Missions (STSM), COST ACTION 17-112 for the next grant period:

ECOST-STSM-Request-CA17112-47460 (Approved)

*Title: *DILI principles in detection, characterization, phenotyping, risk assessment and adjudication. Management of DILI databases. Pathophysiology, therapeutic strategies and new biomarkers in DILI using patient-derived dermal fibroblasts, keratinocytes and hep*

*Applicant: Lauryna Aukštikalnė. Lithuanian University of Health Sciences Institute of Physiology and Pharmacology (Kaunas)

* Location: Universidad de Málaga (UMA), Málaga, Spain

*Responsible: Dr. María Isabel Lucena, lucena@ucm.es

*Dates: 2021-01-11 - 2021-02-28

ECOST-STSM-Request-CA17112-47430 (Approved)

*Title: *COST ACTION 17-112*

*Applicant: Dr Sonja Trbojevic, Faculty of Medicine, University of Banja Luka (Banja Luka, Bosnia and Herzegovina)

* Location: Faculty of Medicine, University in Novi Sad (Serbia)

* Responsible: Prof. Ivan Capo; ivan.capo@mf.uns.ac.rs

*Dates: 2021-02-01-2021-02-28

Short-Term Scientific Missions (STSM), COST ACTION 17-112 for the next grant period:

ECOST-STSM-Request-CA17112-47503 (Approved)

*Title: *Advancing in vitro models of DILI: key techniques for the study of hepatotoxicity in cell cultures*

*Applicant: Daniel Di Zeo, Biomedical Research Institute of Malaga, University of Málaga (Spain) (Málaga)

* Location: University of Lisbon (Portugal)

* Responsible: Prof Joana Miranda, jmiranda@ff.ulisboa.pt

* Dates: 2021-03-01 - 2021-04-30

ECOST-STSM-Request-CA17112-47580 (Approved)

*Title: *Quantification of markers of oxidative damage, lipid peroxidation products, enzymatic and non-enzymatic antioxidant molecules*

*Applicant: Prof Ivan Capo, Faculty of Medicine, University of Novi Sad, Faculty of Medicine (Novi Sad, Serbia)

* Location: Faculty of Natural Sciences &

Mathematics, Ss. Cyril and Methodius University in Skopje (North Macedonia)

* Responsible: Prof Jasmina Dimitrova-Shumkovska (jasminad@pmf.ukim.mk)

* Dates: 2021-02-01 - 2021-02-21

List of topics for STSM proposed	List of centers willing to HOST STSM candidates	Expected duration	
DILI Principles in detection, characterization, phenotyping, risk assessment and adjudication. Management of DILI databases	Spain University of Malaga (RAUL J. ANDRDE/ MARIBEL LUCENA)	From 1 to 3 months from January to March	Clinical proposal
3. Internal medicine ward, out- patients hepatology clinic, Liver ultrasound and fibroscan (Italy)	3. Italy. Internal Medicine & Hepatology, DIBIMIS, University of Palermo (ANNA LICATA)	One month 15 September to 30 October 2019	Clinical proposal
1. Advanced physical methods in hepatotoxicity studies (Czech Republic)	1. Czech Republic. Institute of Physics (OLEG LUNOV)		Basic proposal
4. Production of hepatocytes from human pluripotent stem cells (Norway)	4. Norway. UiO (GARETH SULLIVAN)		Basic proposal
5. 3D culture facilities, expertise in stem cell differentiation into hepatic cells, hepatotoxicity studies, metabolism studies, etc... (Portugal)	5. Portugal. Faculty of Pharmacy of the University of Lisbon (JOANA MIRANDA)		Basic proposal
6. In vitro and in vivo models. Basic - models of advanced chronic liver disease (Spain)	6. Spain. UCM (JAVIER CUBERO)	One week	Basic proposal
7. Preclinical models of toxicity in hepatic surgery and liver transplantation (Spain)	7. Spain. IDIBAPS (CARMEN PERALTA)	1 Week in 2020. 3 students	Basic proposal
8. In vitro models (Spain)	8. Spain. UCM (YULIA A. NEVZOROVA)		Basic proposal

List of topics for STSM proposed	List of centers willing to HOST STSM candidates	Expected duration
9. Exosomes (Spain)	9. Spain. CIC bioGUNE (JUAN M. FALCON-PEREZ)	3 months (October-December)
10. Emerging technologies in DILI ; New in vitro models of DILI (Spain)	10. Spain. IDIBAPS (PAU SANCHO-BRU)	3 months (October-december)
11. Bioengineering and Bioprinting of Hepatic Tissues: Novel Tools for DILI Research and Drug Discovery (Spain)	11. Spain. IIS Aragon (PEDRO M. BAPTISTA)	
12. Zebrafish as a model for DILI; bioinformatics(Turkey)	12. Turkey. Bilkent Univ (OZLEN KONU)	3-4 weeks in Fall 2019
15. Able to perform epigenetic studies (Turkey)	15. Turkey. KU (MUJDAT ZEYBEL)	
16. Human liver modelling, DILI/ Liver disease preclinical models and non-invasive screening technologies (United Kingdom)	16. United Kingdom. Institute for Bioengineering, Edinburg University (LEONARD J NELSON)	
17. Lab equipped for preclinical in vitro and in vivo experiments (DNA analysis, mass spectrometry, cell cultures). vivarium with small rodents	17. Serbia. Faculty of Medicine Novi Sad. (NEBOSJA STILINOVIC)	
18. Optimization of preclinical testing of hepatotoxic drugs	18.Serbia. FMUNS (IVAN CAPO)	up to 2 months (end of 2019 or beginning of 2020)

Basic proposal

Basic proposal

Basic proposal

Basic proposal

Basic proposal

Basic proposal

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Basic proposal

List of topics for STSM proposed	List of centers willing to HOST STSM candidates	Expected duration
19. Quantification of markers of oxidative damage, lipid peroxidation products, enzymatic and non-enzymatic antioxidant molecules and their alterations on drug induced animal	19. Republic of North Macedonia (JASMINA DIMITROVA-SHUMKOVSKA)	1-2 candidates during the third grant period
21. Liver cell population isolation and culture models for DILI	21. United Kingdom. Nottingham University (ANDREW BENNETT)	
22. Development of 3-D culture for modelling DILI	22. United Kingdom. Nottingham University (NICK HANNAN)	
23. <i>In vivo</i> evaluation of mitochondrial function using Liver Magnetic Resonance Spectroscopy techniques	23. United Kingdom. Nottingham University (Guru GURUPRASAD AITHAL)	

Basic proposal

Basic proposal

Basic proposal

Clinical proposal

Application extended UNTIL 31st of December 2020!!!