

Guide for Applicants

Year 2018

FOREWORD

THE FUND FOR SCIENTIFIC RESEARCH – FNRS¹

The mission of the FNRS aims at promoting free (fundamental) scientific research within the French-speaking Community of Belgium (CFB)² through its grant allocation process for researchers and institutions (mostly CFB universities).

In order to fulfil such a mission, the FNRS has set up funding instruments, which are subject to calls for proposals occurring at different times of the year. The granting depends on a peer review of the quality of the proposal and is based on scientific excellence.

THE CALLS FOR PROPOSALS OF THE FNRS AND THE MATERIAL

The material related to the calls for proposals includes:

- the regulations, which include the conditions for the calls and the functioning modalities in case of granting;
- the guide for applicants, which describes the general principles of the calls and the functioning of each instrument;
- the guide for reviewers, which specifies the rules that shall apply for the evaluation of the proposals and the characteristics of each instrument to experts who take part in the two ex-ante evaluation steps;
- the evaluation guide, which presents the rules for the evaluation, selection and granting procedures.

The regulations adopted by the Board of Trustees of the FNRS constitute the reference framework for the calls. Thus, they are the only documents that bind the FNRS.

All the calls for proposals are announced on the FNRS website, where the related documents can also be found.

OBJECT OF THE GUIDE FOR APPLICANTS

The guide for applicants provides the general goals of the calls for proposals and gives the information required from applicants for each instrument and the way each section of the proposal will be used within the evaluation procedure.

The guide for applicants is divided into 3 main parts:

- The first part specifies the general conditions applicable to any instrument.
- The second part presents each instrument with its specific conditions.
- The third part includes the appendices and contains the reference material.

In order to understand the FNRS evaluation procedure in detail, starting from the experts' selection process to the decision of granting, applicants can consult the evaluation guide, which is also available on the website.

ALL THE DOCUMENT, GUIDES AND REGULATIONS ARE AVAILABLE ON
<http://www.fnrs.be/index.php/appels-reglements>

¹ In order for the document to be easier to read, the Fund for Scientific Research - FNRS (F.R.S.-FNRS) is afterwards shortened to FNRS.

² In order for the document to be easier to read, the French-speaking Community of Belgium is afterwards shortened to CFB.

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1. CALLS FOR PROPOSALS OF THE FNRS

1.1 THE FNRS & ITS FINANCIAL ALLOCATIONS

1.1.1 THE FNRS INSTRUMENTS AND THE BOTTOM-UP APPROACH

The FNRS funding instruments are divided into 4 types:

- the “researcher” instruments that fund researchers at four different levels of expertise;
- the “project” instruments that fund individual or collaborative research based on the researchers’ initiative;
- the “capacity” instruments that focus particularly on research infrastructures;
- the “life of research” instruments, intended for scientific dissemination and for researchers’ punctual needs such as mobility, congresses, etc.

These instruments are developed according to a bottom-up approach: researchers are free to suggest the research theme to develop, within the research institution that agrees to host them. This type of research is funded by the FNRS, and specifically by the FRFC in the case of a collaborative research for instance.

In some cases, however, such free choice and decision can be made with regard to a great theme – the so-called “strategic research”– considered as being important for the society, and for which the FNRS receives a budget.

This complementary approach was introduced in the early history of the FNRS, upon request of the State, thus giving birth to strategic funds associated to the FNRS and dedicated to the funding of collaborative projects in nuclear (IISN) or medical (FRSM) sciences and to the funding of Ph.D. students in industrial or agricultural sciences (FRIA).

1.1.2 CALLS FOR PROPOSALS

The three major FNRS calls occurring over the year include 3 major types of instruments:

- the “Grants and Fellowships” call (open in December): instruments that fund researchers at four different levels of expertise;
- the “Credits and Projects” call (open in spring): instruments that fund individual or collaborative research based on the researchers’ initiative;
- The “Large Equipments” call: instruments that focus on research infrastructures and the like.

The FNRS assesses the proposals in order to identify those whose quality is high enough to benefit from a possible financial allotment.

1.1.3 PERSONAL DATA PROCESSING

Any information that the applicant provides to the FNRS through SEMAPHORE, the online submission platform available at the following address <https://applications.frs-fnrs.be>, is likely to be stored in one or several files. The FNRS will be in charge of those files.

The data will solely be used to manage and optimise the relation between the FNRS and the applicant, and to fulfil the resulting legal obligations. The FNRS can also use those data (encrypted in this case) for statistical analyses, with the aim of improving its funding instruments.

After identifying her/himself, anyone who provided the FNRS with such data can request to see their personal data as recorded by the FNRS. If the data are false, incomplete or not (no longer) relevant, one may require her/his data to be corrected or deleted. Anyone who wishes to exercise this right shall send a written request to the General Secretary of the FNRS.

A public register of automated personal data processing is stored at the Commission for privacy protection. Anyone who seeks complementary information about the way the FNRS processes data can subsequently consult this register.

1.2 SUBMISSION OF A PROPOSAL

The elements (submission tools, material, news related to a call, etc.) necessary in order to submit a proposal in response to a call can be found on <http://www.fnr.be/index.php/appels-reglements>.

Applications can be submitted either in French or in English and online only through SEMAPHORE, the management platform dedicated to calls for proposals at the following address <https://applications.frs-fnr.be/>.

Moreover, applicants may withdraw their proposal at any time. No amendment or correction to the proposal will be accepted after the validation deadline set for the applicant.

In case of publication accepted after the validation deadline set for the applicant, applicants applying under Grants and Fellowships Call may add them to their application file by 1st May via a dedicated page at <https://e-space.frs-fnr.be>, as a follow-up of their application file.

1.2.1 ONLINE SUBMISSION: SEMAPHORE, THE WEB-BASED APPLICATION

In order to use remote reviewers (particularly outside Belgium), the FNRS chose to encourage submissions using SEMAPHORE, the web-based application, available for each person involved in a proposal: applicant(s), validating person(s), referees, reviewers and the FNRS administrative staff.

Data collection into a dedicated database also enables the achievement of global statistical analyses on closed calls, and consequently, the assessment of funding instruments in order to improve them and meet the needs of the society in terms of accountability (annual statistics, parliamentary questions, etc.).

1.3 THE CONTENT OF A PROPOSAL

The proposal can be written either in French or in English. The chosen language will be taken into account for the selection of the experts who will assess the proposal remotely. However, the title and the summary of the scientific part must always be written in both languages.

It is recommended to applicants who wish to have their application file assessed by Scientific Commissions dedicated to SEN (Exact and Natural Sciences) and SVS (Health and Life Sciences) domains to submit their application in English³.

The F.R.S.-FNRS insists on **strict compliance of the number of pages allowed** for documents that shall be enclosed with the application form and stresses again the sovereign consideration of the Scientific Commissions in case the file would exceed the applicable page limit.

1.3.1 GENERAL STRUCTURE

Whatever the instrument, the proposal always consists of three major sections:

- the administrative section, which enables to verify the eligibility and to collect data about the applicant(s);
- the scientific section, which embodies the proposal itself and whose content depends on the instrument;
- any administrative appendices, necessary for the file processing but not for the evaluation.

The details about the content to provide in the administrative section and appendices are to be found on SEMAPHORE.

Unless there is a noteworthy element in the administrative parts, the present guide will only describe the content of the scientific section for each instrument.

The scientific section includes the title, the summary, the descriptors of the research area (descriptor fields and unrestricted keywords), the description of the project (variable content depending on the instrument), and any possible appendices.

1.3.2 ETHICAL ASPECTS

Many projects require prior consideration of ethical problems that might arise or that are inherent to the submitted research project. The ethical aspects of a proposal must be described in the scientific section by the applicant in the application form. The way the ethical problems related to the project are handled will be considered in the frame of the scientific evaluation of the proposal.

The possible ethical problems related to research may relate to the use and storage of private data, the handling of substances that may cause environmental or biodiversity damage and the research on animals or human beings, for instance (non-exhaustive list). In case of granting, applicants concerned by ethical questions will be required to submit their questionnaire accompanied by the opinion of the Ethics Committee to the FNRS. Funding will be subject to a favorable opinion of the Committee (decision of the Board of Trustees of the F.R.S.-FNRS on 4 October 2017). In all cases and regardless of their scientific

³ Should the application file be submitted in French, the F.R.S.-FNRS may require the applicant to provide a translation in English for the purpose of conducting the [ex-ante evaluation](#).

field, researchers are expected to observe the Ethics Code for Scientific Research in Belgium, which is supported by the Science Policy PPS, which is a joint initiative of the Académie Royale des Sciences, des Lettres et des Beaux Arts de Belgique, the Académie Royale de Médecine de Belgique, the Koninklijke Vlaamse Academie van België voor Wetenschappen en Kunsten and the Koninklijke Academie voor Geneeskunde van België. [The Code was published in autumn 2009.](#)

1.3.3 LIST OF PUBLICATIONS⁴

The list of publications and possible patents represents the scientific work of the applicant(s), and thus is an important part of the entire proposal, which will be taken into account during the evaluation procedure.

Unless explicitly mentioned in the specific conditions of a given instrument, only published or accepted publications will be considered⁵.

The list of publications is structured as follows and in descending chronological order:

1. published works, as an author, a co-author or a publisher (every co-author takes part in the whole work);
2. book chapters or participation to a collective book, as an author or a co-author of the section;
3. articles published in peer-review journals or equivalent category (to be justified) in the relevant field;
4. articles published in conference proceedings;
5. oral presentations during conferences, which include a review committee. Posters are allowed for a doctoral fellowship (Research Fellow, Special Doctoral Grant, Medical Doctor Applicant to a MSc and a Ph.D., Clinical Master Specialist Applicant to a Ph.D., and Veterinary MD. Ph.D. Student) or for a Postdoctoral Researcher fellowship;
6. patents.

For each category, the bibliographical information will appear according to the CFB's institutional repositories order. If the list is created manually, it must keep the following order:

- works: author(s), title of the work, edition, city, year, ISBN number, number of pages;
- book chapters: author(s), title of the chapter, title of the work, publisher(s), edition, city, year, ISBN number, pages;
- articles: author(s), title of the article, title of the journal or proceedings, year, volume, number (if applicable), pages;
- oral presentations and posters: author(s), title of the paper, conference, year, city, country;
- patents: inventor(s), title of the invention, publication number, year when the patent was registered, term of the patent, countries covered.

⁴ Applicants holding the academic degree of Doctor who have been working for 2 years at least in institutions of the French-speaking community of Belgium that have set up an **institutional repository (IR)** must absolutely submit their publications list in a PDF format, directly created from this repository, and choose the appropriate F.R.S.-FNRS format.

In case of **publication accepted** after the validation deadline set for the applicant, applicants applying under Grants and Fellowships Call may add them to their application file by 1st May via a dedicated page at <https://e-space.frs-fnrs.be>, as a follow-up of their application file.

⁵ The submitted publications shall not be included in the publications list.

In an article or book chapter, the pages are indicated in the form of “starting page – ending page”. If the journal does not use volumes or publication numbers, this information shall be replaced by the publication date.

Whatever the proposal, there is no need for the publications lists to be exhaustive. The applicants are free to choose the publications they believe they could serve their proposal at best (within the framework described above).

Any relevant element which is not included in those lists may be mentioned in the comment area provided for such purpose.

Applicants shall provide their bibliometric data (total number of publications, total number of citations, H-index and the average number of citations) as well as the source of these bibliometric indicators. The Scientific Commissions will not base their opinion solely on those pieces of information, but will use them among other elements. Applicants shall also indicate in their proposal if such information is irrelevant or does not exist in certain scientific fields.

1.3.4 SUMMARY SHEET OF THE PROPOSAL

Any proposal contains a summary that includes the identifiers of the proposal as well as a short description of the scientific project. Unlike other personal or administrative information and description of the project, the elements included in the summary sheet are not confidential.

The basic administrative identifiers of the proposal are the following:

- the unique number of the proposal, attributed either by SEMAPHORE or the administrative staff of the FNRS;
- the name(s) of the applicant(s) and of the possible promoter ("researcher" instruments).

The scientific proposal is summarised in 3 elements:

- the title of the proposal, in French and in English, (of a maximum of 200 characters each);
- the summary linked to the proposal, in French and in English, (of a maximum of 2000 characters each);
- the descriptors linked to the proposal (see [Appendix](#)).

Aims of the summary sheet and the descriptors:

The summary sheet of the proposal is used within three contexts:

- evaluation: on the basis of this sheet, a step 1-expert may assess whether s/he is in a position to evaluate the proposal;
- statistics: the data are recorded in a database, for instrument and programme analysis purposes;
- accountability: funded proposals are released and made public through the FNRS website.

The title and summary of the research project must be not only understandable to non-experts, but also precise and explicit enough so that step 1 possible reviewers who receive a summary sheet from the FNRS are able to assess whether they are competent to evaluate the project.

As for the descriptors linked to the proposal, they play two roles. The first one is occasional and the other one has a long-term purpose:

- within the framework of the evaluation, they allow a first aggregation of proposals. Each aggregate is related to a group of experts, among which an initial selection of possible experts will be made for the evaluation of a proposal linked to the very same aggregate;
- on the long term, these descriptor aggregates and the descriptors themselves enable the FNRS to carry out statistical researches on sets of calls and to monitor developments in terms of needs or research themes within the CFB, so as to better anticipate researchers' needs and to offer adjustments for funding mechanisms, if necessary.

These descriptors, which are the backbone of the FNRS scientific information system, will also be used to structure the information about the proposals funded by the FNRS, when the access will be posted on the website in the form of a searchable database, instead of annually updated lists. They will also be used within the framework of reports to the Government on research expenses in given fields.

Descriptors related to the proposal and selected by the applicant:

It is mandatory to choose 2 descriptors (at least 1 descriptor field must be relevant to the Scientific Commission selected by the applicant) when submitting the proposal on SEMAPHORE (cf. Chapter 1.4).

The suggested descriptors which are used to define a proposal (see Appendix 2) are the panels and descriptor fields used by the ERC's (European Research Council), and to which some particular FNRS keywords have been added in order to describe the specificities of research in human and social sciences carried out within the CFB more precisely.

The choice of experts in step 1 is based on the entire project and not solely on the descriptors. However, the selected descriptors enable applicants to highlight the aspects of their project they wish will be particularly taken into account. These aspects can further be completed with unrestricted keywords.

The descriptors used by the FNRS seek to describe the fields of the investigated knowledge and not the activities of the academic departments, which fall within the competence of the universities and their establishment strategy.

When selecting descriptors, particularly for ERC descriptor fields, applicants must select those which best define the research project, regardless of the academic structure to which they are attached (institution, name of the research center or the department, etc.). Therefore, a researcher attached to a given research department has indeed – depending on the content of the project, her/his possible collaborations outside the department and her/his strategy – a large choice of “research” descriptors, which best define the project and the reviewers wished in step 1.

For instance, a researcher from a mathematics department, who submits a project on a modelling applied to the economy, may choose SH1_3 or PE1_17 and SH1_7, or even only descriptors in human and social sciences, depending on the type of experts s/he considers as relevant for the project.

1.4 EX-ANTE EVALUATION PROCESS

Common principles to the functioning of the FNRS calls for proposals evaluation are the following:

- for each new funding, the proposals undergo a two-step evaluation procedure (except for some instruments⁶);
- the extensive resort to reviewers who do not belong to the CFB;
- evaluation criteria known to the applicants during the preparation step of their proposal
- a final evaluation report sent to the applicants and to their possible promoter, containing the notification of the Board of Trustees' decision;
- the publication of the names of the members of the Scientific Commissions.

The detailed description of the whole FNRS evaluation procedure is the subject of the guide of the evaluation procedures, which is a specific document that can be consulted by any applicant. Therefore, this chapter includes exclusively elements that are essential to the applicants when preparing their proposal.

The preparation of the proposal by the applicant:

The applicant makes a certain number of choices that do have an impact on the evaluation procedure of the project:

- by choosing the language of the proposal (French or English), the applicant targets the choice of individual reviewers towards those who can read this language;
- through the descriptors and the summary of the project, the applicant guides the FNRS in the selection of individual reviewers;
- if necessary, the applicant indicates up to 3 experts s/he does not wish to have as reviewers and justifies her/himself;
- the applicant chooses the Scientific Commission that will be in charge of finalising the evaluation of the proposal.

Scientific Commission and descriptor fields selected by the applicant:

First, applicants choose the Scientific Commission. It is recommended to applicants who wish to have their application file assessed by Scientific Commissions dedicated to SEN (Exact and Natural Sciences) and SVS (Health and Life Sciences) domains to submit their application in English⁷.

⁶ For instruments whose purpose is the training of young researchers who seek to obtain a doctoral thesis, the use of individual reviewers (step 1) does not apply. Indeed, for these instruments, the proposal is assigned to two "rapporteurs", both members of the Scientific Commission chosen by the applicant.

Moreover, for instruments which are not related to calls for proposals or in case of a request for the renewal of a proposal that has already been reviewed in a previous meeting, the Board of Trustees of the FNRS bases the funding decision on opinions, which recommend or not the continuation of the funding for a new period. Depending on the instruments, the said opinions can come from academic authorities, a dedicated Commission, etc.

⁷ Should the application file be submitted in French, the F.R.S.-FNRS may require the applicant to provide a translation in English for the purpose of conducting the [ex-ante evaluation](#).

Then, applicants select from 2 to 6 descriptor fields in order of relevance (at least 2 descriptor fields⁸ must be relevant to the Scientific Commission of their choice) and, they may complete their choice with unrestricted keywords, if necessary.

For the choice of a Scientific Commission, applicants should consider the various Scientific Commissions as a whole and to make a choice, taking into account all the fields covered by the desired Scientific Commission.

Receiving the proposals by the FNRS:

The administrative staff of the FNRS ensures compliance with the closing date and hour indicated in the call and verifies the eligibility of the proposal for the selected instrument.

To be evaluated, the proposals must meet the eligibility criteria. If it clearly appears before, during, or after the evaluation step that a proposal does not meet one or several of those criteria, including the completeness of the file, the FNRS will consider it as ineligible and will retrieve it from the evaluation process. The FNRS will then notify the applicants.

Contacting referees⁹:

For instruments that involve referees in order for them to give an opinion on certain qualities of the applicant, applicants shall contact the reference persons prior to mentioning their contact details in the application form if they want to make sure that their referees are willing to provide a reference letter as part of their application.

After submission of the application file, the F.R.S.-FNRS will contact the reference persons referred in the application form notifying them of the information they should provide, and a reminder will be sent to each referee in due course. No information will be communicated to the applicant on the receipt of the letters to ensure confidentiality

1.5 FUNDING DECISION AND FINALISATION

The funding decision (granting or rejection) is within the competence of the Board of Trustees of the FNRS.

Funding decision:

At the end of the evaluation, the decision on the funding will be taken by the Board of Trustees of the FNRS, depending on the available budget, and on the basis of the final grading and final consolidated reports elaborated by each Scientific Commission. The Board of Trustees decides on the granting or rejection, as well as on the granted amounts, if necessary.

Communication to the applicants:

The administrative staff of the FNRS informs the applicant(s) about the funding decision for their proposal and transfers to the applicant(s), and to the promoter(s) if applicable:

- the final evaluation report, and
- the evaluation reports by the first-step individual experts on an anonymous basis.

⁸ If applicants select only one descriptor field relevant to the Scientific Commission selected, they shall justify the selection of the Scientific Commission in the application form.

Applicants who select the Scientific Commission FORESIGHT, dedicated to research projects relating to sustainable development (covering Nature Sciences, Applied Sciences, Human and Social Sciences), must demonstrate the "sustainable development" part of their research project, including interdisciplinary aspects (2000 characters max.).

⁹ Opinion letters from promoters as well as from referees are confidential and are intended to be for the use of members of the Scientific Commissions only.

2. THE “GRANTS AND FELLOWSHIPS” CALL

Object of the call and the instruments:

The “researcher” instruments are part of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers. They enable the researchers to be funded through fellowships, in the form of grants (doctoral researchers), fixed-term fellowships (postdoctoral researchers) or open-ended fellowships (experienced researchers).

There is a possibility to renew or extend some of these fellowships. Given that the applicants have already received a positive evaluation for the allotment of a first fellowship, the procedures for the second evaluation are lighter and are mainly related to the extension opportunity.

The guide presents the access conditions to benefit from a financial allotment. In addition to the details on some of these conditions (the reference decree, for instance), the rules and regulations provide information on the nature, the allocation and the duration of the fellowship; the rights and obligations of the holders of a fellowship; the financial and social provisions.

2.1 THE RESEARCHERS INSTRUMENTS: COMMON CONDITIONS

Whatever the funding instrument and the available tool for the applicant, there are elements which are common to the “researcher” instruments, especially when considering the three main instruments: the Research Fellow fellowship (doctoral level), the Postdoctoral Researcher fellowship (postdoctoral level) and the Research Associate fellowship (experienced researcher level).

2.1.1 ELIGIBILITY CRITERIA (MAIN INSTRUMENTS)

For the three main fellowships (Research Fellow, Postdoctoral Researcher, and Research Associate), the eligibility criteria are based on the number of years following the graduation and giving access to the instrument (date of reference¹⁰):

- - for Research Fellow applicants: see key dates of the call under section 2.2.1.,
- for Postdoctoral Researcher or Research Associate applicants: see key dates of the call under section 2.3.1.

Year extension possibility: an additional year per childbirth or adoption, which occurs after obtaining the degree which gives access to the instrument.

2.1.2 CONDITIONS CONCERNING THE APPLICANT

Application restrictive rules:

An applicant may not apply more than 3 times for the same fellowship, and may only submit a single application per instrument and per call. It is however possible to apply for different fellowships through different instruments.

Doctor applicants:

¹⁰ The date of reference is the validation deadline fixed for the academic authorities (rectors).

Each fellowship allotted by the FNRS to a doctor-researcher shall be subject to the prior approval of the competent Provincial Council of the Medical Board inasmuch as the doctor-researcher carries out actions which come under medical practice as defined by the Code of Medical Ethics.

2.1.3 VALIDATION OF THE PROPOSAL

Applicants shall not submit a proposal alone. In order to apply, applicants must have the authorisation of the institution where they wish to carry out the research programme is required and, in most cases, the support of a promoter is required.

Promoter:

Except for applicants to a Senior Research Associate, a Research Director fellowship or an establishment in the CFB (Ulysse Incentive Grant for Mobility in Scientific Research), applicants carry on their research work under the supervision of a promoter who shall be permanently appointed or on probation (equivalent to a permanent appointment) in a university of the CFB.

If the promoter - of a fellowship applicant- who is appointed permanently and accesses pension / becomes professor emeritus after the validation deadline fixed for the academic authorities (rectors) and before the end of the granting scheme in case of granting, the submission of the application shall be subject to the prior approval of the Head of institution where the research will be carried out¹¹.

The promoter permanently appointed who will access pension / become professor emeritus by the validation deadline fixed for the academic authorities (rectors) is no longer eligible.

A proposal is necessarily linked to an academic institution. In that sense, the term "promoter" is used in its broadest acceptation. This underlies that a young researcher must have a host institution and a direct supervisor (and a co-promoter if any). More broadly, a promoter is a reference person involved in a proposal, e.g. the director of a research group joined by a more experienced researcher.

If doctoral researchers wish to conduct part of their research works in a state scientific institution, their supervisor in this institution can be a co-promoter only. In addition to their attachment to a CFB university, doctoral researchers may be co-supervised in another research institution.

Validation process¹²:

The applicant must validate the proposal and then have it validated by the possible promoter who marks her/his commitment to the project by confirming the accuracy of the information provided by the applicant. The validation by the competent academic authorities constitutes the last step of the procedure. The whole procedure must be completed by the validation deadline fixed for the academic authorities (rectors), as planned for the given instrument.

2.1.4 TYPICAL CONTENT OF A "RESEARCHER" PROPOSAL

¹¹ This rule does not apply for promoters of an applicant applying for a Research Associate fellowship.

¹² For Research Fellow applicants, Special Doctoral Grant, Medical Doctor Applicants to an MSc and a Ph.D., Clinical Master Specialist Applicants to a Ph.D., Veterinary MD Ph.D. students, Postdoctoral Researchers, Post-doctorate Clinical Master Specialist and Research Associates, an opinion letter will be requested from the promoter when validating on SEMAPHORE.

The aim of a “researcher” instrument is to fund a person: the main subject of the selection is the researcher her/himself whose skills, necessary to accomplish a research project, are assessed. This specific attention to the quality of the researcher is highly emphasised for an applicant to the position of Postdoctoral Researcher whose research topic could evolve throughout her/his career.

The 3-dimensional frame of proposals:

For each instrument (except for those enabling an extension of the ongoing fellowship), the content of a proposal shall provide the reviewer with the means to evaluate the potential of an applicant, based on three frames:

- the applicant: factual elements demonstrating her/his qualities, past achievements and if necessary, referees’ letters. A particular attention is paid to the scientific material, embodied by publications.
- the research project: expression of the creativity, the robustness of the methodological approach and the position of the applicant among the scientific community related to her/his field. The project is divided in different parts as presented hereunder.
- the research environment (included in the [scientific section](#)): intellectual, human, equipment, collaborative networks... resources at the disposal of the researcher in order to carry out the project. The adequacy between the resources and the project submitted will be assessed.

These elements are adjusted and balanced depending on the goals of each instrument. The ULYSSE Incentive Grant for Mobility in Scientific Research has a slightly different structure, given its specific goals (team).

The applicant:

For all the instruments, the evaluation of an applicant is based notably on the academic background (training), previous achievements, the career path, peer reviews (reference letters, honours, awards...). The requested elements depend mainly on the level of the fellowship and on the instrument (see below).

The types of publications by the applicant (published or accepted) that can be attached to a proposal and the required structure for the publication lists are presented in Chapter 1.3.3.

The project:

The project includes a title and a summary, which must be provided both in French and in English, regardless of the language chosen for the proposal. They shall contain respectively 200 and 2,000 characters maximum (including spaces and punctuation marks), in each language.

The project shall be written in one language only and described in a document that includes the reference bibliography, classified according to the order of appearance in the text and divided into 4 parts:

- goals of the research
- state of the art
- research project
- work plan (to be described for the whole duration of the fellowship and as for experienced researcher positions a 5-year description is required)

This document of maximum 4 pages (margins of minimum 15 mm, single space, Arial 12) can be completed with 2 additional pages (maximum) containing graphs and tables.

The research environment:

The content (1 page maximum) varies depending on the nature of the project, the research field and the nature of the fellowship.

2.2 DOCTORAL RESEARCHERS

Goals of the instruments:

The purpose of these fellowships is the training of young researchers who wish to obtain a doctoral thesis.

Five instruments intended for doctoral researchers are available within the framework of the "Grants and Fellowships" call:

- the fellowship for Research Fellows, a full-time research grant intended for young researchers (all fields);
- the part-time fellowship for Medical Doctor Applicants to a MSc and a Ph.D., intended for clinical doctors;
- the part-time fellowship for Clinical Master Specialist Applicants to a Ph.D., intended for accredited medical specialists;
- the part-time fellowship for Veterinary MD. Ph.D. Students, intended for veterinary doctors;
- the Special Doctoral Grant intended for secondary education teachers who need to devote one year to research, on a full-time basis, in order to finalise their Ph.D. (all fields).

General eligibility criteria:

Applicants to a doctoral fellowship must hold a 2nd cycle degree which allows them to access doctoral studies.

Specific remarks:

For any applicant to a Doctoral Researcher instrument:

- The applicant's ranking established by the faculty which has awarded the eligible Master degree required as part of the application will also be considered for the evaluation. Applicants are required to complete the [ad hoc document](#) in order to upload it after the applications validation deadline on a dedicated page at <https://e-space.frs-fnrs.be> by 1st May the year of the considered Grants and Fellowships Call, at the latest, as a follow-up to their application file.
- The result of the Master thesis, if available at the latest by the validation deadline fixed for the academic authorities (rectors), will be communicated to the Scientific Commission.

General Regulation on fellowships:

Doctoral researchers' fellowships are linked to a 3rd cycle university training provided by doctoral schools. All doctoral applicants must thus pertain to a doctoral school.

The doctoral schools of the CFB depend upon the FNRS and are listed on the website, at: <http://www.fnrs.be/index.php/financements/ecoles-doctorales>.

2.2.1 KEY DATES OF THE CALL 2018 FOR DOCTORAL RESEARCHERS

INSTRUMENTS			GRANTS AND FELLOWSHIPS CALL 2018			
			DEADLINE TO ACCESS THE ELECTRONIC FORM	DEADLINE ¹³ FOR THE ELECTRONIC VALIDATION		
				APPLICANT	PROMOTER	RECTOR
DOCTORAL RESEARCHER	Research Fellow	ASP	Wednesday 21 st February At 2 p.m.	Thursday 22 nd February At 2 p.m.	Wednesday 28 th February At 2 p.m.	Tuesday 6 th March At 2 p.m.
	Research Fellow renewal	ASP-REN				
	Special Doctoral Grant	BSD				
	Medical Doctor Applicant to an MSc and a Ph.D.	CSD				
	Medical Doctor Applicant to an MSc and a Ph.D. renewal	CSD-REN				
	Clinical Master Specialist Applicant to a Ph.D.	SD				
	Clinical Master Specialist Applicant to a Ph.D. renewal	SD-REN				
	Veterinary MD. Ph.D. Student	VETE-CCD				

2.2.2 FELLOWSHIP FOR RESEARCH FELLOWS (FULL-TIME)

Operational conditions of the fellowship:

The Research Fellow fellowship aims at the completion of a Ph.D. within 4 years. The fellowship appears in the form of a 2-year grant, which may be renewed for maximum 2 more years, subject to the approval of the authorised academic body.

The doctor who is granted with a Research Fellow fellowship shall decide to suspend a complementary Master degree/medical specialisation during the whole duration of the fellowship.

Holders of a Research Fellow fellowship receive an operating credit under the responsibility of their promoter, which enables them to conduct their research.

2.2.2.1 **Research Fellow Fellowship (ASP)** [Specific appendices](#), initial term: 2 years

In accordance with Article 3, paragraph 1 of the FNRS Rules and regulations for Research Fellows fellowship:

“The ASP fellowship is open to the holders of:

- 1° a master degree for a value of at least 120 credits awarded by a Higher Education Institution within the French-speaking Community of Belgium;
- 2° a master degree for a value of at least 120 credits awarded by a Higher Education Institution within the Dutch-speaking Community, German-speaking Community or from the Royal Military Academy.
- 3° Any other degree as referred to in Article 115 of the Decree of 7th November 2013 of the French-speaking Community of Belgium that defines the landscape of Higher Education and the academic studies organisation.”

¹³All times are Brussels local time.

Situation of the ASP applicant with regard to article 3, paragraph 1 of the Regulations	Appendices to provide
Holder of a degree as referred to in paragraph 1, 1°	Certificate of achievement or a copy of the diploma.
Holder of a degree as referred to in paragraph 1, 2°	
Holder of a degree as referred to in paragraph 1, 3°	Registration document or a certificate that enables the admission to doctoral programmes issued by the university where the studies will be carried out, along with a certificate of achievement or a copy of the degree concerned.
Enrolled in a end-of-cycle Master degree programme as referred to in paragraph 1, 1° and 2°	Certificate of registration to the final year of Master degree.

2.2.2.2 *Research Fellow (ASP - Aspirant), initial term: 2 years*

Key dates of the call 2018: see page 18

Eligibility criteria:

An applicant to a Research Fellow fellowship (ASP – Aspirant) must hold a 2nd cycle degree (Master's) for maximum 3 years (for no more than the duration of the specialisation for doctors and veterinarian applicants who have been undertaking a medical or veterinary specialty training¹⁴), by the validation deadline fixed for the rector of the host university at the latest.

Students enrolled in a Belgian university, in their (Master's) graduation year giving access to doctoral studies, may also submit an application file, provided that the graduation date is prior to the starting date of the requested fellowship (1st October the year of the considered Grants and Fellowships Call).

Year extension possibility: an additional year per childbirth or adoption, which occurs after obtaining the degree which gives access to the instrument.

Application restrictive rules:

Applicants who have already benefited from a Research Fellow fellowship (ASP), whatever its duration, are no longer allowed to apply for another Research Fellow fellowship (ASP).

A Research Fellow fellowship has a maximum duration of 48 months. Applicants who received a FRIA grant for instance cannot benefit from the maximum duration possible under a FNRS fellowship as it is deducted from the funded period of the FRIA grant.

¹⁴ Applicants in this situation are required to enclose to their application file a registration document concerning the specialty in question by the validation deadline fixed for the academic authorities (rectors).

Submission procedure:

The application for an ASP fellowship can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is verified and validated by the promoter, and then by the rector.

Content and evaluation of the proposal:

The content is structured around 3 parts relevant to the "researcher" instruments. Each category is assigned a weight in order to calculate the overall grade of the proposal:

- quality of the applicant (60%): academic CV, promoter's opinion (creativity, intellectual abilities, etc.);
- quality of the project (25%): feasibility, methodology, originality, potential impact;
- research environment (15%).

The detail of the information required from applicants is available on SEMAPHORE.

2.2.2.3 *Research Fellow renewal*

(ASP-REN - Aspirant renouvellement): maximum 2 years

For all ASP-REN applications: [Specific appendices](#)

Key dates of the call 2018: see page 18

Submission procedure:

The application for a renewal must be submitted during the second year of the first fellowship. The FNRS will give the relevant researchers access to the online form on SEMAPHORE.

The application for an ASP-REN fellowship can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is verified and validated by the promoter, and then by the rector.

An opinion document attached to the application must be completed by the Supervisory Panel (Thesis Advisory Committee). Once completed and signed, the document must be sent to the research unit of the French-speaking Community institution (or Board of Education) in order to be signed by the academic authorities. The latter will send the document to the FNRS by 31st May the year of the considered Grants and Fellowships Call, at the latest.

Evaluation of the proposal:

The evaluation of the Research Fellow fellowship renewal (ASP-REN) application is based on the attached document, in which the academic body expresses its opinion on the feasibility of the project and confirms that the thesis should be defended by the end of the fellowship.

When the university of the French-speaking Community of Belgium takes the ultimate decision for the applicant not to further continue doctoral studies and when the Rector notifies the FNRS in writing, the Research Fellow fellowship will expire at the end of the ongoing fellowship.

2.2.3 PART-TIME FELLOWSHIPS FOR CLINICAL DOCTORS

This category is restricted to clinical doctors who wish to dedicate themselves to fundamental research while pursuing a part-time hospital activity.

The promoter of an applicant to a Medical Doctor Applicants to an MSc and a Ph.D. (CSD – Candidat spécialiste doctorant) or a Clinical Master Specialist Applicants to a Ph.D. (SD

– Spécialiste doctorant) fellowships shall be permanently appointed or on probation (equivalent to a permanent appointment) in a university of the French-speaking Community which has a faculty of medicine offering a complete curriculum

Operational conditions of the fellowship:

Clinical doctors keep on receiving their hospital salary (full-time position). The FNRS transfers a (capped) compensation directly to the host institution to which they are attached, as a reimbursement for the clinical activities that are not performed during the time dedicated to research.

Holders of a CSD (Medical Doctor Applicants to an MSc and a Ph.D.) or SD (Clinical Master Specialist Applicants to a Ph.D.) fellowship must be enrolled in the Graduate School in clinical and experimental medicine pertained to the Graduate College in medical sciences attached to the FNRS at the latest on 1st October of the year when the fellowship is granted and shall start.

2.2.3.1 *Medical Doctor Applicant to an MSc and a Ph.D.* *(CSD - Candidat spécialiste doctorant), initial term: 2 years*

For all CSD applications: [Specific appendices](#)

Key dates of the call 2018: see page 18

Characteristics of the fellowship:

This fellowship is intended for doctors in order to carry out a Ph.D. and complete an Advanced Master's degree simultaneously.

The duration of this fellowship is 2 years with the possibility to renew it three times (equivalent to a maximum duration of 8 years).

A part-time fellowship for Medical Doctor Applicants to an MSc and a Ph.D. (CSD – Candidat spécialiste doctorant) can begin anytime during the specialisation but shall end at the latest 4 years after the end of the specialisation.

Eligibility criteria:

The applicant to a CSD fellowship must hold the academic degree of medical doctor at the latest on on 1st October of the year when the fellowship is granted and shall start.

Submission procedure:

The application for a CSD fellowship can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is verified and validated by the promoter, and then by the rector.

Content and evaluation of the proposal:

The content is structured around 3 parts relevant to the "researcher" instruments. Each category is assigned a weight in order to calculate the overall grade of the proposal:

- quality of the applicant (60%): academic CV, promoter's opinion (creativity, intellectual abilities, etc.);
- quality of the project (25%): feasibility, methodology, originality, potential impact;
- research environment (15%).

The detail of the information required from applicants is available on SEMAPHORE.

2.2.3.2 *Medical Doctor Applicant to an MSc and a Ph.D. renewal* *(CSD-REN - Candidat spécialiste doctorant renouvellement):*

For all CSD-REN applications: [Specific appendices](#)

Key dates of the call 2018: see page 18

Submission procedure:

The application for a renewal must be submitted during the second year of the first fellowship. The FNRS will give the relevant researchers access to the online form on SEMAPHORE.

The application for a CSD-REN fellowship can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is verified and validated by the promoter, and then by the rector.

An opinion document attached to the application must be completed by the Supervisory Panel (Thesis Advisory Committee). Once completed and signed, the document must be sent to the research unit of the French-speaking Community institution (or Board of Education) in order to be signed by the academic authorities. The latter will send the document to the FNRS by 31st May the year of the considered Grants and Fellowships Call, at the latest.

Evaluation of the proposal:

The evaluation of the Medical Doctor Applicant to an MSc and a Ph.D. renewal (CSD-REN) application is based on the attached document, in which the academic body expresses its opinion on the feasibility of the project and confirms that the thesis should be defended by the end of the fellowship.

When the university of the French-speaking Community of Belgium takes the ultimate decision for the applicant not to further continue doctoral studies and when the Rector notifies the F.R.S.-FNRS in writing, the part-time Medical Doctor Applicant to an MSc and a Ph.D. fellowship will expire at the end of the ongoing fellowship.

2.2.3.3 *Fellowship for Clinical Master Specialist Applicant to a Ph.D.
(SD - Spécialiste doctorant), initial term: 2 years*

For all SD applications: [Specific appendices](#)

Key dates of the call 2018: see page 18

Characteristics of the fellowship:

This fellowship is intended for accredited medical specialists in order to carry out a Ph.D. The duration of this part-time fellowship is 2 years, with the possibility to renew it once (equivalent to a maximum duration of 4 years).

Eligibility criteria:

The SD fellowship is opened to applicants holding the academic degree of Doctor and who have a medical specialisation degree, at the latest on 1st October of the year when the fellowship is granted and shall start.

Specific application rule:

Applicant to an SD fellowship must have received the accreditation of medical specialist from the Federal Public Service (FPS) for Public Health or *the French-speaking community of Belgium* for maximum 3 years. This period expires on 1st October of the year when the fellowship is granted and shall start.

Year extension possibility: an additional year per childbirth or adoption, which occurs after obtaining the accreditation as medical specialist.

Submission procedure:

The application for a SD fellowship can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is verified and validated by the promoter, and then by the rector.

Content and evaluation of the proposal:

The content is structured around 3 parts relevant to the "researcher" instruments. Each category is assigned a weight in order to calculate the overall grade of the proposal:

- quality of the applicant (60%): academic CV, promoter's opinion (creativity, intellectual abilities, etc.);
- quality of the project (25%): feasibility, methodology, originality, potential impact;
- research environment (15%).

The detail of the information required from the applicants is available on SEMAPHORE.

2.2.3.4 *Clinical Master Specialist Applicant to a Ph.D. renewal*
(SD-REN - Spécialiste doctorant renouvellement): maximum 2 years

For all SD-REN applications: [Specific appendices](#)

Key dates of the call 2018: see page 18

Submission procedure:

The application for a renewal must be submitted during the second year of the first fellowship. The FNRS will give the relevant researchers access to the online form on SEMAPHORE.

The application for a SD-REN fellowship can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is verified and validated by the promoter, and then by the rector.

An opinion document attached to the application must be completed by the Supervisory Panel (Thesis Advisory Committee). Once completed and signed, the document must be sent to the research unit of the French-speaking Community institution (or Board of Education) in order to be signed by the academic authorities. The latter will send the document to the FNRS by 31st May the year of the considered Grants and Fellowships Call, at the latest.

Evaluation of the proposal:

The evaluation of the Clinical Master Specialist Applicant to a Ph.D. renewal (SD-REN) application is based on the attached document, in which the academic body expresses its opinion on the feasibility of the project and confirms that the thesis should be defended by the end of the fellowship.

When the university of the French-speaking Community of Belgium takes the ultimate decision for the applicant not to further continue doctoral studies and when the Rector notifies the F.R.S.-FNRS in writing, the part-time Medical Doctor Applicant to an MSc and a Ph.D. fellowship will expire at the end of the ongoing fellowship.

2.2.4 PART-TIME VETERINARY MD. PH.D. STUDENT FELLOWSHIP

This category is restricted to veterinary doctors in the course of a clinical specialisation in order to enable them to prepare and present a doctoral thesis, while pursuing a part-time activity, within the framework of their clinical training.

Operational conditions of the fellowship:

Clinicians keep on receiving their hospital salary (full-time position). The FNRS transfers a (capped) compensation directly to the host institution to which they are attached, as a reimbursement for the clinical activities that are not performed during the time dedicated to research.

This part-time research fellowship is applicable for 2 years maximum, renewable once (equivalent to a maximum duration of 4 years).

Applicants who receive a VETE-CCD fellowship must be enrolled in the Doctoral School in veterinary sciences attached to the FNRS at the latest by the time of the granting.

2.2.4.1 *Veterinary MD. Ph.D. Student*

(VETE-CCD - Vétérinaire Clinicien-Chercheur Doctorant), initial term: 2 years

For all VETE-CCD applications: [Specific appendices](#)

Key dates of the call 2018: see page 18

Eligibility criteria:

In addition to general criteria applicable to doctoral fellowships, the following criteria are specific to the VETE-CCD:

- Hold the academic degree of Veterinary Doctor,
- Be less than 35 years old by the validation deadline fixed for the academic authorities (rectors) to validate the application,
- Have been involved for at least 2 years in a “Residency training programme” (including internship) approved by the European bodies (European Colleges recognised by the European Board of Veterinary Specialisation), by 1st October of the year during which the fellowship is granted and should start, at the latest.

Submission procedure:

The application for a VETE-CCD fellowship can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is verified and validated by the promoter, and then by the rector.

Content and evaluation of the proposal:

The content is structured around 3 parts relevant to the “researcher” instruments. Each category is assigned a weight in order to calculate the overall grade of the proposal:

- quality of the applicant (60%): academic CV, promoter's opinion (creativity, intellectual abilities, etc.);
- quality of the project (25%): feasibility, methodology, originality, potential impact;
- research environment (15%).

The detail of the information required from the applicants is available on SEMAPHORE.

2.2.5 SPECIAL DOCTORAL GRANT FOR SECONDARY EDUCATION TEACHERS (1 YEAR)

Special Doctoral Grants (BSD) are intended for university graduates of the French-speaking Community of Belgium (CFB), teaching in secondary education, benefiting from employment stability and who may be granted a special leave without pay for one year, with the assurance that they will get their position back at the end of that leave, to enable them to complete a research work to obtain a degree of Doctor in a university of the French-speaking Community of Belgium.

2.2.5.1 Special Doctoral Grant for secondary education teachers (1 year) (BSD - Bourse spéciale de doctorat)

For all BSD applications: [Specific appendices](#)

Key dates of the call 2018: see page 18

Eligibility criteria:

In addition to general criteria applicable to doctoral fellowships, the following criteria are specific to the Special Doctoral Grant fellowship (BSD – Bourse spéciale de doctorat):

- to be at least 28 years old on the starting date of the grant;
- to be 45 years old maximum on the starting date of the grant;
- to enjoy a stable employment and to be able to obtain a non-active status with the certainty to get the teaching position back.

Application restrictive rule:

Applicants who have already benefited from a BSD fellowship, whatever its duration, may not apply for another BSD fellowship.

Operational conditions of the fellowship:

The duration of the BSD fellowship is one year. It begins on 1st September of the granting year and ends on 31st August of the following year.

Submission procedure:

Applicants to a BSD fellowship must submit an access request to the FNRS by sending an email to semaphore@frs-fnrs.be before 21st February 2018, add "Appel BSD 2018" in the subject line and attach the following documents:

- a curriculum vitae, highlighting the position as a secondary education teacher with a complete timetable. The CV must also include the date of birth, the degrees obtained, the career path, as well as the information on the doctoral thesis (starting date, CFB university and promoter);
- a certification, which grants a non-active status and is issued by the institution where the applicant holds a teacher's position.

The application for a BSD fellowship can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is verified and validated by the promoter, and then by the rector.

An opinion document attached to the application must be completed by the Supervisory Panel (Thesis Advisory Committee). This document must be duly completed and signed and sent to the research unit of the CFB institution (Board of Education) in order to be signed by the academic authorities. The latter will send the document to the FNRS by 7th March 2017 at the latest, the validation deadline fixed for the academic authorities (rectors).

The applicant must provide a statement by her/his promoter, in which the latter:

- takes the scientific responsibility for the research work;
- sponsors the applicant within the Faculty where s/he wishes to present the Ph.D.;
- certifies that the work has progressed enough and can be therefore achieved within a year, on a full-time basis;
- attests that the applicant will not be able to successfully complete the research if s/he is not relieved from her/his duties.

The appendices must be sent to the FNRS by the validation deadline fixed for the academic authorities (rectors) at the latest.

Content of the proposal:

The information required from the applicants is related mainly to their background and their thesis project, including the work plan and the project progress.

Evaluation of the proposal:

The evaluation of each BSD fellowship application is based on the attached document, in which the academic body expresses its opinion on the feasibility of the project and confirms that the thesis should be defended by the end of the grant.

2.3 POSTDOCTORAL RESEARCHERS

Goals of the instruments:

These fellowships are intended for researchers holding the academic degree of Doctor (with thesis) in order to further develop their research experience.

Within the framework of the “researcher” call, two instruments are available for postdoctoral researchers:

- the fellowship for Postdoctoral Researchers, which is a full-time research fellowship (all fields);
- the fellowship for Post-doctorate Clinical Master Specialists, which is a part-time research fellowship intended for accredited specialists.

2.3.1 KEY DATES OF THE CALL 2018 FOR POSTDOCTORAL RESEARCHERS

INSTRUMENTS			GRANTS AND FELLOWSHIPS CALL 2018			
			DEADLINE ¹ TO ACCESS THE ELECTRONIC FORM	DEADLINE ¹⁵ FOR THE ELECTRONIC VALIDATION		
				APPLICANT	PROMOTER	RECTOR
POSTDOCTORAL RESEARCHER	Postdoctoral Researcher	CR	Wednesday 24 th January At 2 p.m.	Thursday 25 th January At 2 p.m.	Wednesday 31 st January At 2 p.m.	Tuesday 6 th February At 2 p.m.
	Post-doctorate Clinical Master Specialist	SPD				
	Post-doctorate Clinical Master Specialist renewal	SPD-REN				
	Research Associate	CQ				
	Senior Research Associate	MR				
	Research Director	DR				
	Ulysse Incentive Grant for Mobility in Scientific Research	MISU				

2.3.2 POSTDOCTORAL RESEARCHER (FULL-TIME)

Operational conditions of the fellowship:

The duration of the Postdoctoral Researcher fellowship (CR – Chargé de recherches) is 3 years. Any Postdoctoral Researcher has the possibility to spend 3 years of the fellowship out of a 6-year cycle to carry out a postdoctoral research outside the CFB, provided that they find an external funding.

Postdoctoral Researchers benefit from an operating credit, which enables them to conduct their research.

2.3.2.1 Postdoctoral Researcher¹⁶ (CR - Chargé de recherches): 3 years

For all CR applications: [Specific appendices](#)

¹⁵All times are Brussels local time.

¹⁶Applicants to a Postdoctoral Research fellowship who are planning one or several research stays will be required to provide a letter of approval or emails exchanges which demonstrate that formalities are being processed.

Key dates of the call 2018: see page 27

Eligibility criteria:

Applicants to a Postdoctoral Researcher fellowship (CR – Chargé de recherches) must meet one of the two following conditions:

- to hold a doctoral degree (Ph.D.) for maximum 5 years by the validation deadline fixed for the academic authorities (rectors) at the latest

or

- to hold this degree at the latest by 1st May the year of the considered Grants and Fellowships Call (in such case the applicant must upload a [sworn statement](#) in the application file).

Year extension possibility: an additional year per childbirth or adoption, which occurs after obtaining the doctoral degree (Ph.D.) which gives access to this instrument.

Application restrictive rule:

Applicants who have already benefited from a CR fellowship, whatever its duration, shall not apply for another CR fellowship.

Submission procedure:

The application for a CR fellowship can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is verified and validated by the promoter, and then by the rector.

Content and evaluation of the proposal:

The content is structured around 3 parts relevant to the "researcher" instruments. Each category is assigned a weight in order to calculate the overall grade of the proposal:

- quality of the applicant (40%): number and quality of the publications (journals, citations, etc.) promoter's opinion (creativity, intellectual abilities, independency, etc.), awards;
- quality of the project (40%): feasibility, methodology, originality, potential impact;
- research environment (20%).

The detail of the information required from the applicants is available on SEMAPHORE.

2.3.3 PART-TIME POSTDOCTORAL FELLOWSHIP FOR CLINICAL DOCTORS

This category is restricted to Postdoctoral accredited specialist clinical doctors who wish to dedicate themselves to fundamental research while pursuing a part-time hospital activity.

The promoter of the applicant to a part-time Post-doctorate Clinical Master Specialist (SPD) fellowship shall be permanently appointed or on probation (equivalent to a permanent appointment) in a university of the French-speaking Community which has a faculty of medicine offering a complete curriculum.

Operational conditions of the fellowship:

Clinical doctors keep on receiving their hospital salary (full-time position); the FNRS transfers a (capped) compensation directly to the host institution to which they are attached, as a reimbursement for the clinical activities that are not performed during the time dedicated to research.

This part-time fellowship is applicable for 2 years, renewable three times (equivalent to a maximum duration of 8 years).

2.3.3.1 *Fellowship for Post-doctorate Clinical Master Specialists
(SPD - Spécialiste postdoctorant), initial term: 2 years*

For all SPD applications: [Specific appendices](#)

Key dates of the call 2018: see page 27

Eligibility criteria:

Applicants for a fellowship for Post-doctorate Clinical Master Specialists (SPD – Spécialiste postdoctorant) must meet the 2 following conditions:

- to hold the academic degree of medical specialist;
- to hold a doctoral degree (Ph.D.) for maximum 5 years by the validation deadline fixed for the academic authorities (rectors) at the latest **or** to hold this degree at the latest by 1st May the year of the considered Grants and Fellowships Call (in such case the applicant must upload a sworn statement in the application file).

Year extension possibility: an additional year per childbirth or adoption, which occurs after obtaining the doctoral degree (Ph.D.) which gives access to this instrument.

Submission procedure:

The application for a SPD fellowship can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is verified and validated by the promoter, and then by the rector.

Content and evaluation of the proposal:

The content is structured around 3 parts specific to the "researcher" instruments. Each category is assigned a weight in order to calculate the overall grade of the proposal:

- quality of the applicant (40%): number and quality of the publications (journals, citations, etc.) promoter's opinion (creativity, intellectual abilities, independency, etc.), awards;
- quality of the project (40%): feasibility, methodology, originality, potential impact;
- research environment (20%).

The detail of the information required from the applicants is available on SEMAPHORE.

2.3.3.2 *Post-doctorate Clinical Master Specialist Renewal Fellowship
(SPD-REN - Spécialiste postdoctorant renouvellement):
2-year fellowship renewable twice*

For all SPD-REN applications: [Specific appendices](#)

Key dates of the call 2018: see page 27

Submission procedure:

The application for a renewal must be submitted during the second year of the first fellowship. The FNRS will give the relevant researchers access to the online form on SEMAPHORE.

The application for a Fellowship for Post-doctorate Clinical Master Specialists renewal (SPD-REN - Spécialiste postdoctorant renouvellement) can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is verified and validated by the promoter, and then by the rector.

Evaluation of the proposal:

The first renewal of the Post-doctorate Clinical Master Specialist fellowship shall be requested during the second year of the fellowship and simply upon request by the applicant.

As from the second renewal, the application will be assessed by the relevant Scientific Commission.

Content and evaluation of the proposal as from the second renewal:

The content is structured around 3 parts specific to the “researcher” instruments. Each category is assigned a weight in order to calculate the overall grade of the proposal:

- quality of the applicant (40%): number and quality of the publications (journals, citations, etc.) promoter's opinion (creativity, intellectual abilities, independency, etc.), awards;
- quality of the project (40%): feasibility, methodology, originality, potential impact;
- research environment (20%).

The detail of the information required from the applicants is available on Semaphore.

2.4 EXPERIENCED RESEARCHERS

The fellowship for experienced researchers is an instrument enabling to dedicate oneself to research. This open-ended fellowship includes 3 levels:

- the fellowship for Research Associate (CQ – Chercheur qualifié);
- the fellowship for Senior Research Associate (MR – Maître de recherches), a promotion of the CQ fellowship based on merit;
- the fellowship for Research Director (DR – Directeur de recherches), a promotion of the MR fellowship based on merit.

2.4.1 FELLOWSHIP FOR RESEARCH ASSOCIATES¹⁷

(CQ - Chercheur qualifié)

For all CQ applications: [Specific appendices](#)

Key dates of the call 2018: see page 27

Eligibility criteria:

Applicants for a Research Associate fellowship (CQ – Chercheur qualifié) must hold the academic degree of Doctor, obtained after the defence of a thesis, and issued by an academic institution for maximum 10 years by the validation deadline fixed for the academic authorities (rectors) at the latest.

Year extension possibility: an additional year per childbirth or adoption, which occurs after obtaining the doctoral degree (Ph.D.) which gives access to this instrument.

Application restrictive rule:

Applicants who would have previously resigned from a Research Associate fellowship (CQ) shall not apply for a new fellowship.

Operational condition of the fellowship:

Research Associates benefit from an operating credit during the first 3 years of the fellowship.

Submission procedure:

The application for a Research Associate fellowship (CQ) can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is verified and validated by the promoter, and then by the rector.

Content and evaluation of the proposal:

The content is structured around 3 parts specific to the “researcher” instruments, to which the notion of “international potential/recognition” is added. Each category is assigned a weight in order to calculate the overall grade of the proposal:

- quality of the applicant (40%): number and quality of the publications (journals, citations, etc.), opinion of the promoter and of 3 worldwide renowned referees (creativity,

¹⁷ As for Research Associate fellowships, the Scientific Commissions will not suggest the Board of Trustees a ranking but a list of maximum 4 applicants ranked A, who may be nominated during the same year. No recruitment other than among the 4 applicants will be allowed. Thus, the Scientific Commissions make recruitment suggestions and the final selection is made by Board of Trustees of the FNRS, guided by the opinion of the Scientific Commissions, on the one hand, and by the respective institutional strategies and permanent positions availabilities assigned to the universities, on the other hand.

international influence, ability to develop a team, independency, etc.), funded projects, grants, and awards obtained;

- quality of the project (25%): feasibility, methodology, originality, potential impact;
- research environment (10%);
- international potential/recognition (25%): long stays abroad¹⁸, invitations to international conferences, active collaborations, participation in networks.

The detail of the information required from the applicants is available on SEMAPHORE.

2.4.2 **PROMOTION: SENIOR RESEARCH ASSOCIATE**

(MR - Maître de recherches)

For all MR applications: [Specific appendices](#)

Key dates of the call 2018: see page 27

Eligibility criteria:

In accordance to Article 10, §1,

Holders of a FNRS CQ fellowship may seek promotion to the MR title as from the beginning of the 8th academic year following their appointment, provided that they have been carrying out a fundamental activity for 8 years.

Application restrictive rules:

Applicants who would have previously resigned from a MR fellowship shall not apply for a new fellowship.

The promotion to the MR title shall not be sought more than three times over a period of nine years.

Submission procedure:

The application for a Senior Research Associate fellowship (MR) can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is validated by the rector.

In support of their application for a promotion as Senior Research Associate, Research Associates must enclose a summary report¹⁹ of 12,000 words maximum with their application file. This report shall present the research they have carried out and highlight their originality and innovative nature.

Content and evaluation of the proposal:

The content provided is used to evaluate the relevance of the promotion requested by the applicant:

- quality of the applicant: number and quality of the publications (journals, citations, etc.), opinion of 3 worldwide renowned referees (creativity, international influence, ability to develop a team, independency, etc.), funded projects, grants, and awards obtained;
- quality of the project: feasibility, methodology, originality, potential impact;
- international potential/recognition: long stays abroad, invitations to international conferences, active collaborations, participation in networks, list of supervised Master dissertations and Ph.D. theses.

The detail of the information required from the applicants is available on SEMAPHORE.

¹⁸ A long stay abroad is a key element adding value to the application file.

¹⁹ The 12,000-word summary report is available for Scientific Commission members only.

2.4.3 **PROMOTION: RESEARCH DIRECTOR**

(DR - Directeur de recherches)

Key dates of the call 2018: see page 27

Eligibility criterion:

Senior Research Associates (MR – Maître de recherches) who genuinely carry out the fellowship may seek promotion to the title of Research Director (DR – Directeur de recherches) as from the beginning of the 4th year of the Senior Research Associate fellowship (MR).

Application restrictive rules:

Applicants who would have previously resigned from a DR fellowship shall not apply for a new fellowship.

The promotion to the DR title shall not be sought more than three times over a period of nine years.

Submission procedure:

The application for a DR fellowship can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is validated by the rector.

Content and evaluation of the proposal:

The content provided is used to evaluate the relevance of the promotion requested by the applicant:

- quality of the applicant: number and quality of the publications (journals, citations, etc.), opinion of 3 worldwide renowned referees (creativity, international influence, ability to develop a team, independency, etc.), funded projects, grants, and awards obtained;
- quality of the project: feasibility, methodology, originality, potential impact;
- international potential/recognition: long stays abroad, invitations to international conferences, active collaborations, participation in networks, list of supervised Master dissertations and Ph.D. theses.

The detail of the information required from the applicants is available on SEMAPHORE.

2.5 ESTABLISHMENT IN THE FRENCH-SPEAKING COMMUNITY OF BELGIUM (CFB)

The goal of the funding granted within the framework of the ULYSSE Incentive Grant for Mobility in Scientific Research (M.I.S.-ULYSSE) consists in encouraging highly qualified Belgian or foreign researchers who currently pursue a scientific career abroad to come in Belgium and develop their career in a university of the CFB.

The promoter of the MISU fellowship is remunerated by the host academic institution and receives an annual credit of € 200,000 based on an annual average, which can be allocated to cover personal, operating or equipment costs. The duration of the fellowship is 2 years, with the possibility to renew it for 1 year.

2.5.1 ULYSSE INCENTIVE GRANT FOR MOBILITY IN SCIENTIFIC RESEARCH

(MISU - Mandat d'Impulsion Scientifique - Mobilité ULYSSE), initial term: 2 years

For all MISU applications: [Specific appendices](#)

Key dates of the call 2018: see page 27

Eligibility criteria:

When submitting their application, applicants must:

- not hold a FNRS fellowship
- have been living abroad for at least 5 uninterrupted years

Application restrictive rule:

Applicants for a M.I.S.-ULYSSE grant shall not apply more than three times.

Applicant's profile:

The applicant must be an active researcher who has an excellent career track record during the past ten years, demonstrating significant research results. The applicant must have the required skills to lead a research team and must enjoy an international scientific recognition.

Submission procedure and content of the file:

The application for a M.I.S.-ULYSSE grant can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is validated by the rector. In addition to the electronic form, the application must include the letter of endorsement by the rector of the host university.

Criteria taken into account for the evaluation of the proposal:

- originality and innovation of the project;
- possibility to launch a new research unit;
- scientific autonomy towards any existing research unit or laboratory in the host university;
- future-oriented theme (development prospects in the field of study);
- three recommendations from scientific experts (letters of reference);
- Applicant's scientific experience.

2.5.2 M.I.S.-ULYSSE, EXTENSION (MISU-PROL): 1 YEAR

Key dates of the call 2018: see page 27

Submission procedure:

The extension request shall be submitted during the second year of the first fellowship. The FNRS will give the relevant researchers access to the online form on SEMAPHORE. The request for a MISU-PROL grant can be made exclusively online through SEMAPHORE. Following the applicant's validation, the proposal is verified and validated by the promoter, and then by the rector.

Evaluation of the proposal:

The request for a MISU-PROL grant is assessed by the Promotions Committee of the host university.

Appendice

FNRS Scientific Commissions and descriptors

Commissions scientifiques, champs descripteurs et mots-clés

Scientific Commissions, descriptor fields and keywords

Commissions scientifiques et descripteurs tels que décidés par le Conseil d'administration du 04.10.2011
Scientific Commissions and descriptors such decided by the Board of Trustees on 04.10.2011

SCIENCES HUMAINES ET SOCIALES
HUMAN AND SOCIAL SCIENCES

SHS-1	Sciences Humaines et sociales –1 Human and Social Sciences – 1
	sociology, social anthropology, political science, communication (based on ERC-SH2) sociologie, socio-anthropologie, science politique, communication (basé sur ERC-SH2)
SH2_1	Social structure, inequalities, social mobility Structure sociale, inégalités, mobilité sociale
SH2_2	Ageing, work, social policies Vieillesse, travail, politiques sociales
SH2_3	Kinship, cultural dimensions of classification and cognition, individual and social identity, gender Parenté, dimensions culturelles de la classification et de la cognition, identité sociale et individuelle, genre
SH2_4	Myth, ritual, symbolic representations, religious studies Mythes, rituels, représentations symboliques, sciences religieuses
SH2_5	Ethnography Ethnographie
SH2_6	Globalization, migration, interethnic relations Mondialisation, migrations, relations interethniques
SH2_7	Transformation of societies, democratization, social movements Transformation des sociétés, démocratisation, mouvements sociaux
SH2_8	Political systems, legitimacy of governance Systèmes politiques, légitimité de la gouvernance
SH2_12	Communication networks, media, information society Réseaux de communication, média, société de l'information
SH2_13	Social studies of science and technology, S&T policies, science and society Etudes sociales en sciences et technologies, politiques en S&T, science et société
FNRS-1	Social anthropology Anthropologie sociale
	environmental studies, demography, social geography, urban and regional studies (based on ERC-SH3) études environnementales, démographie, géographie sociale, études urbaines et régionales (basé sur ERC-SH3)
SH3_2	Environmental regulation and mediation Réglementation pour l'environnement et médiation
SH3_3	Social and industrial ecology Ecologie sociale et industrielle
SH3_4	Geographical information systems, cartography Systèmes d'information géographiques, cartographie
SH3_5	Human and social geography Géographie humaine et sociale
	transdisciplinary research aiming at addressing a problem related to society cohesion and evolution (in any aspect: economical, societal, philosophical, historical, ...) recherche transdisciplinaire dont l'objectif est de s'attaquer à un problème en rapport avec la cohésion et l'évolution de la société (aspects économiques, sociétaux, philosophiques, historiques, ...)
IDR-1	Demography Démographie
IDR-2	Lifespan education Education tout au long de la vie
IDR-4	Social and geographical mobility Mobilité sociale et géographique
IDR-6	Cultural diversity Diversité culturelle
IDR-8	Democracy Démocratie
IDR-9	Family policies Politique familiales
IDR-10	Regional development Développement régional
IDR-11	European integration Intégration européenne
IDR-12	Consumer Consommation
IDR-32	Gender Studies Etudes de genre

SHS-2	Sciences Humaines et sociales – 2 Human and Social Sciences – 2
	cognition, psychology, education (based on ERC-SH4) cognition, psychologie, sciences de l'éducation (basé sur ERC-SH4)
SH4_1	Evolution of mind and cognitive functions, animal communication Evolution de l'esprit et fonctions cognitives, communication animale
SH4_2	Human life-span development Développement humain tout au long de la vie
SH4_3	Neuropsychology and cognitive psychology Neuropsychologie et psychologie cognitive
SH4_7	Acquisition and knowledge of language: psycholinguistics, neurolinguistics Acquisition et connaissance du langage : psycholinguistique et neurolinguistique
FNRS-3	Experimental psychology Psychologie expérimentale
FNRS-4	Clinical psychology Psychologie clinique
FNRS-5	Social psychology Psychologie sociale
FNRS-6	Work and organizational psychology Psychologie du travail et des organisations
FNRS-7	Human resources psychology Psychologie des ressources humaines
FNRS-8	Health psychology Psychologie de la santé
FNRS-9	Experimental psychopathology Psychopathologie expérimentale
FNRS-27	Academic teaching and learning processes Processus d'enseignement et d'apprentissage en contexte scolaire
FNRS-28	Non academic education and training processes Processus d'éducation et de formation non scolaires
FNRS-29	Study of teaching and training systems and policies Etude des systèmes et des politiques d'enseignement et de formation
FNRS-31	Language pathologies Pathologies du langage
IDR-32	Gender Studies Etudes de genre

SHS-3	Sciences Humaines et sociales – 3 Human and Social Sciences – 3
	literature, linguistics, philosophy, visual and performing arts (based on ERC-SH4 and ERCSH5) littérature, langues et linguistique, philosophie, arts visuels, arts de la scène (basé sur ERCSH4 et ERC-SH5)
SH4_5	Formal, cognitive, functional and computational linguistics Linguistique formelle, cognitive, fonctionnelle et computationnelle
SH4_6	Typological, historical and comparative linguistics Linguistique typologique, historique et comparée
SH4_8	Use of language: pragmatics, sociolinguistics, discourse analysis Utilisation du langage : pragmatique, sociolinguistique, analyse du discours
SH4_10	Philosophy, history of philosophy Philosophie, histoire de la philosophie
SH4_11	Epistemology, logic, philosophy of science Epistémologie, logique, philosophie des sciences
SH4_12	Ethics and morality, bioethics Ethique et moralité, bioéthique
SH5_1	Classics Classiques
SH5_2	History of literature Histoire de la littérature
SH5_3	Literary theory and comparative literature, literary styles Théorie littéraire et littérature comparée, styles littéraires
SH5_4	Textual philology and palaeography Philologie textuelle et paléographie
SH5_5	Visual arts Arts visuels
SH5_6	Performing arts Arts de la scène
SH5_9	Music and musicology, history of music Musique et musicologie, histoire de la musique
SH5_10	History of art and architecture Histoire de l'art et de l'architecture
SH5_11	Cultural studies, cultural diversity Etudes culturelles, diversité culturelle
SH5_12	Cultural memory, intangible cultural heritage Mémoire culturelle, patrimoine culturel immatériel
FNRS-10	Religious sciences, humanism or secularism, freemasonry Sciences des religions, laïcité, franc-maçonnerie
FNRS-11	Theology Théologie
FNRS-12	Logic and argumentation Logique et argumentation
FNRS-13	Live performing arts, cultural communication Arts du spectacle vivant, communication culturelle
FNRS-14	Cultural management Gestion culturelle
FNRS-15	Cinema and visual communication Cinéma et communication visuelle
FNRS-16	Architecture Architecture
FNRS-35	Second language teaching and learning, lexicography, terminology Enseignement et apprentissage d'une deuxième langue, lexicographie, terminologie
IDR-32	Gender Studies Etudes de genre

SHS-4	Sciences Humaines et sociales – 4 Human and Social Sciences – 4
	archaeology, history (based on ERC-SH6) archéologie, histoire (basé sur ERC-SH6)
SH6_1	Archaeology, archaeometry, landscape archaeology Archéologie, archéométrie, archéologie du paysage
SH6_2	Prehistory and protohistory Préhistoire et protohistoire
SH6_3	Ancient history, ancient cultures Histoire ancienne, culture ancienne
SH6_4	Medieval history Histoire médiévale
SH6_5	Modern and contemporary history Histoire moderne et contemporaine
SH6_6	Colonial history, entangled histories, global history Histoire coloniale, histoires enchevêtrées, histoire mondiale
SH6_7	Military history Histoire militaire
SH6_8	Historiography, theory and methods of history Historiographie, théories et méthodes de l'histoire
SH6_9	History of ideas, intellectual history Histoire des idées, histoire intellectuelle
SH6_10	Social, economic, cultural and political history Histoire sociale, économique, culturelle et politique
SH6_11	Collective memories, identities, lieux de mémoire, oral history Mémoires collectives, identités, lieux de mémoire, histoire orale
SH6_12	Cultural heritage Patrimoine culturel
SH2_14	History of science and technology Histoire de la science et des technologies
SH5_7	Museums and exhibitions Musées et expositions
FNRS-10	Religious sciences, humanism or secularism, freemasonry Sciences des religions, laïcité, franc-maçonnerie
FNRS-17	Economic history Histoire économique
FNRS-18	Numismatics, epigraphy and paleography Numismatique, épigraphie et paléographie
FNRS-19	History of music Histoire de la musique
FNRS-20	History of art Histoire de l'art
FNRS-21	History of architecture and urbanism Histoire de l'architecture et de l'urbanisme
FNRS-24	Demographic history Démographie historique
IDR-32	Gender Studies Etudes de genre

SHS-5	Sciences Humaines et sociales – 5 Human and Social Sciences – 5
	economics, finance and management; law; environmental studies, demography, social geography, urban and regional studies (based on ERC-SH1, ERC-SH2 and ERC-SH3) économie, finance et gestion; droit; études environnementales, démographie, géographie sociale, études urbaines et régionales (basé sur ERC-SH1, ERC-SH2 et ERC-SH3)
SH1_1	Macroeconomics, growth, business cycles Macroéconomie, croissance, cycles économiques
SH1_2	Microeconomics, institutional economics Microéconomie, économie institutionnelle
SH1_3	Econometrics, statistical methods Econométrie, méthodes statistiques
SH1_4	Financial markets, banking and corporate finance Marchés financiers, banque, finance d'entreprise
SH1_5	Competitiveness, innovation, research and development Compétitivité, innovation, recherche et développement
SH1_6	Consumer choice, behavioural economics, marketing Décisions de consommation, économie comportementale, marketing
SH1_7	Organization studies, strategy Théories des structures, stratégie
SH1_8	Human resource management, employment and earnings Gestion des ressources humaines, emploi et revenus
SH1_9	Public administration, public economics Administration publique, économie publique
SH1_10	Income distribution, poverty Répartition des revenus, pauvreté
SH1_11	International trade, economic geography Commerce international, économie géographique
SH1_12	Economic history, development Histoire économique, développement
SH2_9	Legal systems, constitutions, foundations of law Systèmes juridiques, constitutions, fondements du droit
SH2_10	Private, public and social law Droits privé, public et social
SH2_11	Global and transnational governance, international law, human rights Gouvernance mondiale et transnationale, droit international, droits de l'homme
SH3_1	Environment and sustainability Environnement et développement durable
SH3_6	Spatial and regional planning Aménagement de l'espace et du territoire
SH3_7	Population dynamics Dynamique des populations
SH3_8	Urbanization and urban planning, cities Urbanisation et aménagement urbain, villes
SH3_9	Mobility and transportation Mobilité et transport
FNRS-2	Criminology Criminologie
	transdisciplinary research aiming at addressing a problem related to society cohesion and evolution (in any aspect: economical, societal, philosophical, historical, ...) recherche transdisciplinaire dont l'objectif est de s'attaquer à un problème en rapport avec la cohésion et l'évolution de la société (aspects économiques, sociétaux, philosophiques, historiques, ...)
IDR-2	Lifespan education Education tout au long de la vie
IDR-3	Ageing population Vieillesse de la population
IDR-4	Social and geographical mobility Mobilité sociale et géographique
IDR-5	migration, integration Migration, intégration
IDR-7	Public health, health policies Santé publique, politiques de santé
IDR-10	Regional development Développement régional
IDR-11	European integration Intégration européenne
IDR-12	Consumer Consommation
IDR-32	Gender Studies Etudes de genre

SCIENCES EXACTES ET NATURELLES
EXACT AND NATURAL SCIENCES

SEN-1	Sciences Exactes et Naturelles – 1 Exact and Natural Sciences – 1
	structure, electronic properties, fluids, nanosciences (based on ERC-PE3) structure, propriétés électroniques, fluides, nanosciences (basé sur ERC-PE3)
PE3_1	Structure of solids and liquids Structure des solides et des liquides
PE3_2	Mechanical and acoustical properties of condensed matter Propriétés mécaniques et acoustiques de la matière condensée
PE3_3	Thermal properties of condensed matter Propriétés thermiques de la matière condensée
PE3_4	Transport properties of condensed matter Propriétés de transport de la matière condensée
PE3_5	Electronic properties of materials and transport Propriétés électroniques des matériaux et du transport
PE3_6	Lattice dynamics Dynamique réticulaire
PE3_7	Semiconductors Semi-conducteurs
PE3_8	Superconductivity Supraconduction
PE3_9	Superfluids Superfluides
PE3_10	Spintronics Spintronique
PE3_11	Magnetism Magnétisme
PE3_12	Nanophysics: nanoelectronics, nanophotonics, nanomagnetism Nanophysique : nanoélectronique, nanophotonique, nanomagnétisme
PE3_13	Mesoscopic physics Physique mésoscopique
PE3_14	Molecular electronics Electronique moléculaire
PE3_15	Soft condensed matter (liquid crystals...) Matière condensée molle (cristaux liquides...)
PE3_16	Fluid dynamics (physics) Dynamiques des fluides (physique)
PE3_17	Statistical physics (condensed matter) Physique statistique (matière condensée)
PE3_18	Phase transitions, phase equilibria Changements de phase, équilibre de phases
PE3_19	Biophysics Biophysique
	analytical chemistry, chemical theory, physical chemistry/chemical physics (based on ERC-PE4) chimie analytique, chimie théorique, physico-chimie/chimie physique (basé sur ERC-PE4)
PE4_1	Physical chemistry Physico-chimie
PE4_2	Nanochemistry Nanochimie
PE4_3	Spectroscopic and spectrometric techniques Techniques spectroscopiques et spectrométriques
PE4_4	Molecular architecture and Structure Structure et architecture moléculaires
PE4_5	Surface science Sciences des surfaces
PE4_6	Analytical chemistry Chimie analytique
PE4_7	Chemical physics Chimie physique
PE4_8	Chemical instrumentation Instrumentation de chimie
PE4_9	Electrochemistry, electrodialysis, microfluidics Electrochimie, électrolyse, microfluidique
PE4_10	Combinatorial chemistry Chimie combinatoire
PE4_11	Method development in chemistry Développement de méthodes en chimie
PE4_12	Catalysis Catalyse
PE4_13	Physical chemistry of biological systems Physicochimie des systèmes biologiques
PE4_14	Chemical reactions: mechanisms, dynamics, kinetics and catalytic reactions Réactions chimiques : mécanismes, dynamique, cinétique et réactions catalytiques

PE4_15	Theoretical and computational chemistry Chimie théorique et numérique
PE4_16	Radiation chemistry Radiochimie
PE4_17	Nuclear chemistry Chimie nucléaire
PE4_18	Photochemistry Photochimie
	materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry (based on ERC-PE5) synthèse des matériaux, relations structure-propriétés, matériaux fonctionnels et avancés, architecture moléculaire, chimie organique (basé sur ERC-PE5)
PE5_1	Structural properties of materials Propriétés structurales des matériaux
PE5_2	Solid state materials Matériaux solides
PE5_3	Surface modification Modifications de surface
PE5_4	Thin films Couches minces
PE5_5	Corrosion Corrosion
PE5_6	Porous materials Matériaux poreux
PE5_7	Ionic liquids Liquides ioniques
PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors Nouveaux matériaux : oxydes, alliages, composites, hybrides organiques-inorganiques, supraconducteurs
PE5_9	Materials for sensors Matériaux pour capteurs
PE5_10	Nanomaterials: nanoparticles, nanotubes Nanomatériaux : nanoparticules, nanotubes
PE5_11	Biomaterials synthesis Biomatériaux de synthèse
PE5_12	Intelligent materials – self assembled materials Matériaux intelligents - matériaux auto-assemblés
PE5_13	Environment chemistry Chimie environnementale
PE5_14	Coordination chemistry Chimie de coordination
PE5_15	Colloid chemistry Chimie des colloïdes
PE5_16	Biological chemistry Chimie biologique
PE5_17	Chemistry of condensed matter Chimie de la matière condensée
PE5_18	Homogeneous and heterogeneous catalysis Catalyse homogène et hétérogène
PE5_19	Characterization methods of materials Techniques de caractérisation des matériaux
PE5_20	Macromolecular chemistry Chimie macromoléculaire
PE5_21	Polymer chemistry Chimie des polymères
PE5_22	Supramolecular chemistry Chimie supramoléculaire
PE5_23	Organic chemistry Chimie organique
PE5_24	Molecular chemistry Chimie moléculaire
FNRS-22	Materials for architecture Matériaux pour l'architecture
FNRS-23	Materials for dentistry Matériaux pour la dentisterie

SEN-2	Sciences Exactes et Naturelles – 2 Exact and Natural Sciences – 2
	all areas of mathematics, pure and applied, plus mathematical foundations of computer science, mathematical physics and statistics (based on ERC-PE1) tous les domaines des mathématiques, pures et appliquées, plus les fondements mathématiques des sciences informatiques, la physique mathématique et les statistiques (basé sur ERC-PE1)
PE1_1	Logic and foundations of mathematics Logique et mathématiques de base
PE1_2	Algebra Algèbre
PE1_3	Number theory Théorie des nombres
PE1_4	Algebraic and complex geometry Géométrie algébrique et complexe
PE1_5	Geometry Géométrie
PE1_6	Topology Topologie
PE1_7	Lie groups, Lie algebras Groupes de Lie, algèbre de Lie
PE1_8	Analysis Analyse
PE1_9	Operator algebras and functional analysis Opérateurs algébriques, analyse fonctionnelle
PE1_10	ODE and dynamical systems EDO et systèmes dynamiques
PE1_11	Partial differential equations Equations aux dérivées partielles
PE1_12	Mathematical physics Physique mathématique
PE1_13	Probability and statistics Probabilités et statistiques
PE1_14	Combinatorics Combinatoire
PE1_15	Mathematical aspects of computer science Aspects mathématiques des sciences informatiques
PE1_16	Numerical analysis and scientific computing Analyse numérique et informatique scientifique
PE1_17	Control theory and optimization Théorie du contrôle et optimisation
PE1_18	Application of mathematics in sciences Application des mathématiques en sciences
	particle, nuclear, plasma, atomic, molecular, gas, and optical physics (based on ERC-PE2) physique des particules, nucléaire, des plasmas, atomique, moléculaire, des gaz, optique (basé sur ERC-PE2)
PE2_1	Fundamental interactions and fields Interactions fondamentales et champs
PE2_2	Particle physics Physique des particules
PE2_3	Nuclear physics Physique nucléaire
PE2_4	Nuclear astrophysics Astrophysique nucléaire
PE2_5	Gas and plasma physics Physique des gaz et des plasmas
PE2_6	Electromagnetism Electromagnétisme
PE2_7	Atomic, molecular physics Physique atomique et moléculaire
PE2_8	Optics and quantum optics Optique et optique quantique
PE2_9	Lasers and laser physics Lasers et physique des lasers
PE2_10	Acoustics Acoustique
PE2_11	Relativity Relativité
PE2_12	Classical physics Physique classique
PE2_13	Thermodynamics Thermodynamique
PE2_14	Non-linear physics Physique non-linéaire
PE2_15	General physics Physique générale

PE2_16	Metrology and measurement Métrologie et mesures
PE2_17	Statistical physics (gases) Physique statistique (gaz)
	solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology; space science, instrumentation (based on ERC-PE9) astro-physique/chimie/biologie; système solaire, astronomie stellaire, galactique et extra-galactique; systèmes planétaires, cosmologie; sciences de l'espace, instrumentation (basé sur ERC-PE9)
PE9_1	Solar and interplanetary physics Physique solaire et interplanétaire
PE9_2	Planetary systems sciences Sciences des systèmes planétaires
PE9_3	Interstellar medium Milieu interstellaire
PE9_4	Formation of stars and planets Formation des étoiles et des planètes
PE9_5	Astrobiology Astrobiologie
PE9_6	Stars and stellar systems Étoiles et systèmes stellaires
PE9_7	The Galaxy La Galaxie
PE9_8	Formation and evolution of galaxies Formation et évolution des galaxies
PE9_9	Clusters of galaxies and large scale structures Amas de galaxies et structures de grande échelle
PE9_10	High energy and particles astronomy – X-rays, cosmic rays, gamma rays, neutrinos Astronomie des hautes énergies et des particules - rayons X, rayons cosmiques, rayons gamma, neutrinos
PE9_11	Relativistic astrophysics Astrophysique relativiste
PE9_12	Dark matter, dark energy Matière noire, énergie noire
PE9_13	Gravitational astronomy Astronomie gravitationnelle
PE9_14	Cosmology Cosmologie
PE9_15	Space Sciences Sciences de l'espace
PE9_16	Very large data bases: archiving, handling and analysis Très grandes bases de données : archivage, gestion, analyse
PE9_17	Instrumentation - telescopes, detectors and techniques Instrumentation - télescopes, détecteurs et techniques
PE9_18	Solar planetology Planétologie du système solaire

SEN-3	Sciences Exactes et Naturelles – 3 Exact and Natural Sciences – 3
	informatics and information systems, computer science, scientific computing, intelligent systems (based on ERC-PE6) systèmes informatiques et d'information, informatique, calcul scientifique, systèmes intelligents (basé sur ERC-PE6)
PE6_1	Computer architecture Architecture informatique
PE6_2	Database management Gestion de bases de données
PE6_3	Formal methods Méthodes formelles
PE6_4	Graphics and image processing Représentation graphique et traitement de l'image
PE6_5	Human computer interaction and interface Interaction et interface homme-ordinateur
PE6_6	Informatics and information systems Systèmes informatique et d'information
PE6_7	Theoretical computer science including quantum information Informatique théorique y compris l'information quantique
PE6_8	Intelligent systems Systèmes intelligents
PE6_9	Scientific computing Informatique scientifique
PE6_10	Modelling tools Outils de modélisation
PE6_11	Multimedia Multimedia
PE6_12	Parallel and distributed computing Informatique parallèle et distribuée
PE6_13	Speech recognition Reconnaissance vocale
PE6_14	Systems and software Système et logiciel
	electronic, communication, optical and systems engineering (based on ERC-PE7) électronique, communication et ingénierie des systèmes (basé sur ERC-PE7)
PE7_1	Control engineering Automatique
PE7_2	Electrical and electronic engineering: semiconductors, components, systems Ingénierie électrique et électronique : semi-conducteurs, composants, systèmes
PE7_4	Simulation engineering and modelling Ingénierie en simulation, et modélisation
PE7_5	Systems engineering, sensorics, automation Ingénierie des systèmes, capteurs, automatisation
PE7_6	Micro- and nanoelectronics, optoelectronics Micro- et nanoélectronique, optoélectronique
PE7_7	Communication technology, high-frequency technology Technologie des communications, technologie des hautes fréquences
PE7_8	Signal processing Traitement du signal
PE7_9	Networks Réseaux
PE7_10	Man-machine-interfaces Interfaces homme-machine
PE7_11	Robotics Robotique
	product design, process design and control, construction methods, civil engineering, energy systems, material engineering (based on ERC-PE8) conception de produits, conception et contrôle des procédés, méthodes de construction, génie civil, systèmes énergétiques, ingénierie des matériaux (basé sur ERC-PE8)
PE8_1	Aerospace engineering Ingénierie aérospatiale
PE8_2	Chemical engineering, technical chemistry génie chimique, chimie technique
PE8_3	Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment Génie civil, génie maritime/hydraulique, géotechnique, traitement des déchets
PE8_4	Computational engineering Ingénierie par l'informatique
PE8_5	Fluid mechanics, hydraulic-, turbo-, and piston engines Mécanique des fluides, moteurs hydrauliques, turbo et à pistons
PE8_6	Energy systems (production, distribution, application) Systèmes énergétiques (production, distribution, application)
PE8_7	Micro(system) engineering, micro-ingénierie (des systèmes)

PE8_8	Mechanical and manufacturing engineering (shaping, mounting, joining, separation) Ingénierie mécanique et de fabrication (mise en forme, montage, assemblage, séparation)
PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...) Ingénierie des matériaux (biomatériaux, métaux, céramiques, polymères, composites,...)
PE8_10	Production technology, process engineering Technologie de la production, ingénierie des procédés
PE8_11	Product design, ergonomics, man-machine interfaces Design de produit, ergonomie, interface homme-machine
PE8_12	Lightweight construction, textile technology Construction légère, technologie textile
PE8_13	Industrial bioengineering Bioingénierie industrielle
PE8_14	Industrial biofuel production Production industrielle de biocarburants

SEN-4	Sciences Exactes et Naturelles – 4 Exact and Natural Sciences – 4
	physical geography, geology, geophysics, meteorology, oceanography, climatology, ecology, global environmental change, biogeochemical cycles, natural resources management (based on ERC-PE10) géographie physique, géologie, géophysique, météorologie, océanographie, climatologie, écologie, changements environnementaux à l'échelle planétaire, cycles biogéochimiques, gestion des ressources naturelles (basé sur ERC-PE10)
PE10_1	Atmospheric chemistry, atmospheric composition, air pollution Chimie de l'atmosphère, composition de l'atmosphère, pollution de l'air
PE10_2	Meteorology, atmospheric physics and dynamics Météorologie, physique atmosphérique, dynamique de l'atmosphère
PE10_3	Climatology and climate change Climatologie et changement climatique
PE10_4	Terrestrial ecology, land cover change, Ecologie terrestre, modifications de l'occupation du sol
PE10_5	Geology, tectonics, volcanology, Géologie, tectonique, volcanologie
PE10_6	Paleoclimatology, paleoecology Paléoclimatologie, paléoécologie
PE10_7	Physics of earth's interior, seismology, volcanology Physique de l'intérieur de la terre, sismologie, volcanologie
PE10_8	Oceanography (physical, chemical, biological) Océanographie (physique, chimique, biologique)
PE10_9	Biogeochemistry, biogeochemical cycles, environmental chemistry Biogéochimie, cycles biogéochimiques, chimie environnementale
PE10_10	Mineralogy, petrology, igneous petrology, metamorphic petrology Minéralogie, pétrographie, pétrographie des roches ignées, pétrographie des roches métamorphiques
PE10_11	Geochemistry, crystal chemistry, isotope geochemistry, thermodynamics, Géochimie, chimie des cristaux, géochimie des isotopes, thermodynamique
PE10_13	Sedimentology, soil science, palaeontology, earth evolution Sédimentologie, sciences du sol, paléontologie, évolution de la terre
PE10_14	Physical geography Géographie physique
PE10_15	Earth observations from space/remote sensing Observations de la terre depuis l'espace/ télédétection
PE10_16	Geomagnetism, paleomagnetism Géomagnétisme, paléomagnétisme
PE10_17	Ozone, upper atmosphere, ionosphere Ozone, haute atmosphère, ionosphère
PE10_18	Hydrology, water and soil pollution Hydrologie, pollution de l'eau et du sol
	evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology, eco-toxicology, prokaryotic biology (based on ERC-LS8) évolution, écologie, comportement animal, biologie des populations, biodiversité, biogéographie, biologie marine, écotoxicologie, biologie des procaryotes (basé sur ERCLS8)
LS8_1	Ecology (theoretical, community, population, microbial, evolutionary ecology) Ecologie (théorique, communautaire, des populations, microbienne, de l'évolution)
LS8_2	Population biology, population dynamics, population genetics, plant-animal interactions Biologie des populations, dynamique des populations, génétique des populations, interactions plantes-animaux
LS8_3	Systems eEvolution, biological adaptation, phylogenetics, systematics Evolution des systèmes, adaptation biologique, phylogénétique, systématique
LS8_4	Biodiversity, comparative biology Biodiversité, biologie comparée
LS8_5	Conservation biology, ecology, genetics Biologie de la conservation, écologie, génétique
LS8_6	Biogeography Biogéographie
LS8_7	Animal behaviour (behavioural ecology, animal communication) Comportement animal (écologie comportementale, communication animale)
LS8_8	Environmental and marine biology Biologie environnementale et biologie marine
LS8_9	Environmental toxicology Toxicologie environnementale
LS8_10	Prokaryotic biology Biologie des procaryotes
LS8_11	Symbiosis Symbiose

	agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation (based on ERC-LS9) sciences de l'agriculture, des animaux, de la pêche, de la sylviculture et des aliments; biotechnologie, biologie chimique, génie génétique, biologie synthétique, biosciences industrielles, biotechnologie environnementale et remédiation (basé sur ERC-LS9)
LS9_1	Genetic engineering, transgenic organisms, recombinant proteins, biosensors Génie génétique, organismes transgéniques, protéines recombinantes, biocapteurs
LS9_2	Synthetic biology and new bio-engineering concepts Biologie synthétique et nouveaux concepts en bio-ingénierie
LS9_3	Agriculture related to animal husbandry, dairying, livestock raising Agriculture liée à la zootechnie, les laiteries et à l'élevage du bétail
LS9_4	Aquaculture, fisheries Aquaculture, pêche
LS9_5	Agriculture related to crop production, soil biology and cultivation, applied plant biology Agriculture en rapport avec la production de récoltes, biologie du sol et la culture, biologie végétale appliquée
LS9_6	Food sciences Sciences des aliments
LS9_7	Forestry, biomass production (e.g. for biofuels) Sylviculture, production de biomasse (ex : pour les biocarburants)
LS9_8	Environmental biotechnology, bioremediation, biodegradation Biotechnologie de l'environnement, bioremédiation, biodégradation
LS9_9	Biotechnology, bioreactors, applied microbiology Biotechnologie, bioréacteurs, microbiologie appliquée
LS9_10	Biomimetics Biomimétique
LS9_11	Biohazards, biological containment, biosafety, biosecurity Risques biologiques, confinement biologique, biosureté, biosécurité

SCIENCES DE LA VIE ET DE LA SANTE
LIFE AND HEALTH SCIENCES

SVS-1	Sciences de la Vie et de la Santé – 1 Life and Health Sciences – 1
	molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction (based on ERC-LS1) biologie moléculaire, biochimie, biophysique, biologie structurale, biochimie de la transduction du signal (basé sur ERC-LS1)
LS1_1	Molecular biology and interactions Biologie moléculaire et interactions
LS1_2	General biochemistry and metabolism Biochimie générale et métabolisme
LS1_3	DNA biosynthesis, modification, repair and degradation Biosynthèse, modification, réparation et dégradation de l'ADN
LS1_4	RNA synthesis, processing, modification and degradation Synthèse, maturation, modification et dégradation de l'ARN
LS1_5	Protein synthesis, modification and turnover Synthèse, modification et renouvellement des protéines
LS1_6	Biophysics Biophysique
LS1_7	Structural biology (crystallography, NMR, EM) Biologie structurale (cristallographie, RMN, microscopie électronique)
LS1_8	Biochemistry of signal transduction Biochimie de transmission des signaux
	genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics, metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, systems biology, genetic epidemiology (based on ERC-LS2) génétique, génétique des populations, génétique moléculaire, génomique, transcriptomique, protéomique, métabolomique, bioinformatique, biologie numérique, biostatistique, simulation et modélisation biologiques, systèmes biologiques, épidémiologie génétique (basé sur ERC-LS2)
LS2_1	Genomics, comparative genomics, functional genomics Génomique, génomique comparée, génomique fonctionnelle
LS2_2	Transcriptomics Transcriptomique
LS2_3	Proteomics Protéomique
LS2_4	Metabolomics Métabolomique
LS2_5	Glycomics Glycomique
LS2_6	Molecular genetics, reverse genetics and RNAi Génétique moléculaire, génétique inverse et interférence ARN
LS2_7	Quantitative genetics Génétique quantitative
LS2_8	Epigenetics and gene regulation Epigénétique et régulation génétique
LS2_9	Genetic epidemiology Epidémiologie génétique
LS2_10	Bioinformatics Bioinformatique
LS2_11	Computational biology Biologie numérique
LS2_12	Biostatistics Biostatistique
LS2_13	Systems biology Biologie des systèmes
LS2_14	Biological systems analysis, modelling and simulation Analyse, modélisation et simulation des systèmes biologiques
FNRS-30	Genetic diagnostic tools, pharmacogenetics Outils de diagnostic génétique, pharmacogénomique
	cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals (based on ERC-LS3) biologie cellulaire, physiologie cellulaire, transduction du signal, organogenèse, génétique du développement, plan d'organisation chez les plantes et les animaux (basé sur ERC-LS3)
LS3_1	Morphology and functional imaging of cells Morphologie et imagerie fonctionnelle des cellules
LS3_2	Cell biology and molecular transport mechanisms Biologie cellulaire et mécanismes de transport moléculaires
LS3_3	Cell cycle and division Cycle cellulaire et division
LS3_4	Apoptosis Apoptose

LS3_5	Cell differentiation, physiology and dynamics Différenciation, physiologie et dynamique cellulaires
LS3_6	Organelle biology Biologie des organites
LS3_7	Cell signalling and cellular interactions Signalisation de cellules et interactions cellulaires
LS3_8	Signal transduction Transmission des signaux
LS3_9	Development, developmental genetics, pattern formation and embryology in animals Développement, génétique du développement, plan d'organisation et embryologie chez les animaux
LS3_10	Development, developmental genetics, pattern formation and embryology in plants Développement, génétique du développement, plan d'organisation et embryologie chez les végétaux
LS3_11	Cell genetics Génétique cellulaire
LS3_12	Stem cell biology Biologie des cellules souches
FNRS-36	Stem cell therapy, regenerative medicine Thérapie à base de cellules souches, médecine régénératrice

SVS-2	Sciences de la Vie et de la Santé – 2 Life and Health Sciences – 2
	organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome (based on ERC-LS4) physiologie des organes, physiopathologie, endocrinologie, métabolisme, vieillissement, régénération, tumorigénèse, maladies cardio-vasculaires, syndrome métabolique (basé sur ERC-LS4)
LS4_1	Organ physiology Physiologie des organes
LS4_2	Comparative physiology Physiologie comparée
LS4_3	Endocrinology and its biological basis Endocrinologie et ses bases biologiques
LS4_4	Ageing and its biological basis Vieillesse et ses bases biologiques
LS4_5	Metabolism, biological basis of metabolism related disorders Métabolisme, bases biologiques des troubles du métabolisme
LS4_6	Cancer and its biological basis Cancer et ses bases biologiques
LS4_7	Cardiovascular diseases and its biological basis Maladies cardio-vasculaires et ses bases biologiques
LS4_8	Non-communicable diseases (except for neural/psychiatric, immunity-related, metabolism-related disorders, cancer and cardiovascular diseases) Maladies non-transmissibles (sauf maladies neuro-psychiatriques, maladies immunitaires, troubles du métabolisme, cancer et maladies cardio-vasculaires)
	immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine (based on ERC-LS6) immunobiologie, étiologie des troubles immunitaires, microbiologie, virologie, parasitologie, maladies infectieuses à l'échelle de la planète et autres, dynamique de population des maladies infectieuses, médecine vétérinaire (basé sur ERC-LS6)
LS6_1	Innate immunity Immunité innée
LS6_2	Adaptive immunity Immunité adaptative
LS6_3	Phagocytosis and cellular immunity Phagocytose et immunité cellulaire
LS6_4	Immunosignalling Signalisation de la réponse immunitaire
LS6_5	Immunological memory and tolerance Mémoire immunitaire et immunotolérance
LS6_6	Immunogenetics Immunogénétique
LS6_7	Microbiology Microbiologie
LS6_8	Virology Virologie
LS6_9	Bacteriology Bactériologie
LS6_10	Parasitology Parasitologie
LS6_11	Prevention and treatment of infection by pathogens (e.g. vaccination, antibiotics, fungicide) Prévention et traitement des infections à agents pathogènes (ex. vaccination, antibiotiques, fongicides)
LS6_12	Biological basis of immunity related disorders Bases biologiques des troubles immunitaires
LS6_13	Veterinary medicine Médecine vétérinaire

SVS-3	Sciences de la Vie et de la Santé – 3 Life and Health Sciences – 3
	neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry (based on ERCLS5) neurobiologie, neuroanatomie, neurophysiologie, neurochimie, neuropharmacologie, imagerie cérébrale, neurosciences des systèmes, troubles neurologiques, psychiatrie (basé sur ERC-LS5)
LS5_1	Neuroanatomy and neurosurgery Neuroanatomie et neurochirurgie
LS5_2	Neurophysiology Neurophysiologie
LS5_3	Neurochemistry and neuropharmacology Neurochimie et neuropharmacologie
LS5_4	Sensory systems (e.g. visual system, auditory system) Système sensoriel (ex : système visuel, système auditif)
LS5_5	Mechanisms of pain Mécanismes de la douleur
LS5_6	Developmental neurobiology Neurobiologie du développement
LS5_7	Cognition (e.g. learning, memory, emotions, speech) Cognition (ex : apprentissage, mémoire, émotions, discours)
LS5_8	Behavioral neuroscience (e.g. sleep, consciousness, handedness) Neurosciences comportementale (ex : sommeil, conscience, latéralisation)
LS5_9	Systems neuroscience Neurosciences des systèmes
LS5_10	Neuroimaging and computational neuroscience Imagerie neurologique et informatique pour les neurosciences
LS5_11	Neurological disorders (e.g. Alzheimer's disease, Huntington's disease, Parkinson's disease) Troubles neurologiques (ex : maladie d'Alzheimer, maladie de Huntington, maladie de Parkinson)
LS5_12	Psychiatric disorders (e.g. schizophrenia, autism, Tourette's syndrome, obsessive-compulsive disorder, depression, bipolar disorder, attention deficit hyperactivity disorder) Troubles psychiatriques (ex : schizophrénie, autisme, syndrome de Tourette, troubles obsessionnels compulsifs, dépression, troubles bipolaires, troubles de l'attention avec hyperactivité)

SVS-4	Sciences de la Vie et de la Santé – 4 Life and Health Sciences – 4
	aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacy, pharmacology, clinical medicine, regenerative medicine, medical ethics (based on ERC-LS7) étiologie, diagnostic et traitement des maladies, santé publique, épidémiologie, pharmacie, pharmacologie, médecine clinique, médecine régénératrice, éthique médicale (basé sur ERC-LS7)
LS7_4	Analgesia Analgésie
LS7_5	Toxicology Toxicologie
LS7_8	Radiation therapy Radiothérapie
LS7_10	Public health and epidemiology Santé publique et épidémiologie
LS7_11	Environment and health risks including radiation Risques sanitaires et environnementaux y compris les radiations
LS7_12	Occupational medicine Médecine du travail
LS7_13	Medical ethics Éthique médicale
FNRS-25	Cell therapy, immunotherapy and immunoprevention Thérapie cellulaire, immunothérapie et immunoprévention
FNRS-26/ FRSM	Translational research <ul style="list-style-type: none"> - <i>Clinical research on cardio-vascular diseases</i> - <i>Clinical research on renal diseases</i> - <i>Clinical research on gastro and hepato logical diseases</i> - <i>Clinical research on rheumatologic diseases</i> - <i>Clinical metabolic syndrome</i> - <i>Clinical research on diabetes</i> - <i>Clinical research on pneumologic diseases</i> - <i>Clinical research in oncology</i> - <i>Medical statistics</i> Recherche translationnelle <ul style="list-style-type: none"> - <i>Recherche clinique : maladies cardio-vasculaires</i> - <i>Recherche clinique : maladies néphrologiques</i> - <i>Recherche clinique : maladies gastro-entérologiques et hépatologiques</i> - <i>Recherche clinique : maladies rhumatismales</i> - <i>Recherche clinique : syndrome métabolique</i> - <i>Recherche clinique : diabète</i> - <i>Recherche clinique : maladies pneumologiques</i> - <i>Recherche clinique : oncologie</i> - <i>Biostatistiques et Statistiques médicales</i>
FNRS-33	Dentistry Dentisterie
FNRS-34	Pharmaceutical sciences Sciences pharmaceutiques
FNRS-37	Medical and pharmaceutical engineering and technology Ingénierie et technologie médicales et pharmaceutiques
FNRS-38	Bioanalysis and diagnostic tools (e.g. : imaging) Bioanalyses et outils de diagnostic (ex : imagerie)
FNRS-39	Pharmacology, drug discovery and design, drug therapy, clinical pharmacology Pharmacologie, découverte et conception de médicaments, thérapie médicamenteuse et pharmacologie clinique
FNRS-40	Surgery and organ transplantation Chirurgie et transplantation d'organes
FNRS-41	Health services, health and pharmaceutical care research Services de santé, recherche en soins de santé et suivi pharmaceutique
FNRS-42	Gynaecology, obstetrics Gynécologie, obstétrique
IDR-32	Gender Studies Etudes de genre

RECHERCHE STRATEGIQUE
STRATEGIC RESEARCH

Foresight	Développement durable Sustainable development
	<p>Tout projet de recherche dont l'objectif est de s'attaquer à un problème en rapport avec le développement durable (aspects sciences de la nature, sciences appliquées, sciences humaines et sociales)</p> <p>Any research project aiming at addressing a problem related to sustainable development (in any aspect: natural sciences, applied sciences, social sciences and humanities)</p>
IDR-13	Environment and sustainability Environnement et développement durable
IDR-14	Environmental regulation and mediation Droit de l'environnement
IDR-15	Social and industrial ecology Ecologie sociale et industrielle
IDR-16	Human and social geography Géographie humaine et sociale
IDR-17	Spatial and regional planning Aménagement de l'espace et du territoire
IDR-18	Population dynamics Dynamique des populations
IDR-19	Urbanization and urban planning Développement urbain
IDR-20	Transportation Transports
IDR-21	Sustainable architecture Architecture durable
IDR-22	Natural resources management Gestion des ressources naturelles
IDR-23	Integrated farming Agriculture raisonnée
IDR-24	Carbon emissions and product life cycle Bilan carbone
IDR-25	Economic growth Croissance économique
IDR-26	Waste management Gestion des déchets
IDR-27	Biodiversity Biodiversité
IDR-28	Decision process Processus de décision
IDR-29	Emerging economies Economies émergentes
IDR-30	Climate change Changement climatique
IDR-31	Energies Energies

Release notes

Sept. 2015 : adding of the descriptor field 'IDR-32 Gender Studies / IDR-32 Etudes de genre'
Sept. 2015 : ajout du champ descripteur 'IDR-32 Gender Studies / IDR-32 Etudes de genre'