

## Horizon 2020

**Call: H2020-MSCA-IF-2017**  
(Marie Skłodowska-Curie Individual Fellowships)

**Topic: MSCA-IF-2017**

**Type of action: MSCA-IF-EF-ST**  
(Standard EF)

**Proposal number: 789616**

**Proposal acronym: Parasites of MPA**

**Deadline Id: H2020-MSCA-IF-2017**

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#### *How to fill in the forms?*

The administrative forms must be filled in for each proposal using the templates available in the submission system. Some data fields in the administrative forms are pre-filled based on the previous steps in the submission wizard.



Proposal ID **789616**

Acronym **Parasites of MPA**

## 1 - General information

Topic MSCA-IF-2017

Call Identifier H2020-MSCA-IF-2017

Type of Action MSCA-IF-EF-ST

Deadline Id H2020-MSCA-IF-2017

Acronym Parasites of MPA

Proposal title

Evaluating the effects of the protected area on species assemblages, population genetics and dynamics of marine organisms: a parasite community approach

Note that for technical reasons, the following characters are not accepted in the Proposal Title and will be removed: < > " &

Duration in months 24

Scientific Area ENV

Please select up to 5 descriptors (and at least 3) that best characterise the subject of your proposal, in descending order of relevance.

Descriptor 1 *Biodiversity, conservation biology*

Descriptor 2 *Species interactions (e.g. food-webs, symbiosis, parasitism, mutualism, bio-invasion)*

Descriptor 3 *Population biology, population dynamics, population genetics*

Descriptor 4 *Environmental, marine and freshwater biology*

Descriptor 5 *Aquaculture, fisheries*

Free keywords

*Cerbère-Banyuls marine reserve, parasites, molecular and taxonomic diversity, grey mullets, fishery*



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### Abstract

*The project will estimate the effects of the Natural Marine Reserve of Cerbère-Banyuls on grey mullet fish and their parasites in the Mediterranean. The project aim is threefold: to assess the protection on maintaining molecular and taxonomic diversity of marine parasites; to evaluate the effect of the marine reserve on the stock recovery of grey mullets in open Mediterranean areas; and to estimate reasonable fishing rate based on epidemiologic and demographic indicators to ensure that stock rebuilding is progressing and it is efficiently using. This project proposes a new approach that relies on fish parasites, using their community structure, population dynamics and genetic diversity to assess conservation efficiency and spillover benefits in fishery-dependent areas. The novelty of the study is to focus on fish early life-history stages. This will provide a good opportunity for understanding the processes influencing individuals survive to reproduction. The methodology of the study will place emphasis on: a) quantitative approach: assessment of diversity, abundance and dispersion patterns of fish parasites; b) comparative approach: application of integrated, multi-species, large-scale, ecosystem-level approach to understand the ecology and potential population-level effects of the protected area; c) age approach: tracking parasite dynamics over fish growth beginning from the first days of post-settlement to assess the influence of parasites on the host mortality rate; d) multidisciplinary approach: use of parasite infra-community data and population genetics as biological tags; e) forecasting approach: development of a predictive model of parasite dynamics. The project addresses the lack of knowledge about parasite communities and host-parasite relationships in marine protected areas to maintain a broad ecosystem-based framework for management of marine biological resources.*

Remaining characters

91

Has this proposal (or a very similar one) been submitted to a Horizon 2020 Marie Skłodowska-Curie Individual Fellowship call, with the same supervisor and future host institution (and partner organization for Global Fellowships)?

Yes  No

Please give the proposal reference or contract number.

746511



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### Declarations

1) The applicant (future beneficiary) declares to have the explicit consent of all partner organisations (if applicable) on their participation and on the content of this proposal.	<input checked="" type="checkbox"/>
2) The information contained in this proposal is correct and complete.	<input checked="" type="checkbox"/>
3) This proposal complies with ethical principles (including the highest standards of research integrity — as set out, for instance, in the <a href="#">European Code of Conduct for Research Integrity</a> — and including, in particular, avoiding fabrication, falsification, plagiarism or other research misconduct).	<input checked="" type="checkbox"/>
4) The applicant (future beneficiary) hereby declares:	
- it is fully eligible in accordance with the criteria set out in the specific call for proposals; and	<input checked="" type="checkbox"/>
- it has the financial and operational capacity to carry out the proposed action.	<input checked="" type="checkbox"/>
The applicant (future beneficiary) is only responsible for the correctness of the information relating to his/her own organisation. Where the proposal to be retained for EU funding, the applicant (future beneficiary) will be required to present a formal declaration in this respect.	

According to Article 131 of the Financial Regulation of 25 October 2012 on the financial rules applicable to the general budget of the Union (Official Journal L 298 of 26.10.2012, p. 1) and Article 145 of its Rules of Application (Official Journal L 362, 31.12.2012, p.1) applicants found guilty of misrepresentation may be subject to administrative and financial penalties under certain conditions.

#### Personal data protection

The assessment of your grant application will involve the collection and processing of personal data (such as your name, address and CV), which will be performed pursuant to Regulation (EC) No 45/2001 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data. Unless indicated otherwise, your replies to the questions in this form and any personal data requested are required to assess your grant application in accordance with the specifications of the call for proposals and will be processed solely for that purpose. Details concerning the purposes and means of the processing of your personal data as well as information on how to exercise your rights are available in the [privacy statement](#). Applicants may lodge a complaint about the processing of their personal data with the European Data Protection Supervisor at any time.

Your personal data may be registered in the Early Detection and Exclusion system of the European Commission (EDES), the new system established by the Commission to reinforce the protection of the Union's financial interests and to ensure sound financial management, in accordance with the provisions of articles 105a and 108 of the revised EU Financial Regulation (FR) (Regulation (EU, EURATOM) 2015/1929 of the European Parliament and of the Council of 28 October 2015 amending Regulation (EU, EURATOM) No 966/2012) and articles 143 - 144 of the corresponding Rules of Application (RAP) (COMMISSION DELEGATED REGULATION (EU) 2015/2462 of 30 October 2015 amending Delegated Regulation (EU) No 1268/2012) for more information see the [Privacy statement for the EDES Database](#).



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## List of participants

#	Participant Legal Name	Country
1	UNIVERSITE PIERRE ET MARIE CURIE - PARIS 6	France



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Short name **UPMC**

## 2 - Administrative data of participating organisations

### Future Host Institution

<b>PIC</b>	<b>Legal name</b>
999986193	UNIVERSITE PIERRE ET MARIE CURIE - PARIS 6

*Short name: UPMC*

#### *Address of the organisation*

Street Place Jussieu 4  
 Town PARIS  
 Postcode 75252  
 Country France  
 Webpage www.upmc.fr

#### *Legal Status of your organisation*

##### Research and Innovation legal statuses

Public body .....	yes	Legal person .....	yes
Non-profit .....	yes		
International organisation .....	no		
International organisation of European interest .....	no		
Secondary or Higher education establishment .....	yes		
Research organisation .....	yes		
Small and Medium-sized Enterprises (SMEs) .....	no		
Academic Sector .....	yes		



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Short name **UPMC**

### Department(s) carrying out the proposed work

#### Department 1

Department name   not applicable

Same as organisation address

Street

Town

Postcode

Country

If the location of the Department carrying out the proposed work is not the same as the location of the Host Institute, please note that although the proposal submission system calculates the budget of the project based on the location of the Host Institute, the budget of the project for the grant agreement will be calculated by using the country coefficient of the location of the Department carrying out the proposed work.



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Short name **UPMC**

### Researcher

The name and e-mail of the Researcher and Supervisor are read-only in the administrative form, only additional details can be edited here. To give access rights and contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Last Name\* SARABEEV

Last Name at Birth

First Name(s)\* Volodimir

Gender\*

Male

Female

Title

Dr.

Country of residence\*

Ukraine

Nationality\*

Ukraine

Nationality 2

Date of Birth (DD/MM/YYYY) 13/07/1974

Country of Birth\*

Ukraine

Place of Birth

Zaporizka

### Contact address

Current organisation name

Zaporizhzhia National University

Current Department/Faculty/Institute/  
Laboratory name

Biology

Same as organisation address

Street

Zhukovskogo 66

Postcode/Cedex\*

69600

Town\*

Zaporizhzhia

Phone

+380983277973

Country\*

Ukraine

Phone2 / Mobile

+xxx xxxxxxxxxx

E-Mail\*

vosa@uv.es

ORCID ID

0000-0003-4724-3141

Researcher ID

*The maximum length of the identifier is 11 characters (ZZZ-9999-2010) and the minimum length is 9 characters (A-1001-2010).*

Other ID

SCOPUS

6507221652





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Short name **UPMC**

### Qualifications

University Degree giving access to PhD	Date of award (DD/MM/YYYY)	<input type="text" value="26/06/1996"/>
Doctorate	Start date (DD/MM/YYYY)	<input type="text" value="01/11/1996"/>
Doctorate	Date of (expected) award (DD/MM/YYYY)	<input type="text" value="16/05/2001"/>
Full time research experience	Number of months	<input type="text" value="250"/>

(Measured from the date when a researcher obtained the degree entitling him/her to embark on a doctorate, either in the country in which the degree was obtained or in the country in which the researcher is recruited, even if a doctorate was never started or envisaged.)

### Place of activity/place of residence (previous 5 years - most recent one first)

Indicate the period(s) and the country/countries in which you have legally resided and/or had your main activity (work, studies, etc) during the last 5 years up until the deadline for the submission of the proposal. Please fill in this section without gaps, until the call deadline (14/09/2017).

Period from	Period to	Duration (days)	Country
01/03/2017	14/09/2017	198	Ukraine
04/09/2016	28/02/2017	178	Spain
30/09/2015	03/09/2016	340	Ukraine
01/12/2014	29/09/2015	303	Spain
09/10/2014	30/11/2014	53	Ukraine
22/08/2014	08/10/2014	48	France
27/07/2012	21/08/2014	756	Ukraine
22/03/2012	26/07/2012	127	France
Total		2003	



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Short name **UPMC**

### Supervisor

The name and e-mail of the Researcher and Supervisor are read-only in the administrative form, only additional details can be edited here. To give access rights and contact details of contact persons, please go back to Step 4 of the submission wizard and save the changes.

Title

Sex  Male  Female

First name\* **Yves**

Last name\* **Desdevises**

E-Mail\* **desdevises@obs-banyuls.fr**

Position in org.

Department

Same as organisation address

Street

Town

Post code

Country

Website

Phone

Phone 2

Fax

### Other contact persons

First Name	Last Name	E-mail	Phone
Anaïs	Desclos	anaïs.desclos@upmc.fr	+330144273885



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### 3 - Budget

Is the Researcher eligible for family allowance?  Yes  No

Participant Number	Organisation Short Name	Country	Country Coefficient	Number of Months	Researcher Unit Cost			Institutional Unit Cost		Total
					Living Allowance	Mobility Allowance	Family Allowance	Research, training and networking costs	Management and Overheads	
1	UPMC	FR	1,11	24	123876,00	14400,00	12000,00	19200,00	15600,00	185076,00
Total				24	123876,00	14400,00	12000,00	19200,00	15600,00	185076,00

Partner Organisation from Third Country does not sign the Grant Agreement, does not recruit the researcher and does not directly claim costs from the action. The entire EC contribution is transmitted to the Host organisation located in Members States or Associated Countries.

## 4 - Ethics issues table

<b>1. HUMAN EMBRYOS/FOETUSES</b>		Page
Does your research involve <a href="#">Human Embryonic Stem Cells (hESCs)</a> ?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research involve the use of human embryos?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research involve the use of human foetal tissues / cells?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>2. HUMANS</b>		Page
Does your research involve human participants?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research involve physical interventions on the study participants?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>3. HUMAN CELLS / TISSUES</b>		Page
Does your research involve human cells or tissues (other than from Human Embryos/ Foetuses, i.e. section 1)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>4. PERSONAL DATA</b>		Page
Does your research involve personal data collection and/or processing?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research involve further processing of previously collected personal data (secondary use)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>5. ANIMALS</b>		Page
Does your research involve animals?	<input checked="" type="radio"/> Yes <input type="radio"/> No	21
Are they vertebrates?	<input checked="" type="radio"/> Yes <input type="radio"/> No	21
Are they non-human primates?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Are they genetically modified?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Are they cloned farm animals?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Are they endangered species?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
The project focus on parasitological surveys of commercially exploited grey mullet fish (Mugilidae) in the Mediterranean		
<b>6. THIRD COUNTRIES</b>		Page



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In case non-EU countries are involved, do the research related activities undertaken in these countries raise potential ethics issues?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Do you plan to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, endangered fauna or flora samples, etc.)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Do you plan to import any material - including personal data - from non-EU countries into the EU?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Do you plan to export any material - including personal data - from the EU to non-EU countries?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
In case your research involves <a href="#">low and/or lower middle income countries</a> , are any benefits-sharing actions planned?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Could the situation in the country put the individuals taking part in the research at risk?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>7. ENVIRONMENT &amp; HEALTH and SAFETY</b>		Page
Does your research involve the use of elements that may cause harm to the environment, to animals or plants?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Does your research deal with endangered fauna and/or flora and/or protected areas?	<input checked="" type="radio"/> Yes <input type="radio"/> No	21
Does your research involve the use of elements that may cause harm to humans, including research staff?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>8. DUAL USE</b>		Page
Does your research involve dual-use items in the sense of Regulation 428/2009, or other items for which an authorisation is required?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>9. EXCLUSIVE FOCUS ON CIVIL APPLICATIONS</b>		Page
Could your research raise concerns regarding the exclusive focus on civil applications?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>10. MISUSE</b>		Page
Does your research have the potential for misuse of research results?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>11. OTHER ETHICS ISSUES</b>		Page
Are there any other ethics issues that should be taken into consideration? Please specify	<input type="radio"/> Yes <input checked="" type="radio"/> No	

I confirm that I have taken into account all ethics issues described above and that, if any ethics issues apply, I will complete the ethics self-assessment and attach the required documents.

[How to Complete your Ethics Self-Assessment](#)



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## 5 - Call specific questions

### Eligibility Researcher (future fellow)

1. Were you in the last 5 years in military service?

Yes  No

### Other Questions

1. For communication purposes only, the European Commission REA asks for permission to publish the name of the researcher (future fellow) should the proposal be retained for funding. Does the researcher (future fellow) give this permission?

Yes  No

2. Some national and regional public research funding authorities run schemes to fund MSCA applicants that score highly in the MSCA evaluation but which cannot be funded by the MSCA due to their limited budget. In case this proposal could not be selected for funding by the MSCA, do the researcher and supervisor consent to the European Commission disclosing to such authorities the results of its evaluation (score and ranking range) together with their names and contact details, non-confidential proposal title and abstract, proposal acronym, and host organisation?

Yes  No

3. Is there a secondment in Member States or Associated Countries envisaged in Part B of this proposal?

Yes  No

In which sector is the secondment in Member States / Associated Countries foreseen?

Academic  Non Academic

Do you already know the organisation to which this secondment will be?

Yes  No

Name

Country

In which sector is the secondment in Member States / Associated Countries foreseen?

Academic  Non Academic

Do you already know the organisation to which this secondment will be?

Yes  No

Name

Country



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### Extended Open Research Data Pilot in Horizon 2020

If selected, applicants will by default participate in the [Pilot on Open Research Data in Horizon 2020](#)<sup>1</sup>, which aims to improve and maximise access to and re-use of research data generated by actions.

However, participation in the Pilot is flexible in the sense that it does not mean that all research data needs to be open. After the action has started, participants will formulate a [Data Management Plan \(DMP\)](#), which should address the relevant aspects of making data FAIR – findable, accessible, interoperable and re-usable, including what data the project will generate, whether and how it will be made accessible for verification and re-use, and how it will be curated and preserved. Through this DMP projects can define certain datasets to remain closed according to the principle "as open as possible, as closed as necessary". A Data Management Plan does not have to be submitted at the proposal stage.

Furthermore, applicants also have the possibility to opt out of this Pilot completely at any stage (before or after the grant signature). In this case, applicants must indicate a reason for this choice (see options below).

Please note that participation in this Pilot does not constitute part of the evaluation process. Proposals will not be penalised for opting out.

We wish to opt out of the Pilot on Open Research Data in Horizon 2020.

Yes

No

Further guidance on open access and research data management is available on the participant portal:

[http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/open-access-dissemination\\_en.htm](http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/open-access-dissemination_en.htm) and in general annex L of the Work Programme.

<sup>1</sup> According to article 43.2 of Regulation (EU) No 1290/2013 of the European Parliament and of the Council, of 11 December 2013, laying down the rules for participation and dissemination in "Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020)" and repealing Regulation (EC) No 1906/2006.