

## Work And Budget Plan

CA15203 Grant Agreement Period 5

01/05/2020 to 11/09/2020

### Action Profile

#### Action General Information

Action Code	CA15203	MC Chair	Prof Erich Gnaiger
Action Title	CA15203 - Mitochondrial mapping: Evolution - Age - Gender - Lifestyle - Environment		
MOU	003/16	Draft MOU	OC-2015-2-19984
CSO Approval Date	2016-02-26		
Action Start Date	2016-09-12	Action End Date	2020-09-11
Science Officer	Dr Federica Orтели	Administrative Officer	Mr Christophe Peeters

#### Participating COST Members:

	ITC		Non-ITC		Total
	Number		Number		
COST Members (countries) having accepted the MoU	Number	15	Number	16	31
	% of ITC in Action	48.39%	% of non-ITC in Action	51.61%	
	% of all ITC	68.18%	% of all non-ITC	94.12%	
Number of Action MC members	24		33		57

COST Member and Acceptance Date		
AT 23/03/2016	HU 22/03/2016	RO 23/03/2016
BE 02/05/2016	IE 29/03/2016	RS 01/04/2016
BA 08/01/2019	IL 09/03/2016	SK 12/09/2016
HR 06/04/2016	IT 23/06/2016	SI 04/04/2016
CZ 12/05/2016	LV 07/03/2016	ES 03/05/2016
DK 31/03/2016	LT 07/06/2016	SE 26/08/2016
EE 04/03/2016	MT 07/05/2016	CH 19/04/2016
FI 08/09/2016	NL 26/02/2016	TR 16/06/2016
FR 11/03/2016	NO 04/05/2016	UK 11/03/2016
DE 22/03/2016	PL 14/03/2016	
EL 09/03/2016	PT 28/04/2016	

Submitted : 2020-04-21 at 4:19 PM

Generated : 2020-04-22 at 2:34 PM

### International cooperation

	NNC	IPC	Specific Organisation	Total
Number of entities formally approved to join Action	2	1	0	3
Number of countries	2	1	0	3

### Working Groups

	WG Title	WG Leader	Number of WG members
WG1	Standard operating procedures and user requirement document: Protocols, terminology, documentation	Dr Marko Vendelin	70
WG2	MITOEAGLE data repository in muscle and other tissues	Dr Pablo M. Garcia-Roves	55
WG3	MITOEAGLE data repository on fat tissues and other tissues	Prof Jan Nedergaard	30
WG4	MITOEAGLE data repository for blood cells and cultured cells	Dr Nicoleta Moiso	70

## MoU objectives, Action deliverables and Grant Agreement Period Goals

### Action Objectives from MoU

Aim/primary Objective
<p>include Evolution, Age, Gender, Lifestyle and Environment (EAGLE) in studies of mitochondrial function. MITOEAGLE develops harmonisation protocols towards generating a data repository on mitochondrial respiratory function. A data management system will interrelate various study-results and set them into a multidimensional context, to better diagnose mitochondrial respiratory defects</p>
Secondary objectives
<ol style="list-style-type: none"> <li>1. Intensify the dissemination of updated knowledge and know-how among the partners.</li> <li>2. Build and improve collaborative relationships among the participating groups of the Action and interested end-users.</li> <li>3. Optimally harmonise protocols across research groups.</li> <li>4. Foster coordinated research activities of scientific proposals in the European Research Area.</li> <li>5. Increase the number of active participants in the course of the COST Action.</li> <li>6. Form a unique well-coordinated network of senior researchers and young investigators.</li> <li>7. Include well established stakeholders.</li> <li>8. Establish a spirit of mentorship and collaboration in contrast to fierce competition which characterised early decades of bioenergetics.</li> <li>9. Initiate applications for funding to support international collaborative research projects.</li> <li>10. Present and publish results of collaborative research projects within the COST Action, particularly related to STSMs supported by the Action.</li> <li>11. MITOEAGLE recommendations: The goal is to increase the value and reduce the noise in mitochondrial research. Prespecified and time-stamped protocols are needed in practice, and researchers need to be introduced into adhering to publicly deposited protocols in practice. MITOEAGLE recommendations will provide practical guidelines for students, scientists and stakeholders.</li> <li>12. A monitored database – centres of excellence: The MITOEAGLE database will provide an invaluable tool for mitochondrial studies in the transition from exploratory preclinical research to clinical and pharmacological applications. Centres of excellence will emanate from the project's working groups providing training programmes and diagnostic services.</li> <li>13. Training: Enhance the rigorous training activities particularly for PhD students and young researchers (STSMs, Schools, Workshops, Conferences) in order to establish the practical guidelines introduced by MITOEAGLE and to enhance research results in the long term.</li> </ol>

## Action Deliverables

Deliverable	Month
1. Training of researchers towards improved reproducibility of sample preparation and respirometric evaluation (1/3 - WG1).	11
2. A multi-authored publication towards a unification of concepts and nomenclature in mitochondrial physiology (1/3 - WG1).	15
3. Training of researchers towards improved reproducibility of sample preparation and respirometric evaluation (2/3 - WG1).	26
4. A multi-authored publication towards a unification of concepts and nomenclature in mitochondrial physiology (2/3 - WG1).	26
5. Training of researchers towards improved reproducibility of sample preparation and respirometric evaluation (3/3 - WG1).	35
6. A multi-authored publication towards a unification of concepts and nomenclature in mitochondrial physiology (3/3 - WG1).	35
7. SOPs for blood cell separation and respirometric characterisation open for the research community (WG4).	35
8. Publication with a set of reference data (WG4).	36
9. A MitoEAGLE database on muscle tissue from humans and model organisms (WG2).	38
10. A draft of the review manuscript (WG2).	38
11. A library of protocols for sample preparation and examination by respirometry (WG1).	39
12. A joint publication documenting the results of the MitoEAGLE-PT (WG1).	42
13. Qualitative and quantitative evaluation of results obtained in ongoing studies by comparison with a reference sample (WG1).	44
14. A draft of the review manuscript (WG3).	44
15. A multi-authored publication with recommendations of comparable standard protocols and procedures (WG1).	45
16. Guidelines for future research and recommendations for the evaluation of respiratory characteristics in human respirometric samples (WG1).	46
17. A database on mt fitness evaluated with humans' cells and tissues (WG1).	47
18. Guidelines as to the optimum use of a reference sample for determination of respiration and related parameters of interest (WG1).	47
19. A set of guidelines for future studies on mitochondrial bioenergetics in muscle tissue (WG2).	47
20. An expanded MitoEAGLE database (WG1).	48
21. The MitoEAGLE data management system (WG1).	48
22. A continuously updated MitoEAGLE database for the use as reference data and guideline towards application of optimised protocols, ultimately leading towards standardisation (WG1).	48
23. A joint publication on the use of the MitoEAGLE database and management system (WG1).	48
24. An education programme for the use of MitoEAGLE database and management system	48

(WG1).	
25. Guidelines for future research and recommendations for the evaluation of respiratory characteristics in fat tissue (WG3).	48
26. A database on mt-fitness evaluated with fat tissue from humans and model organisms and post-study reports (PubMed Commons) (WG3).	48
27. MitoEAGLE data repository for comparative data evaluation, planning of future studies data mining (WG4).	48

### Grant Agreement Period

Grant Agreement Period Start Date	01/05/2020	Grant Agreement Period End Date	11/09/2020
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### Grant Agreement Period Goals

Number	Grant Agreement Period Goal	MoU Objective(s) it relates to
GAPG 1	.	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> </ul>
GAPG 2	Training of researchers towards improved reproducibility of sample preparation and respirometric evaluation	<ul style="list-style-type: none"> <li>• Secondary objective 2</li> <li>• Secondary objective 4</li> <li>• Secondary objective 5</li> <li>• Secondary objective 6</li> <li>• Secondary objective 8</li> <li>• Secondary objective 11</li> <li>• Secondary objective 13</li> </ul>
GAPG 3	A multi-authored publication towards an unification of concepts and nomenclature in mitochondrial physiology	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> <li>• Secondary objective 2</li> <li>• Secondary objective 3</li> <li>• Secondary objective 5</li> <li>• Secondary objective 6</li> <li>• Secondary objective 8</li> <li>• Secondary objective 10</li> <li>• Secondary objective 11</li> </ul>
GAPG 4	SOPs for blood cell separation and respirometric characterisation open for the research community	<ul style="list-style-type: none"> <li>• Secondary objective 2</li> <li>• Secondary objective 3</li> <li>• Secondary objective 5</li> <li>• Secondary objective 6</li> <li>• Secondary objective 8</li> <li>• Secondary objective 9</li> <li>• Secondary objective 10</li> <li>• Secondary objective 11</li> <li>• Secondary objective 12</li> </ul>
GAPG 5	Publication with a set of reference data	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> <li>• Secondary objective 2</li> <li>• Secondary objective 3</li> <li>• Secondary objective 5</li> <li>• Secondary objective 6</li> <li>• Secondary objective 8</li> <li>• Secondary objective 10</li> <li>• Secondary objective 11</li> </ul>
GAPG 6	A MitoEAGLE database on muscle tissue from humans and model organisms	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> <li>• Secondary objective 2</li> <li>• Secondary objective 3</li> <li>• Secondary objective 4</li> <li>• Secondary objective 6</li> <li>• Secondary objective 7</li> <li>• Secondary objective 8</li> <li>• Secondary objective 10</li> <li>• Secondary objective 11</li> <li>• Secondary objective 12</li> </ul>
GAPG 7	Draft of review manuscript	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> <li>• Secondary objective 2</li> <li>• Secondary objective 3</li> <li>• Secondary objective 6</li> </ul>

		<ul style="list-style-type: none"> <li>• Secondary objective 8</li> <li>• Secondary objective 10</li> <li>• Secondary objective 11</li> <li>• Secondary objective 12</li> <li>• Secondary objective 13</li> </ul>
GAPG 8	A library of protocols for sample preparation and examination by respirometry	<ul style="list-style-type: none"> <li>• Secondary objective 2</li> <li>• Secondary objective 3</li> <li>• Secondary objective 5</li> <li>• Secondary objective 6</li> <li>• Secondary objective 8</li> <li>• Secondary objective 9</li> <li>• Secondary objective 10</li> <li>• Secondary objective 11</li> <li>• Secondary objective 12</li> </ul>
GAPG 9	A joint publication documenting the results of the MitoEAGLE-PT	<ul style="list-style-type: none"> <li>• Secondary objective 2</li> <li>• Secondary objective 3</li> <li>• Secondary objective 4</li> <li>• Secondary objective 6</li> <li>• Secondary objective 7</li> <li>• Secondary objective 8</li> <li>• Secondary objective 9</li> <li>• Secondary objective 10</li> <li>• Secondary objective 11</li> <li>• Secondary objective 12</li> <li>• Secondary objective 13</li> </ul>
GAPG 10	Qualitative and quantitative evaluation of results obtained in ongoing studies by comparison with a reference sample	<ul style="list-style-type: none"> <li>• Secondary objective 2</li> <li>• Secondary objective 3</li> <li>• Secondary objective 5</li> <li>• Secondary objective 6</li> <li>• Secondary objective 8</li> <li>• Secondary objective 10</li> <li>• Secondary objective 11</li> <li>• Secondary objective 13</li> </ul>
GAPG 11	Guidelines for future research and recommendations for the evaluation of respiratory characteristics in human respirometric samples	<ul style="list-style-type: none"> <li>• Secondary objective 2</li> <li>• Secondary objective 3</li> <li>• Secondary objective 5</li> <li>• Secondary objective 6</li> <li>• Secondary objective 8</li> <li>• Secondary objective 11</li> </ul>
GAPG 12	A multi-authored publication with recommendations of comparable standard protocols and procedures	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> <li>• Secondary objective 3</li> <li>• Secondary objective 6</li> <li>• Secondary objective 7</li> <li>• Secondary objective 10</li> <li>• Secondary objective 11</li> </ul>
GAPG 13	A continuously updated MITO-EAGLE database for the use as reference data and guideline towards application of optimized protocols, ultimately leading towards standardization.	<ul style="list-style-type: none"> <li>• Secondary objective 2</li> <li>• Secondary objective 3</li> <li>• Secondary objective 11</li> </ul>
GAPG 14	A database on mt fitness evaluated with humans cells and tissues	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> <li>• Secondary objective 2</li> <li>• Secondary objective 3</li> <li>• Secondary objective 4</li> <li>• Secondary objective 6</li> <li>• Secondary objective 7</li> <li>• Secondary objective 8</li> </ul>



		<ul style="list-style-type: none"> <li>• Secondary objective 9</li> <li>• Secondary objective 10</li> <li>• Secondary objective 11</li> <li>• Secondary objective 13</li> </ul>
GAPG 15	An expanded MITOEAGLE database	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> <li>• Secondary objective 10</li> <li>• Secondary objective 12</li> </ul>
GAPG 16	Guidelines as to the optimum use of a reference sample for determination of respiration and related parameters of interest	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> <li>• Secondary objective 2</li> <li>• Secondary objective 3</li> </ul>
GAPG 17	An education programme for the use of MITOEAGLE database and management system	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> <li>• Secondary objective 3</li> <li>• Secondary objective 4</li> <li>• Secondary objective 5</li> <li>• Secondary objective 6</li> <li>• Secondary objective 7</li> <li>• Secondary objective 8</li> <li>• Secondary objective 9</li> <li>• Secondary objective 13</li> </ul>
GAPG 18	Publication of paper on concepts and terminology: Dissemination of preprint and journal submission of final manuscript	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> <li>• Secondary objective 2</li> <li>• Secondary objective 3</li> <li>• Secondary objective 5</li> <li>• Secondary objective 6</li> <li>• Secondary objective 8</li> <li>• Secondary objective 10</li> <li>• Secondary objective 11</li> </ul>
GAPG 19	Dissemination of COST Action MitoEAGLE, presenting results that were accomplished so far, goals and impact of the Action on research career	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> <li>• Secondary objective 2</li> <li>• Secondary objective 4</li> <li>• Secondary objective 7</li> <li>• Secondary objective 10</li> </ul>
GAPG 20	The MitoEAGLE data management system	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> <li>• Secondary objective 3</li> <li>• Secondary objective 10</li> <li>• Secondary objective 11</li> <li>• Secondary objective 12</li> </ul>
GAPG 21	A set of guidelines for future studies on mitochondrial bioenergetics in muscle tissue	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> <li>• Secondary objective 3</li> <li>• Secondary objective 11</li> <li>• Secondary objective 12</li> <li>• Secondary objective 13</li> </ul>
GAPG 22	MitoEAGLE data respiratory for comparative data evaluation, planning of future studies data mining	<ul style="list-style-type: none"> <li>• Secondary objective 1</li> <li>• Secondary objective 2</li> <li>• Secondary objective 3</li> <li>• Secondary objective 4</li> <li>• Secondary objective 6</li> <li>• Secondary objective 7</li> <li>• Secondary objective 8</li> <li>• Secondary objective 9</li> <li>• Secondary objective 10</li> <li>• Secondary objective 11</li> <li>• Secondary objective 13</li> </ul>

## Work and Budget Plan for the Grant Agreement Period

### Work and Budget Plan Summary

<b>A. COST Networking Tools</b>	EUR
(1) Meetings	17,124.02
(2) Training Schools	11,488.00
(3) Short Term Scientific Missions (STSM)	7,500.00
(4) ITC Conference Grant	8,000.00
(5) COST Action Dissemination	2,800.00
(6) Other Expenses Related to Scientific Activities (OERSA)	230.00
<b>B. Total Science Expenditure (sum of (1) to (6))</b>	<b>47,142.02</b>
<b>C. Financial and Scientific Administration and Coordination (FSAC) (max. of 15% of B)</b>	<b>7,071.30</b>
<b>Total Grant (B+C)</b>	<b>54,213.32</b>

## Meetings

### Overview

Meeting Title	Meeting Type	Dates	Location	ITC	Total Cost(EUR)
MitoEAGLE Summit	Management Committee Meeting, Working Group Meeting	22/07/2020 - 25/07/2020	Obergurgl (Austria)	No	13,004.00
WG4 Meeting	Workshops/Conferences	25/08/2020 - 28/08/2020	Innsbruck (Austria)	No	2,060.01
WG2 Meeting	Working Group Meeting	06/09/2020 - 10/09/2020	Innsbruck (Austria)	No	2,060.01
				Total	17,124.02

### Details

Meeting Type	Management Committee Meeting, Working Group Meeting		
Title of the Meeting	MitoEAGLE Summit		
Grant Period Goal(s) it will address	SOPs for blood cell separation and respirometric characterisation open for the research community, Publication with a set of reference data, A MitoEAGLE database on muscle tissue from humans and model organisms, Draft of review manuscript, A library of protocols for sample preparation and examination by respirometry, Qualitative and quantitative evaluation of results obtained in ongoing studies by comparison with a reference sample, Guidelines for future research and recommendations for the evaluation of respiratory characteristics in human respirometric samples, A continuously updated MITOEAGLE database for the use as reference data and guideline towards application of optimized protocols, ultimately leading towards standardization., A database on mt fitness evaluated with humans cells and tissues, An expanded MITOEAGLE database, Guidelines as to the optimum use of a reference sample for determination of respiration and related parameters of interest, An education programme for the use of MITOEAGLE database and management system, Dissemination of COST Action MitoEAGLE, presenting results that were accomplished so far, goals and impact of the Action on research career, A set of guidelines for future studies on mitochondrial bioenergetics in muscle tissue		
Description	Conference with a focus on MitoEAGLE working groups and additional WG meeting with MC meeting		
Output(s)	Discussion and dissemination of next/final steps		
Location	Obergurgl (Austria)	ITC	No
Start Date	2020-07-22 09:00:00	End Date	2020-07-25 18:00:00
Duration	4 days		
Number of expected total participants	80	Number of participants to be reimbursed from COST funds	12
Average reimbursement(per participant)(EUR)	667.00	Total Reimbursement costs (EUR)	8,004.00
Local Organiser Support (EUR)	5,000.00		
Total cost of the meeting (EUR)	13,004.00		

Meeting Type	Workshops/Conferences		
Title of the Meeting	WG4 Meeting		
Grant Period Goal(s) it will address	Training of researchers towards improved reproducibility of sample preparation and respirometric evaluation,SOPs for blood cell separation and respirometric characterisation open for the research community,Publication with a set of reference data,Draft of review manuscript,A library of protocols for sample preparation and examination by respirometry,A joint publication documenting the results of the MitoEAGLE-PT,Guidelines for future research and recommendations for the evaluation of respiratory characteristics in human respirometric samples,A multi-authored publication with recommendations of comparable standard protocols and procedures,A database on mt fitness evaluated with humans cells and tissues,An expanded MITOEAGLE database,MitoEAGLE data respiratory for comparative data evaluation, planning of future studies data mining		
Description	WG 4 Meeting		
Output(s)	Finalization of joint manuscript for publication. Templates for PBMC and PLT database Work in progress: MitoEAGLE blood cells 1 Follow-up meeting from MitoEAGLE Poznan 2018 and MitoEAGLE Lund 2018 and Innsbruck 2019		
Location	Innsbruck (Austria)	ITC	No
Start Date	2020-08-25 09:00:00	End Date	2020-08-28 15:00:00
Duration	4 days		
Number of expected total participants	8	Number of participants to be reimbursed from COST funds	3
Average reimbursement(per participant)(EUR)	666.67	Total Reimbursement costs (EUR)	2,000.01
Local Organiser Support (EUR)	60.00		
Total cost of the meeting (EUR)	2,060.01		

Meeting Type	Working Group Meeting		
Title of the Meeting	WG2 Meeting		
Grant Period Goal(s) it will address	Training of researchers towards improved reproducibility of sample preparation and respirometric evaluation,Publication with a set of reference data,A MitoEAGLE database on muscle tissue from humans and model organisms,Draft of review manuscript,A library of protocols for sample preparation and examination by respirometry,A joint publication documenting the results of the MitoEAGLE-PT,Qualitative and quantitative evaluation of results obtained in ongoing studies by comparison with a reference sample,Guidelines for future research and recommendations for the evaluation of respiratory characteristics in human respirometric samples,A multi-authored publication with recommendations of comparable standard protocols and procedures,A continuously updated MITOEAGLE database for the use as reference data and guideline towards application of optimized protocols, ultimately leading towards standardization.,Guidelines as to the optimum use of a reference sample for determination of respiration and related parameters of interest,A set of guidelines for future studies on mitochondrial bioenergetics in muscle tissue		

Description	WG1 and WG2 Meeting		
Output(s)	This particular workshop will be a follow up meeting of the retreat in Innsbruck linked to one of the current projects we are performing in WG2 "OXPHOS capacity in human permeabilized myofibers: effect of oxygen, ADP and blebbistatin in MiR05 and buffer Z", only and will result in the finalization of a manuscript.		
Location	Innsbruck (Austria)	ITC	No
Start Date	2020-09-06 09:00:00	End Date	2020-09-10 18:00:00
Duration	5 days		
Number of expected total participants	8	Number of participants to be reimbursed from COST funds	3
Average reimbursement(per participant)(EUR)	666.67	Total Reimbursement costs (EUR)	2,000.01
Local Organiser Support (EUR)	60.00		
Total cost of the meeting (EUR)	2,060.01		

## Training Schools

### Overview

Title of the Training School	Dates	Location	ITC	Total Cost(EUR)
MitoEAGLE Training School	27/07/2020 - 30/07/2020	Obergurgl (Austria)	No	11,488.00
			Total	11,488.00

### Details

Title of the Training School	MitoEAGLE Training School		
Grant Period Goal(s) it will address	Training of researchers towards improved reproducibility of sample preparation and respirometric evaluation, A library of protocols for sample preparation and examination by respirometry, Qualitative and quantitative evaluation of results obtained in ongoing studies by comparison with a reference sample, Guidelines for future research and recommendations for the evaluation of respiratory characteristics in human respirometric samples, Guidelines as to the optimum use of a reference sample for determination of respiration and related parameters of interest, An education programme for the use of MITOEAGLE database and management system, A set of guidelines for future studies on mitochondrial bioenergetics in muscle tissue		
Description	Training school on OXPHOS protocols, mitochondrial pathways, protonmotive force and respiratory control, Mitochondrial physiology, liver and speciespecific respiratory control and mitochondrial medicine		
Output(s)	Enhance the rigorous training level particularly for PhD students and young researchers in order to establish the practical guidelines introduced by MitoEAGLE and to enhance research results in the long term		
Location	Obergurgl (Austria)	ITC	No
Start Date	2020-07-27 09:00:00	End Date	2020-07-30 18:00:00
Number of trainers	15	Number of trainees	80
Number of trainers to be reimbursed	6	Number of trainees to be reimbursed	32
Average trainer Reimbursement(EUR)	500.00	Average reimbursement per trainee(EUR)	109.00
Total trainer Reimbursement(EUR)	3,000.00	Total trainee Grant(EUR)	3,488.00
Local Organiser Support (EUR)	5,000.00		
Total cost of the Training School(EUR)	11,488.00		

### Short Term Scientific Missions (STSM)

Number	Average cost per STSM(EUR)	Total cost(EUR)
5	1,500.00	7,500.00
Grant Period Goal(s) it will address	Training of researchers towards improved reproducibility of sample preparation and respirometric evaluation, Publication with a set of reference data, A MitoEAGLE database on muscle tissue from humans and model organisms, Draft of review manuscript, A joint publication documenting the results of the MitoEAGLE-PT, Qualitative and quantitative evaluation of results obtained in ongoing studies by comparison with a reference sample, A continuously updated MITOEAGLE database for the use as reference data and guideline towards application of optimized protocols, ultimately leading towards standardization., A database on mt fitness evaluated with humans cells and tissues, An expanded MITOEAGLE database, Guidelines as to the optimum use of a reference sample for determination of respiration and related parameters of interest, An education programme for the use of MITOEAGLE database and management system	
Description	STSM	
Output(s)	1. Support individual mobility. 2. Specific contributions to the scientific objectives of MitoEAGLE. 3. Strengthen the MITOEAGLE network. 4. Foster collaborations by allowing researchers participating in the COST Action MitoEAGLE to visit an institution/organisation in another participating COST Country; an approved Near Neighbour Country nstitution; an approved International Partner Country institution. 5. Learn new techniques. 6. Gain access to specific data, methods and instruments not available in the home institutions / organisations.	

### ITC Conference Grant

Number	Average cost per Grant(EUR)	Total cost(EUR)
4	2,000.00	8,000.00
Grant Period Goal(s) it will address	Guidelines as to the optimum use of a reference sample for determination of respiration and related parameters of interest, An education programme for the use of MITOEAGLE database and management system	
Description	ITC Conference Grant	
Output(s)	1. Support individual mobility. 2. Strengthen the MitoEAGLE network. 3. Foster collaborations by allowing researchers participating in the COST Action MitoEAGLE to participate in a conference	



## COST Action Dissemination

Title	Type	Publisher/provider	Expected date of Release	Cost(EUR)
Dissemination Material	Leaflet / Brochure	Steiger Druck	31/08/2020	500.00
Grant Period Goal(s) it will address	Publication of paper on concepts and terminology: Dissemination of preprint and journal submission of final manuscript, Dissemination of COST Action MitoEAGLE, presenting results that were accomplished so far, goals and impact of the Action on research career			
Description	Dissemination material			
Output(s)	Dissemination material			

Title	Type	Publisher/provider	Expected date of Release	Cost(EUR)
States and rates	Printed publication	Steiger Druck	02/09/2020	1,000.00
Grant Period Goal(s) it will address	A multi-authored publication towards an unification of concepts and nomenclature in mitochondrial physiology, SOPs for blood cell separation and respirometric characterisation open for the research community, Publication with a set of reference data, A joint publication documenting the results of the MitoEAGLE-PT, Guidelines for future research and recommendations for the evaluation of respiratory characteristics in human respirometric samples, A multi-authored publication with recommendations of comparable standard protocols and procedures, A continuously updated MITOEAGLE database for the use as reference data and guideline towards application of optimized protocols, ultimately leading towards standardization., An expanded MITOEAGLE database, Guidelines as to the optimum use of a reference sample for determination of respiration and related parameters of interest, An education programme for the use of MITOEAGLE database and management system, Publication of paper on concepts and terminology: Dissemination of preprint and journal submission of final manuscript, The MitoEAGLE data management system, A set of guidelines for future studies on mitochondrial bioenergetics in muscle tissue			
Description	Programme, dissemination material for MitoEAGLE Meetings and various conferences			
Output(s)	Programme, dissemination material for MitoEAGLE Meetings and various conferences			

Title	Type	Publisher/provider	Expected date of Release	Cost(EUR)
Dissemination Material	Leaflet / Brochure	Steiger Druck or Studia	31/07/2020	1,000.00
Grant Period Goal(s) it will address	Publication of paper on concepts and terminology: Dissemination of preprint and journal submission of final manuscript, Dissemination of COST Action MitoEAGLE, presenting results that were accomplished so far, goals and impact of the Action on research career			
Description	Programme, dissemination material for MitoEAGLE Meetings and various conferences			
Output(s)	Programme, dissemination material for MitoEAGLE Meetings and various conferences			

Title	Type	Publisher/provider	Expected date of Release	Cost(EUR)
Website Dissemination and other website costs	Action Website	BCOMM	09/09/2020	300.00
Grant Period Goal(s) it will address	Dissemination of COST Action MitoEAGLE, presenting results that were accomplished so far, goals and impact of the Action on research career			
Description	Dissemination on website			
Output(s)	Dissemination on website			
Total Disseminations				2,800.00

**Other Expenses Related to Scientific Activities (OERSA)**

Item	Cost(EUR)
Bank fees	230.00