

Application Guide

Maria de Sousa Call for PhD Studentships – 2022

SEAGULL – Seeking Epidemiological and Virological Answers

August 2022

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ACRONYMNS

CV – *Curriculum Vitae*

FAQs – Frequently Asked Questions

EBI – Research Fellowship Holder Statute

FCT – Fundação para a Ciência e a Tecnologia, I.P.

RBI – FCT Regulation for Studentships and Fellowships

SDG – United Nations Sustainable Development Goals for the 2030 Agenda

USEFUL LINKS

FCT webpage for the Maria de Sousa Call for PhD Studentships – 2022:

<https://www.fct.pt/apoios/bolsas/mariadesousa2022.phtml.en>

MyFCT: <https://myfct.fct.pt>

FAQs: <https://www.fct.pt/apoios/bolsas/mariadesousa2022.phtml.en>

CIÊNCIA ID: <https://www.ciencia-id.pt>

CIÊNCIAVITAE: <https://cienciavitae.pt>

ORCID: <https://orcid.org>

DGES – Directorate General for Higher Education (*Direção Geral do Ensino Superior*):

<https://www.dges.gov.pt/pt>

1. INTRODUCTION

The Application Guide is the document to assist applicants in submitting their applications for the Maria de Sousa Call for PhD Studentships – 2022: SEAGULL – *Seeking Epidemiological and Virological Answers*.

This guide does not replace or override the information specified in the Research Fellowship Holder Statute (EBI), in the FCT Regulation for Research Studentships and Fellowships (RBI) or in the Notice of the Call and respective Annex I (Evaluation Guide); therefore, it is recommended to read these documents carefully.

2. BEFORE SUBMITTING YOUR APPLICATION

2.1 Who can apply?

All individuals who satisfy the requirements specified in the FCT Regulation for Research Studentships and Fellowships (RBI), in the Research Fellowship Holder Statute (EBI) and in the Notice of the Call may apply to the Maria de Sousa Call for PhD Studentships – 2022: SEAGULL – *Seeking Epidemiological and Virological Answers*. Therefore, before you start to prepare your application, read these documents and the Evaluation Guide (Annex I of the Notice of the Call) carefully. FCT also recommends the reading of the **CIÊNCIAVITAE** Guide and FAQs, available at the FCT webpage and at the MyFCT platform.

It should be noted that, applicants who hold a doctoral degree will not be eligible, nor those who have benefited from a PhD studentship directly financed by FCT, regardless of its duration.

2.2 Registration on the FCT Information System – MyFCT

MyFCT portal was designed to support the cycle of funding in all its stages: application, evaluation, granting and management of funding in a single information system, where the application will be submitted.

Registration on FCT Information System (MyFCT) is initially made through **CIÊNCIA** ID platform, where you will be assigned a unique identifier and authenticator – **CIÊNCIA** ID. With a single ID account, applicants and supervisors have access to the platforms of curricular and application management, **CIÊNCIAVITAE** and **MyFCT**, respectively.

2.3 Curricular management platform – CIÊNCIAVITAE

In the Maria de Sousa Call for PhD Studentships – 2022, applicants may only use the curricular management platform **CIÊNCIAVITAE**. This platform produces a unique CV that may be used nationally or internationally.

To create a CV in **CIÊNCIAVITAE** platform you need to have a **CIÊNCIA** ID unique identifier. If you still do not have a **CIÊNCIA** ID identifier, you may register at: <https://www.ciencia-id.pt/CienciaID/HomePage.aspx>.

After this first registration, you may then create your CV in the **CIÊNCIAVITAE** platform, available at: <https://www.cienciavitae.pt/>.

At the platform webpage you may find useful information for the creation and management of your CV, namely, the user manual and frequently asked questions (FAQs). **CIÊNCIAVITAE** has a helpdesk to answer questions available through the address: info@cienciavitae.pt. More details on how to complete your **CIÊNCIAVITAE** CV are presented in point 3.6 of this guide.

2.4 Unique researcher ORCID ID record

This registration is **optional** for applicants and supervisors.

In case you would like to create an ORCID identifier, you will have to register as a new user at <https://orcid.org/register>. An ORCID identification number will be assigned to you. This number appears on the left-hand side of the screen under your name. It consists of 16 digits in four groups of four, e.g., <http://orcid.org/xxxx-xxxx-xxxx-xxxx>.

If you intend to associate your ORCID identifier in your personal data of MyFCT you should fill in the information on the menu “Profile> ORCID”.

The screenshot shows the MyFCT user interface. At the top left, a user profile dropdown menu is open, listing: MyFCT, Backoffice, Profile, Português, and Logout. Below this is a teal header bar with the MyFCT logo and the text 'gestão de financiamento'. Underneath the header, there are three tabs: CALLS, APPLICATIONS (which is selected), and SUPERVISOR AREA. The main content area is divided into two columns. The left column contains a sidebar menu with the following items: ACCESS DATA, PERSONAL DATA, ORCID (which is highlighted in blue), FCTSIG USERS, and PREFERENCES. The right column is titled 'PROFILE' and 'ORCID'. It contains an information icon and the text: 'In this page you can manage your ORCID account association'. Below this is a green circular icon with the letters 'id' and a paragraph of text: 'ORCID is a persistent unique identifier that accompanies an individual throughout his or her career. ORCID records store information such as name, contact, organization and information on publications, scholarships, patents and other academic and scientific production. ORCID is a unique persistent identifier that accompanies an individual throughout his or her career. The ORCID records store information such as name, contact, organization and information on publications, grants, patents and other academic and scientific production.' At the bottom of the ORCID section, there is a link: 'Allow access to ORCID ID'.

Using the unique identifier **neither dispenses nor substitutes the analysis** of the **applicant and supervisors' CVs** by the evaluation panel. Any elements present in ORCID not mentioned in the submitted CVs **will not be considered**.

The information made available in the ORCID ID will only be visible if the **"Public" profile** option is selected. The ORCID profile will not be "frozen" when the application is submitted but will rather be the one that is available at whichever time the evaluators access it.

It is possible to submit the application even if the ORCID section is in a **"Not Filled in"** status.

2.5 Application platform

Access to the application platform is made using **CIÊNCIA** ID unique identifier on the MyFCT portal: <https://myfct.fct.pt/>. For a better user experience in MyFCT, FCT recommends the preferred use of **Chrome** or **Firefox** browsers.

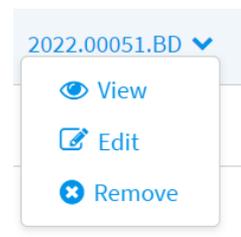
In MyFCT you will have access to:

- i. Main page, Main page, with information about the Call;
- ii. Applicant's area, linked to the application form – **Maria de Sousa Call for PhD Studentships – 2022** – and information about the respective deadlines;
- iii. Applicant's area and the respective area for the supervising team;
- iv. Notifications (list of messages indicated in the top right menu – "bell" icon on the left side of the user's name);
- v. In MyFCT you will also have access to submitted or draft applications related to previous calls, when applicable.

2.6 Application Form

To access the application form, it is necessary to select the call – **Maria de Sousa Call for PhD Studentships – 2022** – and click on the button **"Start application"**. A reference will be automatically generated and will be used as the unique identification of the application until the end of the call. You can only register and submit **a single application**. However, **even after being submitted, this application may be re-edited and submitted again, within the deadline indicated for the submission of applications** (see point 2.6.2 of this Guide).

The form is filled in directly in the platform, and it is always available to view or edit; for that, you just need to click on the application reference, selecting the respective option.



2.6.1 Structure of the Form

The form is organized in such a way that its content provides relevant information to the evaluators, being composed of the following sections:

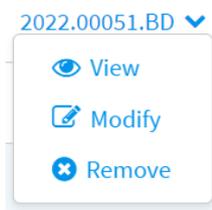
1. Personal Data
2. Application Data
3. Work Plan
4. Hosting Conditions
5. Validate and Submit

In point 3 of this Guide is specified the necessary content and information in each section of the application form.

In addition to the fields for filling in with your proposal information, you have also available the global view of the form, available through the “**Overview**” button (available in the upper right corner of the form), and the **validation area** that allows the identification and correction of errors related to the process of filling in and submitting the application form.

2.6.2 Application Form Submission

During the period of applications’ submission you may validate, submit, and edit again your application, as much as necessary. In this case, if you intend to modify a submitted application, you should click on “**Modify**”, as indicated in the figure. When you decide to **modify your application, it will return to Draft and you will have to validate and repeat the submission** before the established deadline to submit applications. **Different versions of the application will not be recorded.**



2.6.3 Specific Features of the Form: Word Limit, Optional and Public Information Fields

Some fields of the form have a limited number of words. If you exceed the number of words specified for each specific field, it will not be possible to submit the application. Text-limited fields have a counter to help you control the words filled in.

Optional fields are duly identified on the form; FCT strongly recommends the filling in of those fields which have the label “Whenever applicable”. Please note that, when you start filling in any optional section (e.g., “Previous Fellowships”), the respective subfields will be mandatory.

The fields of the application form that will be made public when the results are published are identified in the “**Overview**” of the application with the caption “Public Information”, determining that all candidates of the call will have access to the information included in these fields.

2.7 General Recommendations

FCT suggests that you follow the following recommendations when preparing your application:

- **Plan and complete the application process as early as possible**, in order to ensure that you will have time to obtain support from FCT, if necessary;
- Carefully read the **recommendations** provided in this **Guide**, in the **Notice of the Call**, **Evaluation Guide (Annex I of the Notice of the Call)**, **FAQs** and on the **form** itself. Most questions are answered in these documents; therefore, we **recommend that you read them carefully before contacting FCT**;

- You should not assume that the form and the rules for submission are the same as in the previous call. Some changes have been introduced in the 2022 Call;
- **Validate the form frequently** to detect eventual errors of filling in;
- Verify and confirm the appearance of the text filled in, checking if it corresponds to the one you wish to submit;
- Preferably, fill in the fields of each section in a sequential manner;
- In order to search for the desired option in the form fields with drop list, you can write a keyword so that all options containing that word are listed. If none of the results correspond to you were searching for, you can add a new entry by clicking on “Create new”/”Add institution” in the fields with these options;
- Use a software able to combine several PDF files into a single one, in case you need to upload several documents in a field that allows a single file upload;
- Preferably, assign self-explanatory names to the uploaded files (such as *Timeline*), avoiding generic names (do not use accents, commas, cedillas, spaces or other special characters);
- Avoid submitting your application close to the deadline established for the submission of applications;
- In case you submit an application and later decide to modify it, **please guarantee that you submit it again before de the deadline** established for the submission of applications;
- Complete and update your **CV in the CIÊNCIAVITAE curriculum management platform. This is the information that will be considered for the purposes of evaluation** and must therefore present all scientific productions and activities **duly referenced and identified**, with as much information as possible. For example, the authorship of publications should mention the complete list of authors, in the correct order; papers should include the respective DOI, whenever applicable, as patents should also indicate the respective reference; in case you have held research fellowships, you should also mention the respective duration, reference, funding institution, under penalty of not being considered. The same principles should be adopted by supervisors when filling in their CVs;
- **If the applicant or the supervisor update their CVs on the CIÊNCIAVITAE platform**, during the application submission period, **and intend to see those changes reproduced in the application, they must re-associate their CVs with the application**;
- Know the evaluation criteria and sub-criteria presented in the Evaluation Guide (Annex I of the Notice of the Call);
- Before submitting your application, read again all fields of the form and review all the attached documents, to confirm that all information included is in accordance with what was intended, also enabling the identification and correction of possible lapses, for example, the submission of a wrong document and/or duplication of the same document in more than one form field;
- Careful, clear and objective writing of the application is recommended, with special attention to sentence construction and unnecessary redundancies, in order to optimize the use of space in each field; it is also recommended to perform a spelling and grammar review prior to submission.

2.8 Admissibility requirements

The requirements for admission to the competition are established in its Notice of the Call (point 5.2), noting that it is mandatory, **under penalty of non-admission of the application**, to:

- a) Associate your updated **curriculum vitae** (CV), with the respective curricular elements, in the **CIÊNCIAVITAE** platform;
- b) To write a **synopsis of the CV**, clearly and succinctly identifying the most relevant elements of your academic and professional career, such as academic and complementary training, scientific publications, communications at conferences, participation and organization of events, awards, professional and civic activities and other situations considered relevant for the CV assessment;
- c) Present a **detailed description of your work plan** for the research activities to be developed (the academic component of a doctoral programme is not considered part of the work plan);
- d) Ensure that **all members of the supervising team confirm their association** to the application and submit the respective **curricula**. Supervisors may submit their CV through **CIÊNCIAVITAE** platform or through the upload of a **PDF file**;
- e) To indicate, at least **one** and maximum **N+1 host institutions**, where N is the number of associated supervisors, and, therefore, each application cannot exceed the number of 4 host institutions;
- f) Present a **motivation letter**, in the respective field of the form, explaining the reasons for the application, in which the applicant presents her/his scientific and/or professional career and how it fits the proposed work plan, if applicable. In the letter of motivation, the applicant should also explain the reasons of her/his choice regarding the selected most representative document or achievement;
- g) **Submit the most representative document** of her/his scientific/professional path, written in Portuguese or English, as explained in point 3.11;
- h) Submit **2 recommendation letters**, open or closed, clearly identifying the respective issuers, written in Portuguese or in English. These letters must be signed, refer to this call and include the context of the academic and/or professional relationship of the applicant with the referee, for example, referring to the maturity and adequacy of applicant's profile to the proposed work plan, therefore recommendation letters should not be mere supervision acceptance letters. Applicants should clearly transmit these general indications to their referees, highlighting the importance of including the above-mentioned points in the letter. Recommendation letters beyond the defined number (two) will not be considered for evaluation purposes;
- i) **Present the timeline** of the workplan, indicating the main tasks and milestones to be achieved;
- j) Write the application, and all of its related documents, including the **curriculum vitae**, recommendation letters, most representative document, motivation and support letters in **Portuguese** or **English**. This is also applicable to the documents presented by the supervisors associated to the application, namely the respective **curricula**. Documents presented in a language other than those indicated **will not be**

considered for evaluation purposes.

Regarding the documents mentioned above, those under the following or similar circumstances will be considered invalid: i) submitted in a corrupted file, ii) blank file, iii) the same file is submitted twice (letters of recommendation field, for example). **The application will not be admitted if any of the mandatory submission documents is considered invalid.**

2.9 How to address questions to FCT

We recommend that, before contacting FCT, you should carefully read all the documents related to the Call, including the list of FAQs, available at the FCT website:

<https://www.fct.pt/apoios/bolsas/mariadesousa2022.phtml.en>

Questions related to the application, the application form or how to fill in the form, should be sent to FCT through the following email address info.bolsas@fct.pt, referring to “Concurso Maria de Sousa – 2022”/“Maria de Sousa PhD Call - 2022” in the message subject. In case you have already started your application, you should also mention its reference, indicating in the subject of the email: “Concurso Maria de Sousa 2022/2022 Maria de Sousa PhD Call – 2022 – 2022.XXXXX.BD”.

FCT cannot guarantee a timely answer to requests of clarification addressed within to 2 working days before the application submission deadline.

3. PROPOSAL PREPARATION

To help you in the preparation of your proposal, a detailed description of the application form is presented, indicating the relevant information that should be included in each field and what are its conditions.

3.1 Personal Data

Applicants and supervisors’ personal data shown in the form are directly imported from the **CIÊNCIA** ID account. In case the information displayed in this page is inaccurate or incomplete, you should update it directly in the **CIÊNCIA** ID platform.

Additionally, in the **CIÊNCIAVITAE** platform you should also fill in the fields related to your personal data. These data may be available, or not, in the PDF version of your CV that will be associated to your application, depending on your choice to make your personal data public or semi-public to the FCT.

3.2 Academic Degrees

To be eligible in the call, it is a determining condition that you do not hold a PhD degree. Therefore, applicants must mandatorily sign, under honour, the checkbox “I declare not to hold a doctoral degree”.

The submission of degree certificates is not a mandatory admissibility requirement; its presentation may only occur upon granting the studentship. Nevertheless, the presentation of the **degree certificates in the application form** is determinant for evaluation purposes, namely, to **calculate the score of A1**, a sub-criterion of the Merit of the Applicant. Similarly, in case of academic degrees obtained abroad, only degrees with the respective records of recognition/equivalence and conversion to the Portuguese grading scale will be considered to calculate the score of A1 sub-criterion.

For the use of the scores indicated in Table 1 of the Notice of the Call, it is **mandatory** to submit the **academic degree certificates**, in the **application form**, indicating the final grade and, when applicable, the respective **records of recognition/equivalence and conversion to the Portuguese grading scale**. Without the presentation of these documents sub-criterion **A1 will be scored 0 (A1=0)**.

3.2.1 Academic Degrees Obtained in Portugal

In case of academic degrees obtained in Portugal, according to the respective situation, applicants must comply with the following:

- For post-Bologna academic degrees, applicants should specify the grades obtained in the 1st and/or 2nd study cycles, as well as the corresponding ECTS;
- In case of integrated master degrees, for whom the institutions do not provide separate grades for the 1st and 2nd cycles of study, it should be submitted the final academic degree detailing the final grade of both cycles, as well as the total number of ECTS;
- For pre-Bologna academic degrees, applicants should indicate the grade obtained for the graduate and/or master degrees, respectively.

For each of your academic degrees, you should click on the “Add Academic Degree” button, then select the respective option from the drop list and fill in the respective mandatory fields and repeat this action in case you wish to add one more academic degree.

In case your academic degree is not included in the drop list, please select the option that most approximately corresponds to it and use the “Degree Designation” field for a more detailed description.

3.2.2 Academic Degrees Obtained Abroad

To comply with the foreseen applicable Portuguese legislation regarding the recognition of foreign qualifications, all the rights inherent to academic degrees granted by foreign higher education institutions is duly recognised to the holders of these degrees. This recognition is subject to the presentation of the **academic degrees’ recognition and conversion of the final grade to the Portuguese grading scale**, requested to the Dean of a public Portuguese University, the Head of a Public Polytechnic Institute or the Director-General for Higher Education; or by the presentation of the **recognition/equivalence**, registered by a public higher education institution.

The legal regime applicable to the recognition procedures is approved by the Decree-Law no. 66/2018, of 16 August, if requested after 1 January 2019. According to this decree-law, there are three types of recognition in

Portugal: automatic recognition, level recognition and specific recognition. For requests submitted before 1 January 2019, the applicable legal procedure is ratified by Decree-Law 341/2007, of 12 October, and regulated by Decree no. 227/2017, of 25 July, or, alternatively, for equivalence processes, the request is governed by the Decree-Law no. 283/83, of 21 June.

For further information, we recommend you to visit the website of the Directorate General for Higher Education (*Direção-Geral do Ensino Superior*, DGES): <https://www.dges.gov.pt/en>.

Applicants with foreign academic degrees should:

- Select the country where the degree was obtained;
- Indicate the academic degree granting institution;
- Indicate the year of conclusion of the degree;
- Select the type of recognition in the drop list;
- Indicate the original final grade of that degree;
- Specify the grade converted to the Portuguese grading scale, in case your degree has been converted by a public Portuguese Higher Education Institution or by DGES;
- Upload the recognition/equivalence of the degree and the conversion of the final grade to the Portuguese grading scale issued by a public Portuguese Higher Education Institution or by DGES. In case of specific recognition, whenever possible, the legal document of degree recognition should be accompanied by the corresponding Jury Report appointed for the act.

We again highlight that the submission of both the recognition of academic degrees and the respective final grade conversion is **mandatory for the calculation of the sub-criterion A1 and the respective scores application indicated in Table 1** of the Notice of the Call.

In case the applicant presents only the record of recognition/equivalence of the degree obtained abroad, without the grade conversion to the Portuguese grading scale, it will not be possible to calculate sub-criterion A1. Nevertheless, the record of recognition/equivalence of the degree may be considered within the scope of sub-criterion A2 (Personal curriculum) evaluation.

3.2.3 Annexes Submission (Submit whenever applicable)

Applicants should submit the certificates corresponding to each indicated degree, also indicating the grade for each subject, whenever possible (max. PDF file size 4 MB). In case the degree certificate and the certificate of the grade obtained in all curricular units are independent documents, please combine both documents into a single PDF file and upload it into the field “Attachments”.

You can also submit the **diploma supplement** and your **percentile**; despite optional, the upload of both documents is recommended.

The **diploma annex** is a diploma's supplementary document containing detailed information concerning the training carried out, the number of ECTS, results obtained and the characteristics of the education institution, from an international mobility perspective; we recommend the submission of this document.

The **percentile** in the concluded degree is a document that allocates the grade obtained by a student within the total of grades awarded in the year in which the student obtained the degree, at the same education institution and for the same course.

FCT recommends that you submit all the documents you have regarding the conclusion of your academic degrees, including, for example, the respective diploma supplements and Jury Reports, in case of specific degree recognition. All the documentation necessary for application evaluation should be uploaded within the appropriate fields of the application form; FCT will not accept any paper or emailed documents.

Other postgraduate training, not leading to an academic degree, may also be indicated in the "Academic degrees" field, although the submission of the respective certificates is not mandatory for evaluation purposes.

3.3 Disability degree

The option "No disability" appears as a default in this field, applicable to candidates without disability; in this case it is not necessary to submit any document. In case of disability, equal to or above 60% and under 90%, or above 90%, you should select the corresponding option in the drop list and upload the respective document (max. PDF file size 1 MB). The *Atestado Médico de Incapacidade Multiuso* is the accepted document to attest the applicant's disability. In compliance with the applicable legislation, no other document to certify disability will be accepted, including medical certificates, issued by any other entity that does not have the multipurpose (*multiuso*) valence. Whenever, under the terms of the applicable legislation, the *Atestado Médico de Incapacidade Multiuso* is only valid when accompanied by proof of request for a new medical board, the respective request must also be included in the same PDF.

3.4 Previous Fellowships

The field "Previous Fellowships" should be filled in whenever applicable, *i.e.*, whenever you have benefited from a research fellowship, regardless the funding entity.

To specify the fellowships that you have held previously, you should "Add Fellowship" and fill in the fields regarding the year of conclusion, reference, duration, affiliation and funding institutions; from the moment you start filling in this section, all of its fields become mandatory. Applicants should only declare fellowships for which they are beneficiaries and under which they have signed an individual contract with the funding institution. This concept does not include participation in projects financed by grants awarded to third parties.

On this section, the candidate will also have to declare, under honour, that he/she has not benefited from any doctoral or doctoral studentship in companies directly financed by FCT, regardless of its duration, by mandatorily marking the respective checkbox.

3.5 Professional Activity

Studentship holders are obliged to exclusive dedication, in accordance with the terms established in the Research Fellowship Holder Statute (EBI).

If you wish to maintain a professional activity compatible with the studentship under the terms of Art. 5 of the EBI, you need to indicate the following **mandatory information**:

- Specify the activity to be carried out, indicating the institution, nature of the labour relationship, function/role and number of weekly hours;
- Attach a document provided by the institution where you will carry out the activity, indicating the information mentioned in the previous bullet point. If it is impossible to obtain the abovementioned document, this may be substituted by an affidavit indicating the activity, labour relationship, function/role and number of weekly hours (max. PDF file size 4 MB).
- Fill in all the fields related to the professional activity before the association of your supervisor.

In this case, your supervisor must, in her/his personal area, indicate if the declared activity(ies) is/are feasible or not feasible together with the proposed work plan, and justify her/his answer. Whenever the applicant declares that he/she wishes to maintain a professional activity and changes this information, after the supervisor has answered to the feasibility question, a notification will be sent to the supervisor; however, it is not necessary for the supervisor to comment again if he/she intends to keep the information previously stated. This action is not required for co-supervisors.

The completion of this field, as well as the supervisor' opinion on the feasibility of the work plan, does not invalidate the need for information update and additional clarifications in the contracting stage, in case of granting the studentship.

3.6 Curriculum Vitae

The *curriculum vitae* to be associated with the application is the CV imported from the **CIÊNCIAVITAE** curricular management platform, which must be in Portuguese or English¹. Applicants are not allowed to use CVs from other platforms or in PDF format.

To use the **CIÊNCIAVITAE** *curriculum* applicants and supervisors need to:

- **Grant access to FCT;**
- **Verify all the levels of access in each field you wish to be available** for evaluation;

¹ We clarify that, even if the personal definitions in **CIÊNCIAVITAE** are in Portuguese, the CV imported for the application will have the headings in English, so only the contents of the CV fields depend on the language in which the candidate filled them out.

- Check all the levels of access of fields containing personal data that you wish to share.

When you create your *curriculum vitae* in the **CIÊNCIAVITAE** platform, please make sure that your access level is defined as “**Public**” or “**Semi-Public**”. Only then will your curricular data, namely education, affiliation, outputs, etc., become accessible to FCT. In case you select the “Private” mode, it will not be possible to access your data. In the scope of the application, it is **mandatory to grant access to FCT** in order to access your **CIÊNCIAVITAE** information.

The *curriculum vitae* will be available after clicking on “Obtain CV **CIÊNCIAVITAE**”. The link for the PDF version of your CV will then be available in the application platform, followed by the date and hour of association. Any change in the **CIÊNCIAVITAE** curriculum after the date and time of association will only be considered if you remove the CV (click on “**Remove**”) and make a **new association** by clicking on “Get CV from **CIÊNCIAVITAE**” again. It is suggested that you verify that the associated CV is the most up-to-date version.

Of note, you should consult which specific subset of the information recorded in your CV **CIÊNCIAVITAE** that FCT will access, for each field of the CV, in the Excel file provided in the [CIÊNCIAVITAE Guide to FCT calls on the MyFCT platform](#).

FCT also recommends that you verify that the information on your CV corresponds to what should be reviewed by the evaluation panel, ensuring that the information is as complete and up to date as possible. For example, the list of authors of publications or intellectual property registries must be complete and in the original order, which may include the respective access links, as well as it should indicate your role in congresses, projects, or other activities participation. When referencing scientific articles, the respective DOI must be included, whenever applicable, and in the case of a patent, the respective reference must be indicated. It is recommended to check all items included in the imported version of the **CIÊNCIAVITAE** CV, in particular the information that has been synchronized from other databases.

The same rules and recommendations are also applicable to the CVs of the members of the supervising team, and in this context, information on experience in supervising master's, doctoral and post-doctoral researchers, as well as the participation in projects and the role played in them, is equally relevant.

3.7 CV synopsis (maximum 500 words)

The **CV Synopsis** is a **mandatory field** in the application form. In this field, applicants must clearly and succinctly identify the most relevant elements of their academic and professional career, such as academic and complementary training, scientific publications, communications at conferences, participation and organization of events, awards, professional and civic activities, and other situations considered relevant for the CV assessment. This information will be analysed by the evaluators in an integrated manner with the **CIÊNCIAVITAE** CV, to better appreciate the applicant's academic, scientific, professional, and civic path. Please note that, filling in this field does not exclude the association of the CV **CIÊNCIAVITAE**.

3.8 Application Data

When preparing your application, we highly recommend you **prioritize the definition and selection of the objective(s) of the call and the scientific fields** in which your work plan will fit in.

3.8.1 Objectives of the call

The Call will support applications in any scientific field that contribute to the following objectives:

1. Epidemiology and risk factors for infection, and severe illness caused by the virus;
2. Human-animal interaction, mechanisms of resistance and inter-species transmission of the virus, and the risk of pandemics;
3. Prevention and preparedness strategies for new viral epidemics, including vaccines;
4. Innovative approaches, including new methods and new technologies, for viral disease diagnosis;
5. Characterization of the viral infection mechanisms;
6. Characterization of the host's immune, cellular and serological, response to infection by the virus, impact of age and comorbidities;
7. Development of new therapies and new therapeutic approaches, including life support and personal protection equipment to fight viral diseases;
8. Effects of viral infection on maternal and new-born health;
9. Psychological impact and behavioural changes associated with epidemics or pandemics of virological origin.

You should therefore mandatorily select 1 to 3 of the objectives of the call in the available drop list in the application form.

3.8.2 Scientific Field Selection

Select the **main scientific field**, the **secondary scientific field** and **subfield** that better matches the proposed work plan, according to the scientific fields shown in Annex I of this Guide. In case none of the listed subfields matches your work plan, you should select the option "... - Other", indicating the most suitable designation in the field that will be made available after selecting this option.

Filling in of these fields should be done sequentially – Main Scientific Field/Secondary Field/Subfield.

3.8.3 Designation of Doctoral Programme (maximum 60 words)

In this field you must indicate the name of the doctoral programme in which you are enrolled or in which you intend to enrol. In case of granting the studentship, the respective proof of enrolment must be submitted during the contracting process. It is suggested that you check the exact name of the doctoral program with the institution where you registered or will register; in this field, the presentation of the doctoral program is not requested, nor the justification of its choice, only its designation.

3.8.4 Country where the Studentship will be held

Specify where the studentship will be held – in Portugal, both in Portugal and abroad or abroad, depending on whether the work plan will be carried out entirely, partially or not at all in a national institution, respectively.

In case of studentship held **both in Portugal and abroad**, it is **mandatory** to identify: i) a foreign host institution, ii) associate at least one member of the supervising team affiliated to the foreign host institution indicated, beside the Portuguese institution and supervisor. The lack of indication of a foreign host institution and respective association of at least one supervisor in that institution implies the **conversion of the application to a PhD studentship in Portugal**, being evaluated accordingly.

3.8.5 Periods of Stay Abroad

In case of studentships held **both in Portugal and abroad**, the form will only be completed if you add at least one period of stay abroad (at the foreign institution); you should then indicate the starting date and the duration of the stay that, in total, cannot exceed 24 months (according to no. 8 of Article no. 6 of the RBI). You should therefore take this information into account when scheduling/programming your work plan.

3.8.6 Studentship Abroad

If you intend to carry out your work plan exclusively **abroad**, when selecting the respective option "Abroad", a specific justification field will appear, where you should clearly explain the reasons for your choice, namely the reason why no national institutions are included.

3.9 Motivation Letter (maximum 750 words)

The **motivation letter** is a **mandatory** and fundamental element of the application. It must be written in a specific field of the form; therefore, it is not an additional document to be submitted. In your letter, you must objectively explain the reasons that lead you to apply and consider that you have the adequate conditions to successfully carry out the proposed work plan. You must also mention the reasons for choosing the document or artistic achievement which you considered the most representative or explanatory of your scientific and/or professional career.

3.10 Recommendation Letters

The **recommendation letters are mandatory**. **Two distinct recommendation letters** are required, written in Portuguese or English, with clear identification of the respective issuer. These letters should be signed, include the academic and/or professional context relationship of the applicant with the referee, specify that they are related with this specific call and must not be mere supervising acceptance letters. There is no set format for the recommendation letters; the content is up to whoever writes the letters.

In addition to the abovementioned, these letters may include, for example, the reasons that make the issuer able to attest to the applicant's qualities, as well as her/his opinion regarding the scientific maturity and adequacy of the applicant's profile to perform the proposed work plan.

Letters of recommendation beyond the defined number (two) and/or written in a language other than those indicated will not be considered for evaluation purposes. If any of the submitted files contain a compilation of letters of recommendation, only the 1st letter presented in the respective file will be evaluated, ignoring the following ones.

The applicant may choose to submit either an “Open” or a “Closed” recommendation letter. In the first case, the letters should be uploaded in the respective field of the form by the applicant. In the latter case, the applicant should provide the name, affiliation institution and email of the referee to whom the letter will be requested, and the FCT’s information system will issue the referee. The message sent to the referee will contain all the necessary information for letter submission. When her/his recommendation letter is submitted, an “OK” message will be shown in the summary table of the section “Letters and Other Documents”; until this moment, the respective field (under the “Document” item) will be empty, preventing application submission.

3.11 Most Representative Document

Applicants must present a document that they consider to be the most representative of their scientific and professional career path, originally in Portuguese or English, as, for example, a scientific publication, conference communication, panel presentation, scientific report or master's thesis, proof of scientific, professional or civic accomplishment, performance or artistic creation. Within the artistic demonstrations scope, the submission of a portfolio will be accepted, only when properly structured. Qualifications certificates, *Curriculum vitae*, or a document with a summary of the candidate's path should not be submitted in this field, as these will not be considered for evaluation. If a compilation of various documents is submitted in this field (example: article, master's thesis, award, etc.), only the first element presented in the file will be evaluated, ignoring the following ones. It is allowed the submission of PDF, JPEG or PNG format files, up to a maximum size of 12 MB.

It should also be noted that you must clearly and objectively justify the choice of this document in the motivation letter field.

3.12 Work Plan

This section of the application form concerns the work plan. It shows the overall vision of the research proposal and provides access to each specific field within the work plan.

3.12.1 Work Plan Resume

In this field you should indicate:

- The **title** of the work plan; this should be concise, understandable for anyone with a general scientific background and adequate for public disclosure;
- The **abstract** of the work plan;
- Four to six **keywords** that best describe the work plan;
- The United Nations Sustainable Development Goals (SDG) – 2030 Agenda.

These fields are **mandatory**.

3.12.2 Abstract (maximum 150 words)

The abstract is a synthesis of the applicant's work plan; it should be clear and well structured, to demonstrate the applicant's ability to summarise and present the object of research, the aims of the project and the main expected contributions of the research work.

3.12.3 The United Nations Sustainable Development Goals (SDG) – 2030 Agenda

In the field United Nations Sustainable Development Goals (SDG) you should indicate one, or up to three, of the 17 United Nations SDGs (2030 Agenda).

In the "United Nations Sustainable Development Goals" field you should select one, or up to a maximum of three, of the 17 goals of the United Nations Sustainable Development Agenda, that fit in your work plan. In case any of the goals matches the proposed work plan, you should select the option "No alignment with any of the SDGs". The selected information will only be used for statistical purposes and will not be evaluated, so it is not necessary to justify your choice.

The information regarding the 17 United Nations Sustainable Development Goals is available on the MyFCT platform in the call area and can also be consulted at:

<https://sustainabledevelopment.un.org/post2015/transformingourworld>.

3.12.4 State of the Art (maximum 500 words)

The state of the art, or **literature review**, brings together, analyses, and discusses published work in the area of the work plan. Its purpose is to provide a theoretical grounding for the object of research, by referring to previous studies, which should be confronted and interrelated, especially if they are contradictory to each other; you should also point out the originality of your proposal.

3.12.5 Objectives (maximum 300 words)

The purpose of this field is to provide a description of the main research questions to be addressed and the goals to attain.

3.12.6 Detailed description (maximum 1000 words)

This field should contain the detailed work plan and a description of how the aims of the research project will be achieved, pointing out the relevance and originality of the underlining scientific questions and the respective contribution of the proposed plan in its scientific field, and **how the work plan is related to the selected objectives of the call**. The descriptions should provide all the necessary elements to allow assessment by the evaluation panel, namely the **methodological approach**, **description of tasks**, their **interrelation**, **sequence**, and **schedule**. Whenever applicable, it should also include a **contingency plan**, describing, in this case, how eventual unforeseen events might be resolved.

3.12.7 Timeline and Additional Attachments

So that the Evaluation Panel may analyse the feasibility of the proposed work plan, the applicant may include a legible chart with milestones for the different tasks and location of each task, when more than one host

institution is proposed. **The presentation of a timeline is mandatory.** To make a timeline you may use specific software tools or an Excel file that should then be converted into a PDF.

If you plan to develop part of your work in collaboration with additional institutions, besides your host institutions, you may submit a “**Letter of Support**”, attesting for the respective collaboration. Situations that may support the feasibility of the proposal, such as the approval of data collection, access to facilities or to equipment, amongst others, may be validated through letters of support. The letter of support should be issued and signed by the **responsible of the collaboration in the unit or institution where the work plan will be carried out.** The presentation of this document is optional but recommended, whenever applicable.

If considered necessary, you may also include **additional documents** containing **formulas, schematics, diagrams, charts or images** in this field. You may also submit in this section **documentary evidence of scientific productivity indicators** that you consider necessary/relevant to attest to the information contained in the CV (for example, evidence of articles accepted for publication, or in press, or of patent registration, etc.). In any case, these should only be documentary evidence of what has been described in the various fields of the application and should not be considered an extension of the form; **exhaustive descriptions of methodologies or reference to details of the plan that must be included in the “Detailed Description” field, for example, will not be considered for application’s evaluation.**

The maximum space reserved for the “Timeline and Additional Attachments” section is 10 MB (e.g., 5 documents of 2 MB each). The permitted file formats are JPEG, PNG and PDF.

3.12.8 Bibliographic references (maximum 30 references)

Use this field to specify bibliographic references, up to a maximum of 30, that support your work plan, detailing all the necessary elements that will enable the panel to identify them. You should format your bibliographic list in a consistent manner and according to a scientific approved referencing style as, for example, the APA (American Psychological Association) style. This field has a limited space of 8000 characters, indicated in the respective counter.

3.12.9 Ethical issues (maximum 500 words)

Whenever the theme, methodology or results of the work plan involve ethical issues, you should check “Yes” in the answer to the question “Does your work plan involve ethical issues?”. In this case, a specific field will appear on the form where you must clearly identify the ethical issues in your proposal, explaining how they will be addressed. To help identify these issues, the self-assessment guide for ethical issues (Ethics Guide, available in the [call’s website](#)) should be consulted. It will not be necessary to present, at this stage of the application, the respective approval issued by the ethics committee. However, if you already hold this document, and if you so wish, you can present it in the “Timeline and Additional Attachments” field, referred in point 3.12.7.

3.13 Hosting Conditions

This information is **mandatory**.

The hosting conditions concern:

- **Host institution:** institution(s) where you are going to develop your work plan;
- **Institution that grants the degree:** higher education institution(s) that will grant the PhD degree;
- **Supervisors:** responsible for monitoring and supervising the research work;
- **Adequacy of the supervising team:** explanation about the choice of host institutions and supervising team for the development of the work plan, including the means made available by the institutions and the scientific profile of the supervisors.

3.13.1 Host Institution

In this field, the applicant should indicate the host institution(s) involved in the application. The following fields should be filled in:

- **Country;**
- **Institution** (presents one or two levels according to the following example: 1) Universidade de Lisboa and 2) Universidade de Lisboa – Faculdade de Ciências, respectively);
- **Department** (Whenever applicable).

In the list of institutions are included the main national academic and scientific entities, including higher education institutions, R&D units, Associated Laboratories, State Laboratories, as well as Collaborative Laboratories, Technology and Innovation Centres, Technological Interface Centres. You should find your institution by indicating its partial or complete name. **The field “Department” should be indicated whenever applicable**, for each of the indicated institutions.

If you do not find your host institution in the available list, you should “Add institution” and add the respective information.

In case of applications held **both in Portugal and abroad**, in addition to the Portuguese host institution, it is **mandatory** to indicate the foreigner institution where the research work will be developed.

The number of supervisors associated to the application defines the limit of host institutions. **The limit is defined by: N supervisors + 1**. Therefore, **at most, 4 host institutions may be indicated**, in cases where 1 supervisor and 2 co-supervisors are proposed.

3.13.2 Doctoral Granting Institution

In this area the applicant should indicate the institution(s) granting the PhD degree, after selecting the country where the degree will be granted. If you select Portugal, the available list will present all the national institutions granting this degree, in one or two levels as exemplified in the previous point; when you select other country, you should use the option “Add institution” to indicate the respective institution.

You may specify up to 4 doctoral granting institutions. This is in cases of double degree or inter-university doctoral programmes, respectively.

3.13.3 Supervisors (maximum 3)

The purpose of this field is to identify the supervisor and co-supervisor(s) who will take on the responsibility for monitoring and supervising the applicant's research project.

Each application can have a **maximum of three associated supervisors, with one being the main supervisor (mandatory) and the other two co-supervisors (optional)**. Excluding exceptional circumstances, duly explained, the supervisor and co-supervisors must be associated at least to one of the host institutions to guarantee a continuous and fruitful work with the grantee. The evaluation panel will decide if other situations are suitable or not; the general guidance given by FCT is that this should be reflected in the analysis of the feasibility conditions of the work programme.

Any fully active researcher holding a PhD may be a supervisor or co-supervisor. Not all the supervising team members need to be PhDs, but at least one of its members must hold a PhD degree.

At this stage of the application process, the supervisor's letter of support and the host and doctoral granting institutions' acceptance statements do not have to be submitted. These documents will only be necessary upon studentship granting.

To associate your **supervisor** and **co-supervisors**, you should select the **role** of each one (supervisor or co-supervisor) and the respective **e-mail** (it does not have to be the registration email in the **CIÊNCIA** ID platform) and select the option "**Send request**". A message will be sent indicating the applicant's name, application reference and link to the supervisor area where he/she should answer yes/no to the association request.

If you want to **change the role of a supervisor, you will have to remove the associated supervisor and send a new invitation request** with the intended supervising role indication.

Each supervisor should access the respective personal area – "Supervisor Area" – and perform the following actions:

1. Register in the **CIÊNCIA** ID information system, if they have not already done so;
2. Access to MyFCT portal using the respective credentials;
3. Indicate the ORCID identifier in MyFCT profile, if you wish to do so. **This information is optional**;
4. **Indicate all of her/his current affiliation institutions**, including higher education institution and R&D unit, if applicable, or, for example, R&D unit and company, CoLab, State Laboratory, etc.;
5. Present a **curriculum vitae**, written in **Portuguese** or in **English**, in one of the following options (curricula submitted in any other way or written in other language will not be considered):
 - Filling in and updating your curricular data in the **CIÊNCIAVITAE platform**;
 - Submitting your **curriculum vitae** in a **PDF file**;
6. Comment on the feasibility of the work plan ("Feasible" or "Not feasible") when the applicant declares that he/she wishes to maintain a professional activity; this action is only applicable to supervisors and not to co-supervisors;
7. Confirm her/his association to the application.

The supervisor will not have to fill in any specific form, he/she must provide only his *curriculum vitae*, indicate her/his current affiliation and collaboration institutions, such as, for example, higher education institution and research unit(s), pronouncing also on the professional situation, if it is declared by the candidate, and confirm the association with the candidate's application.

Any change to the CV on the **CIÊNCIAVITAE** platform, after it has been obtained in the application form, even during the period in which the call is open, will not be reflected in the CV which will be available for evaluation. If you want to include **new information** to be **reflected in the application**, you must delete it by clicking "Remove" and clicking "**Get CV from CIÊNCIAVITAE**" again to submit an **updated version** of your CV.

In case of supervisors with more than one student, the **CIÊNCIAVITAE** CV associated with the respective applications will correspond, **in all cases**, to its **latest version of the CV association**, as long as during the indicated period for the application submission.

The supervisor has the list of supervisions (lateral left menu), *i.e.*, the list of applicants who have associated her/him as a supervisor or co-supervisor in this Call. In the summary view of supervisions, the supervisor can verify the application status (draft or submitted) and access to the global view of applications, by clicking on the respective references.

3.13.3.1 Supervisor (mandatory)

You must associate one supervisor to your application. If you have additional supervisors, you can associate them as co-supervisors (**maximum two**).

Only the supervisor will have to comment on the feasibility of the work plan, if the candidate declares that he/she intends to maintain a professional activity during the PhD studentship period. In case the applicant changes her/his answer in the field of professional activity, namely, by submitting a new professional activity, after the supervisor's answer, he/she will receive a new notification, but it will not be necessary to comment on the declared situation again in case the supervisor intends to maintain the previous answer.

3.13.3.2 Co-supervisor (maximum 2, optional)

In case you associate one or two co-supervisors, the information aforementioned (point 3.10.3) is **mandatory**.

For application assessment, it is mandatory that the co-supervisors are associated to the application.

The application form can only be submitted after the confirmation of association to your application, performed by supervisor and co-supervisors, when applicable.

3.13.4 Adequacy of Hosting Conditions (maximum 500 words)

In this field, you should describe both the adequacy of the **supervising team** (including supervisor and co-supervisors, if applicable) that are **associated** to your application and the means available at the host institution(s) for the full implementation of the work plan. **Generalist descriptions about the host institution(s) should be avoided**; instead, it should be emphasized the resources available at the institution and necessary for the

development of the work plan, as well as explained how each of the supervisors will contribute to the supervision of activities and demonstrate how their skills are necessary and complementary. **This description is decisive within the scope of the evaluation of criterion C**, Merit of Hosting Conditions.

4. APPLICATION SUBMISSION

Before submitting your application, FCT suggests reading carefully and verifying all the elements of the application, namely by analysing its overview, rectifying any inaccuracies detected, verifying the lack of lapses, spelling errors and uniform use of the selected language (Portuguese or English), as well as the compliance of the submitted files. You must also confirm the association of the supervisor(s) and the content of the respective CV, namely if written in Portuguese or English.

After completing and revising the application, you must click on **“Validate and Submit”**. At this point, all mandatory fields will be validated. For optional sections, whenever you start filling in the respective fields, the system will validate the obligation to fill in all the fields that comprise that section.

If there are errors in the application, the list of issues is provided, with an indication of the section and field in which they occur, and a brief indication of the problem leading to the error. The applicant must proceed accordingly to correct the identified errors. The existence of errors prevents the application submission.

The process of submitting the application form depends, among other factors, on the **confirmation of the association of all supervisors indicated by the applicant**. These procedures must be carried out by the applicant and supervisors as soon as the form is completed.

The submission of the application also depends on the confirmation of the following declarations:

- i) I hereby declare that I have read and understood the content of all the documents regulating the call.
- ii) I hereby declare that the information contained in the application form and attached documents is true, and I am aware that providing false declarations or committing acts of plagiarism determines the exclusion from the call.

The application can only be submitted after the form is fully validated, *i.e.*, when there is no longer any error or lack of information in the form.

In addition to the messages of incorrect or incomplete information in the mandatory fields, warning messages for situations will also be displayed in this area, such as the date and time of the CV's association or the option of not submitting any degree certificates.

After the application **submission**, the candidate will be able to:

- **Change the application content, which returns to the draft state**, and is no longer considered as being submitted to the Call. The applicant must therefore **submit the application again**, within the deadline indicated for the submission of applications (**September 29th 2022, until 5:00 pm, Lisbon time**); when the application submission period is over, applicants can only consult the application.

- **Overview the application**, viewing its global content. You can also make a PDF file of the submitted version, available in the upper right corner of the overview screen.

Please note that providing **false declarations** or committing acts of plagiarism in the application form, will determine the **exclusion from the Call**, regardless of the phase of the Call in which they are detected.

Annex I

Scientific fields, adapted from the FOS Classification of the Frascati Manual

(Mentioned in point 3.8.2 of this Application Guide)

Maria de Sousa PhD Studentships Call – 2022

SEAGULL – Seeking Epidemiological and Virological Answers

Main Scientific Field	Secondary Scientific Field	Subfield
1a Exact Sciences	1.1 Mathematics	Pure Mathematics
		Applied Mathematics
		Statistics and Probability
		Mathematics – Other
	1.2 Computer and Information Sciences	Computation Sciences
		Information Sciences
		Bioinformatics
		Computer Sciences and Informatics – Other
	1.3 Physical Sciences	Atomic Physics
		Molecular Physics
		Chemical Physics
		Condensed Matter Physics
		Particle Physics
		Nuclear Physics
		Fluids and Plasma Physics
		Medical and Biological Physics
		Optics
		Acoustics
		Astronomy
		Gravitation and Cosmology
	Physical Sciences - Other	
	1.4 Chemical Sciences	Organic Chemistry
		Inorganic Chemistry
		Nuclear Chemistry
		Physical Chemistry
		Polymer Science
		Electrochemistry
		Colloid Chemistry
Analytical Chemistry		
Medicinal Chemistry		
Chemistry – Other		

Main Scientific Field	Secondary Scientific Field	Subfield
1b Natural Sciences	1.5 Earth and related Environmental Sciences	Geosciences and Multidisciplinary Studies
		Mineralogy
		Palaeontology
		Geochemistry
		Geophysics
		Physical Geography
		Geology
		Volcanology
		Meteorology
		Atmospheric Sciences
		Climate Research
		Oceanography
		Hydrology
		Water Resources
		Earth Sciences - Other
		Natural Resources and Sustainability
		Monitoring and Environmental Impact
		Environmental Management
		Ecotoxicology
		Waste Management and Recovery
	Climate Change	
	Atmosphere and Pollution	
	Water and Pollution	
	Environmental Sciences – Other	
	1.6 Biological Sciences	Cell Biology
		Microbiology
		Virology
		Biochemistry
		Molecular Biology
		Biochemical Research Methods
		Biophysics
		Genetics and Heredity
		Reproductive Biology
		Developmental Biology
		Experimental Biology and Biochemistry - Other
		Botany
		Zoology
		Mammalogy
		Herpetology
		Ichthyology
		Ornithology
		Entomology
Mycology		
Behavioural Biology		
Marine Biology		
Aquaculture		
Freshwater Biology		
Limnology		
Ecology		
Biodiversity Conservation		
Evolutionary Biology		
Organism Biology		
Biological Sciences – Other		

Main Scientific Field	Secondary Scientific Field	Subfield	
2 Engineering and Technology	2.1 Civil Engineering	Civil Engineering	
		Architecture Engineering	
		Construction Engineering	
		Municipal Engineering	
		Structural Engineering	
		Transport Engineering	
		Civil Engineering – Other	
	2.2 Electrical, Electronic and Information Engineering	Electrical and Electronic Engineering	
		Robotics	
		Automation and Control Systems	
		Communication Engineering and Systems	
		Telecommunications	
		Computer Hardware and Architecture	
		Electrical and Electronic Engineering – Other	
		Informatics	
		Mechanical Engineering and Engineering Systems	
		Applied Mechanics	
	2.3 Mechanical Engineering	Thermodynamics	
		Aerospace Engineering	
		Nuclear Engineering	
		Manufacturing Processes	
		Audio Engineering and Reliability Analysis	
		Mechanical Engineering – Other	
		2.4 Chemical Engineering	Chemical Engineering
			Chemical Process Engineering
	Chemical Engineering – Other		
	2.5 Materials Engineering	Materials Engineering	
		Ceramics	
		Coating and Films	
		Composites	
		Paper and Wood	
		Textiles	
		Nanomaterials	
	Materials Engineering – Other		
	2.6 Medical Engineering	Medical Engineering and Biomedical Engineering	
		Laboratory Technology	
		Medical Engineering – Other	
2.7 Environmental Engineering	Environmental Engineering		
	Geological Engineering		
	Geotechnics		
	Petroleum engineering, Energy and Fuels		
	Remote Sensing		
	Mining and Mineral Processing		
	Marine Engineering		
	Sea Vessels		
	Ocean Engineering		
Environmental Engineering – Other			

Main Scientific Field	Secondary Scientific Field	Subfield
2 Sciences of Engineering and Technology	2.8 Environmental Biotechnology	Bioremediation
		Diagnostic Biotechnologies in Environmental Management;
		Environmental Biotechnology Related Ethics
		Environmental Biotechnology – Other
	2.9 Industrial Biotechnology	Industrial Biotechnology
		Bioprocessing Technologies
		Biocatalysis
		Fermentation
		Bioproducts
		Biomaterials
		Bioplastics
		Biofuels
		New Bio-Derived Materials
		Bio-Derived Chemicals
		Industrial Biotechnology - Other
	2.10 Nanotechnology	Nanodevices
		Nanoprocesses
		Nanotechnologies – Other
	2.11 Food Engineering and Technology	Food Engineering and Technology
Food Engineering and Technology - Other		

Main Scientific Field	Secondary Scientific Field	Subfield
3 Medical and Health Sciences	3.1 Basic Medicine	Biomedicine
		Anatomy and Histology
		Human Genetics
		Immunology
		Neurosciences
		Pharmacology
		Biopharmaceuticals
		Toxicology
		Physiology
		Pathology
	Biomedicine – Other	
	3.2 Clinical Medicine	Andrology
		Obstetrics and Gynaecology
		Paediatrics
		Cardiac and Cardiovascular System
		Haematology
		Respiratory System
		Critical Care Medicine and Emergency Medicine
		Anaesthesiology
		Orthopaedics
		Surgery
		Radiology, Nuclear Medicine and Medical Imaging
		Transplants
		Stomatology
		Oral Surgery and Medicine
		Dermatology
		Infectious Diseases
		Allergology
		Rheumatology
		Endocrinology and Metabolism
		Gastroenterology and Hepatology
		Urology and Nephrology
		Oncology
Ophthalmology		
Otorhinolaryngology		
Psychiatry		
Clinical Neurology		
Geriatrics and Gerontology		
General and Family Medicine		
Internal Medicine		
Integrative and Complementary Medicine		
Clinical Medicine – Other		

Main Scientific Field	Secondary Scientific Field	Subfield
3 Medical and Health Sciences	3.3 Health Sciences	Health Care and Services
		Health Services and Policies
		Nursing
		Nutrition, Dietetics
		Public Health and Environmental Health
		Tropical Medicine
		Parasitology
		Epidemiology
		Occupational Medicine
		Occupational Health
		Sports and Fitness Sciences
		Social Biomedical Sciences
		Bioethics and History and Philosophy of Medicine
		Addiction
	Health Sciences - Other	
	3.4 Medical Biotechnology	Health-related Biotechnology
		Technologies involving the manipulation of Cells, Tissues, Organs or the whole Body
		Gene-based Diagnose and Therapies
		Medical Biotechnology Related Ethics
		Medical Biotechnology – Other
	3.5 Forensic Sciences	Forensic Chemistry and Biochemistry
		Forensic Sciences – Other

Main Scientific Field	Secondary Scientific Field	Subfield
4 Agricultural Sciences	4.1 Agriculture, Forestry and Fisheries	Agriculture
		Forestry
		Fishery
		Soil science
		Horticulture
		Viticulture
		Agronomy
		Plant Production
		Plant Protection
		Agriculture, Forestry and Fisheries – Other
	4.2 Animal and Dairy Science	Animal and Dairy Science
		Livestock Breeding
		Pets
	Animal and Dairy Science – Other	
	4.3 Veterinary Sciences	Veterinary Science
		Veterinary Science – Other
	4.4 Agricultural and Food Biotechnology	Agricultural and Food Biotechnology
		Food Security
		Agricultural Biotechnology Related Ethics
		Cloning of Domestic Animals
		Biomass Production Technologies
	Agricultural and Food Biotechnology – Other	

Main Scientific Field	Secondary Scientific Field	Subfield
5 Social Sciences	5.1 Psychology	Criminal Psychology
		Social and Organizational Psychology
		Cognitive Psychology and Neuropsychology
		Clinical Psychology
		Psychology of Development and Learning
		Educational Psychology
		Community and Health Psychology
		Psychology – Other
	5.2 Economics and Management	Economics
		Management
		Economics and Management – Other
	5.3 Educational Sciences	General Education
		Educational Sciences
	5.4 Sociology	Sociology
		Sociologic Criminology
		Social Service
		Sociology – Other
		Anthropology
	Anthropology – Other	
	5.5 Law	Public Law
		Criminal Law
		Private Law
		European and International Law
		Human Rights
		Law, Social Sciences and Humanities
		Law – Other
	5.6 Political Sciences	Political Science
		Military Science
		Compared Politics
		Political Theory
		International Relations
		Public Policy
		European Studies
		Political Sciences – Other
	5.7 Social and Economic Geography	Economic and Social Geography
		Geographic Urbanism
		Social and Economic Geography – Other
	5.8 Media and Communications	Documental and Information Sciences
		Journalism and Media
		Communication and Science Management
		Media and Communications – Other

Main Scientific Field	Secondary Scientific Field	Subfield
6 Humanities	6.1 History and Archaeology	Prehistory and Archaeology
		Ancient History
		Medieval History
		Modern History
		Contemporary History
		History of Science and Technology
		History and Archaeology – Other
	6.2 Languages and Literature	Literature
		Portuguese Studies
		Romanic Studies
		Anglophone Studies
		Classical Studies
		Asian and African Studies
		Germanic Studies
		Literature Studies and Culture Studies – Other
		Linguistics
	Linguistics – Other	
	6.3 Philosophy, Ethics and Religion	Philosophical Anthropology
		Epistemology
		Philosophy of Science
		Aesthetics and Philosophy of Art
		Metaphysics and Ontology
		Philosophy of Religion
		Logic
		History of Philosophy
		Ethics and Political Philosophy
		Theology
		Philosophy – Other
	6.4 Arts	Fine Arts
		Music
		Visual Performing Arts – Cinema
		Visual Performing Arts – Drama
		Visual Performing Arts – Dance
		Digital Arts
		Arts – Other
		History of Art
		Conservation and Restoration
		Museology
		Museology and History of Art – Other
		Architecture
Urbanism and Spatial Planning		
Design		
Design, Architecture and Urbanism – Other		