ATIP – Avenir Program 2023

Guide for applicants

Important dates

- **November 22nd, 2022**: deadline for the online submission and the letters of recommendation
- **Mid-April 2023**: publication of the short list of candidates to be interviewed
- **Mid-June 2023**: interviews of the selected applicants
- **July 2023**: publication of the final list of laureates
- **From January 2024:** Start of the contract

Summary

Contacts

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A- Eligibility and evaluation criteria:

Eligibility

ATIP-Avenir grants are open to researchers of any nationality who may reside in any country in the world when applying.
Projects must be developed within a CNRS (**Institute of biological sciences**) and/or Inserm host laboratory in France.
An identified host lab is not a pre-requisite for applying to the program.

Applicants must have defended their PhD (or equivalent doctoral degree) for over 2 years and under 8 years **(PhD defence between September 15th, 2014 and September 15th, 2020)**.
The PhD reference date for the calculation of the eligibility period is the date of the successful PhD defence.

The projects have to be developed within a lab in which the applicant:

- has not been working for more than 18 months **(reference date: September 15th, 2022**)
- will not find any previous mentors (of PhD and/or post doctorate).

Laureates of a grant similar to the ATIP-Avenir program are not eligible (e.g. ANR JCJC program to start an independent research group or ERC grants). However, laureates with an ANR JCJC program are eligible to an ATIP-Avenir grant if their ANR contract is finished and if they develop their project in another lab.
Only one application per call is allowed.
Applicants cannot apply for more than two different ATIP-Avenir calls.

Exemptions

Medical doctors
For medical doctors, an MD will not be accepted by itself as equivalent to a PhD award. To be considered, eligible medical doctors (MDs) need to provide the certificates of both basic studies (MD) and a PhD or proof of an appointment that requires doctoral equivalency (e.g. post-doctoral fellowship, professorship appointment). Additionally, candidates must also provide information on their research experience (including peer reviewed publications) in order to substantiate the equivalence of their overall training to a PhD.

Clinical training
For clinicians (Ecole de l'Inserm Liliane Bettencourt,...) extension will be considered according to the documented amount of clinical training received by the Principal Investigator after the award of the first eligible degree and until the call deadline.

Teachers (MCU, MCU-PH, PU, PU-PH)
For teachers, the rule ‘the project has to be developed within a structure in which the scientist has not been working for more than 18 months’ does not apply.

Leaves
For maternity, the effective elapsed time since the award of the PhD will be reduced by 18 months for each child before or after the PhD award.
For paternity, the effective elapsed time since the award of the PhD will be reduced by the amount of paternity leave actually taken for each child born before or after the PhD award.
For national service, the effective elapsed time since the award of the PhD will be reduced by the amount of leave actually taken after the PhD award.

Evaluation

Scientific excellence is the sole criterion based on which ATIP-Avenir grants are awarded.
Candidates should be able to show their early achievements attested by significant publications (as main author) in major international peer-reviewed multidisciplinary scientific journals, or in the leading international peer-reviewed journals of their respective field.

Evaluation criteria:

- Quality of the applicant (background and publications)
- Scientific quality of the research proposal (originality of the project and suitability of the proposed methodology)
- Quality of the management (ability of the applicant to manage the project and a team)

Some universities have expressed interest in joining the program
For more information:

- Université de Lorraine (ISITE LUE) : http://lue.univ-lorraine.fr/fr/article/recruitement-future-leader-young-group-leader-atip-avenir-universite-de-lorraine
- Université de Montpellier (ISITE MUSE) : dred-srech@umontpellier.fr

B- Elements for the application:

6 elements:

1- Online Form (submission website address: https://www.eva3.inserm.fr/login)

2- Curriculum Vitae

3- Scientific file containing the description of your research project

4- PhD diploma

5- Two letters of recommendation

6- Host laboratory and host university document (if identified)

Registration through the Submission Website is mandatory.
https://www.eva3.inserm.fr/login

All the documents and forms must be written in English
You will find all the documents and templates in the field "Candidate information" on the welcome form

C- Details on the elements for the application:

C-1 – Online Form

To be filled in online from October 17th, 2022 to November 22nd, 2022 inclusive

Find below the requested information for the online form

1- Personal Data

Personal Data
- Date of birth
- Nationality
- Civility
- Number of children
- Initial training
- Actual Position
- Organism
- Cell phone number

Laboratory/organization
- Laboratory/organization
- City
- Country
- Name of the director

PhD
- Date of the degree award
- PhD Supervisor
- Country

2- Host laboratory

Have you identified a host laboratory?
Structure requested (if any)
- Institution
- Inserm code
- CNRS code
- Name of laboratory/organization
- City
- Name of the Director
- Starting date

3- Works and projects

Selected panel
- First LS choice
- Second LS choice

Project title *-255 characters-*

Keywords *-255 characters-*free keywords
Abstract *-3000 characters-*

Your 5 main publications
5 main publications

Proposed referees
Indicate some experts (working abroad) for the evaluation
Last name / First name / email

Excluded referees
Indicate the names of up to three reviewers to be excluded from the review process
Last name / First name /email/ Justification (conflicts of interest: direct competitor, collaboration in progress)

4- Requested documents

Scientific file
PhD Diploma
CV

** See below (p 11-12) the research areas (LS) proposed*

C-2 – Curriculum Vitae

Download the **template** from Candidate information on the welcome form.

1- Personal Information

Last name
First name
Gender
Position
Personal postal address
Professional phone number
Email
Date of birth of child(ren)
Date and duration of military service and/or paternity leave

2- Cursus

PhD degree (year, place)
PhD supervisor
Other diplomas (year, place)

3- Professional experience

Degrees
HDR (French habilitation for PhD supervision)

Professional experience: *-2000 characters-*
Describe the PhD, post-doctoral trainings, current position and any additional professional training.
For each position, indicate the period, the Institution, the country and the name of your mentor(s).

Grants: *-1000 characters-*
Indicate the grants obtained as principal investigator

Teaching and supervision experience: *-400 characters-*
University teaching responsibilities (academic year, university, level undergraduate, master, postgraduate)
Supervision

Awards and scientific prizes *-400 characters-*
Names and date

Learned societies *-400 characters-*
Membership(s) of learned societies, discussion groups (period of duty)

4- Institution where you currently work
Title of the research laboratory
Head of the research laboratory
Name and head of the team leader
Postal address of the research laboratory
Date of arrival in this laboratory

C-3 - Scientific file

Download the **template** from **Candidate information on the welcome form**.

Formatting references: please use the reference style outlined by the International Committee of Medical Journal Editors (ICMJE), also referred to as the "Vancouver" style.

Once completed, **upload it in your personal space on the website**

Deadline is November 22nd, 2022

C-4- PhD diploma

To upload on the web site

C-5- Letters of recommendation

Two letters, **written in English,** stating the ability of the candidate to conduct his/her own research project should be sent **directly by their authors** by e-mail to: atip-avenir@inserm.fr

C-6 - Host laboratory and host university document

Applicants may **submit** their proposal **without an identified host laboratory**.

Important: The applicants will have to develop their projects within a Unit
- In France
- In which he/she has not been working for more than 18 months (not before **March 15th 2021**)
- And where he/she will not find any previous mentors (of his/her PhD or Post-Doc)

Download the host laboratory and host university document template from Candidate information on the welcome form.

Once completed and signed by the head of laboratory and by the research vice-president of the university, send it to by e-mail: atip-avenir@inserm.fr

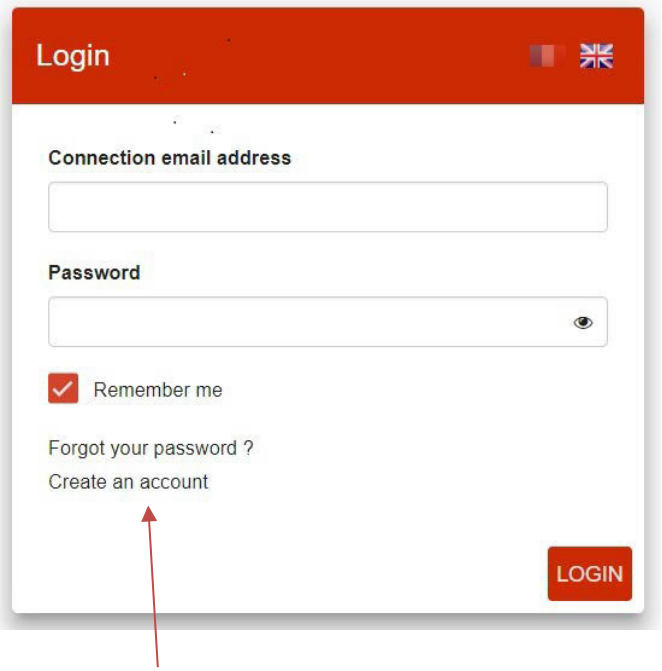
Do not upload it on the EVA3 website

D- Submission of the application

D-1- Registration

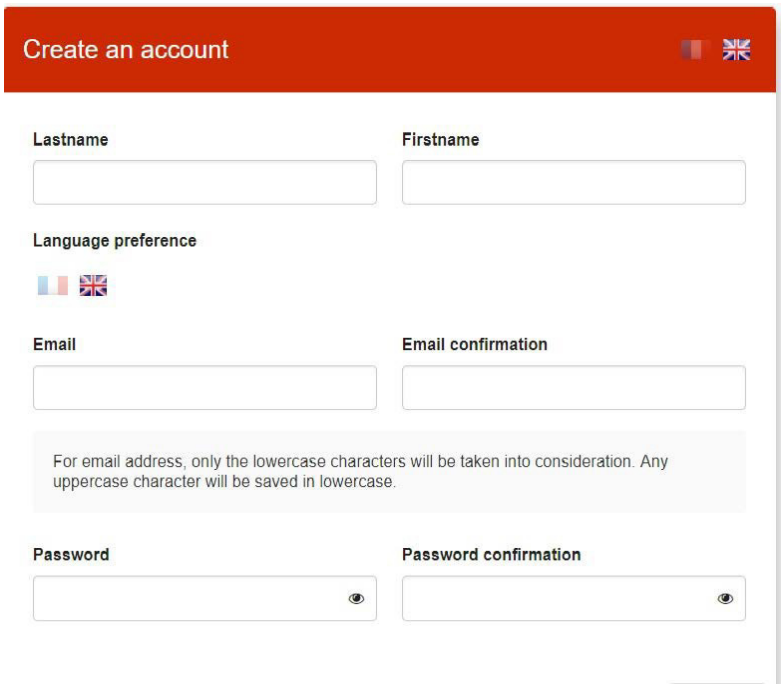
Registration can be done online from October 17th, 2022.

- **Connect to https://www.eva3.inserm.fr/login and follow the steps below**
- **Use preferably : Google Chrome or Mozilla Firefox**
- **The online form must be written in English**

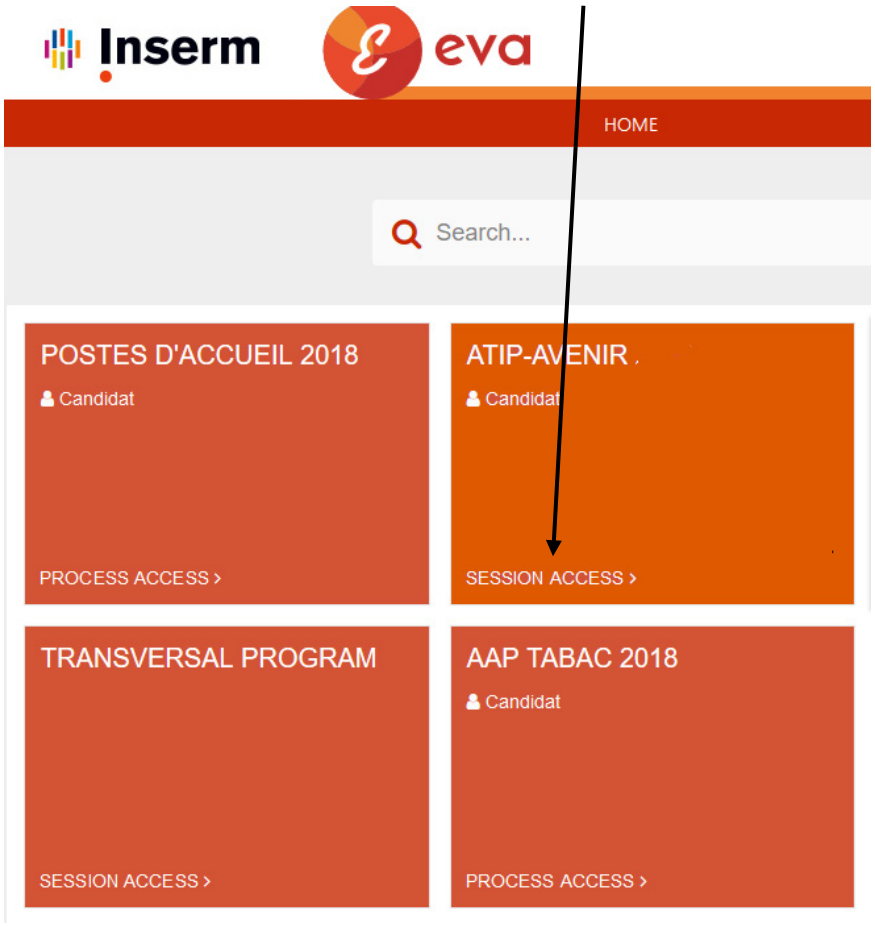


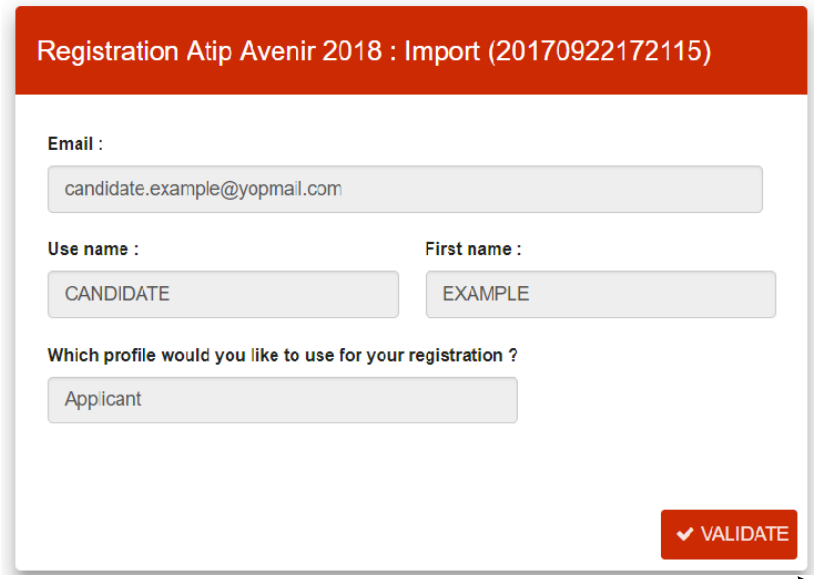
If you don't have an account:

For Inserm researchers the account is already created.
The connection email address (login) is your Inserm e-mail address and the password is the one used for your Inserm e-mail address.



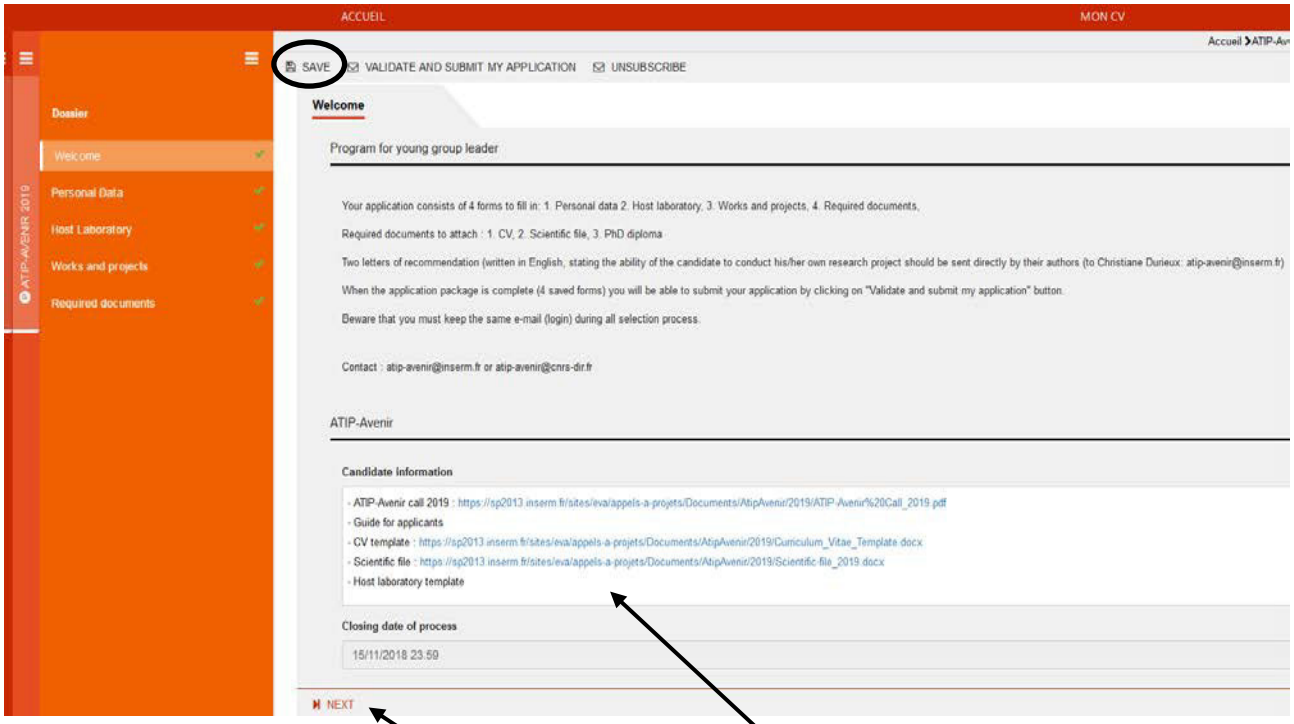
Once you have an account, you can access the ATIP-Avenir session



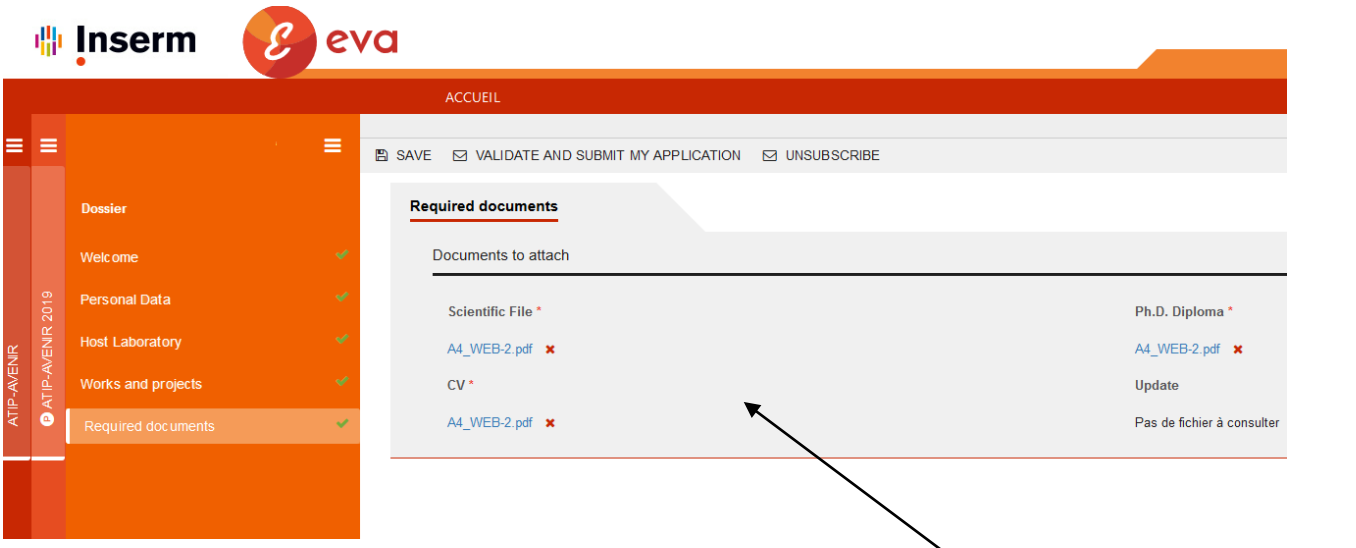


Validate your registration

D-2- Online submission must be completed **by November 22nd, 2022, 11:59 pm**

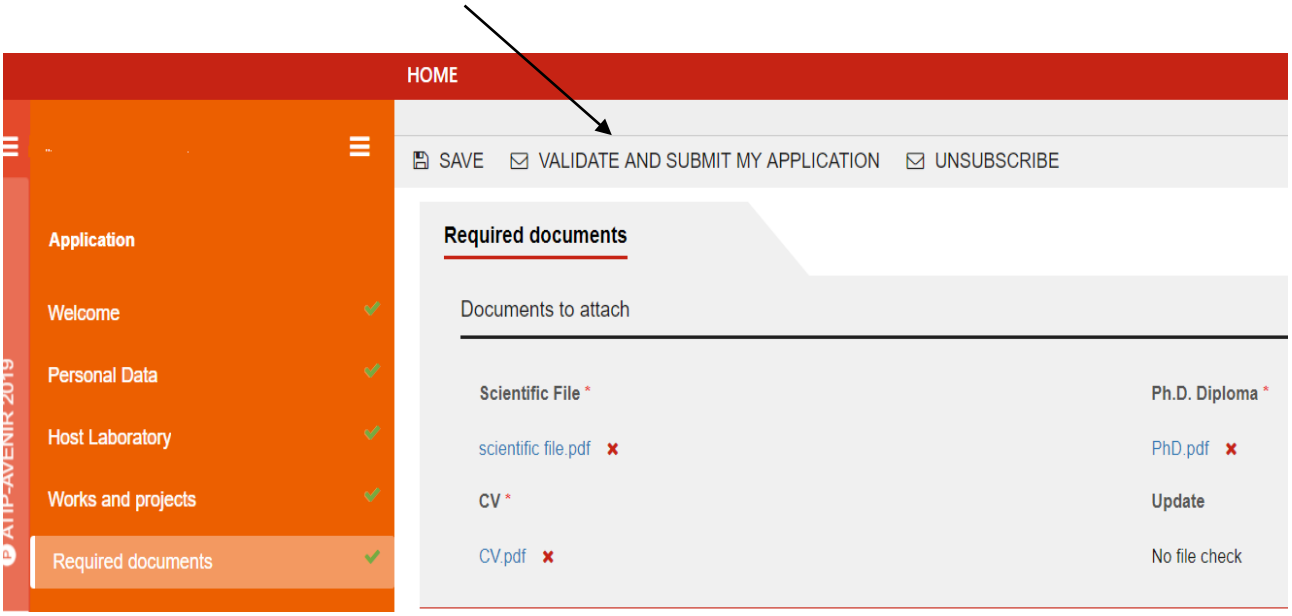


When you save the form (top of the page) or click next, the symbol will turn green ☑ if all items are completed

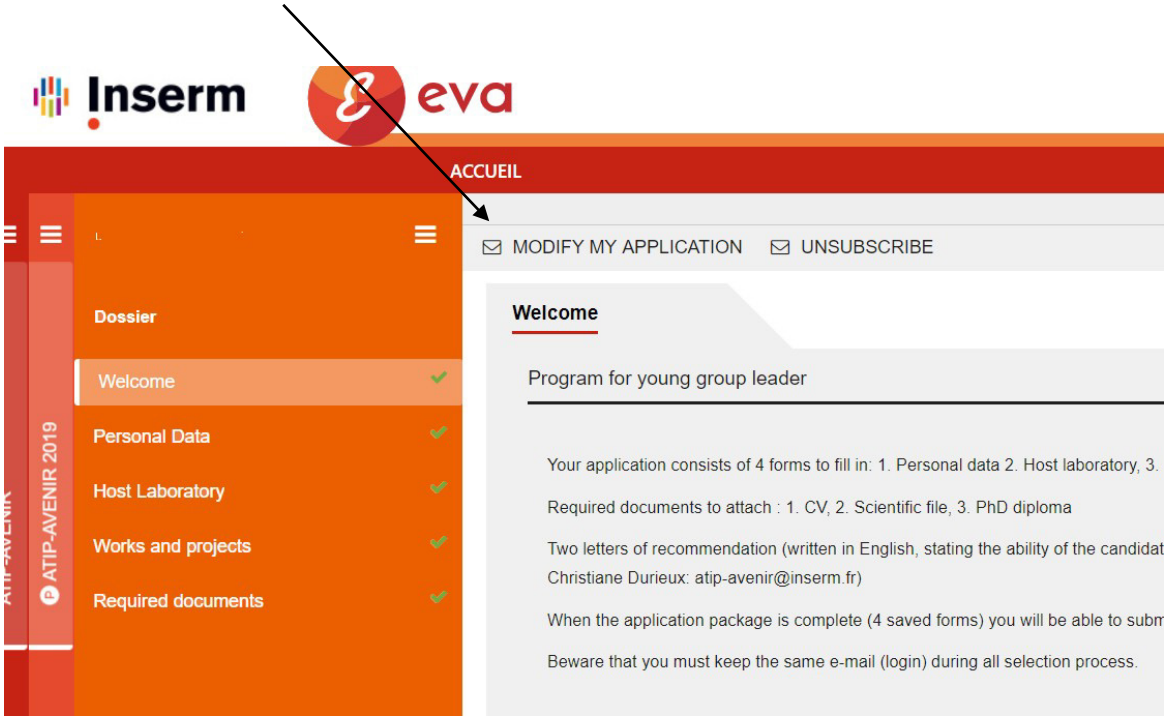


Upload all the documents needed

When all forms are completed, click on Validate and submit my application



You can modify your application until the deadline. **Do not forget to validate your final proposal**



E- Results

After the evaluation of the proposal, you will be informed about the outcome of the evaluations via the Inserm and CNRS websites.

You will be notified by e-mail when this information becomes available.

Feedback on the evaluation will usually be sent within a few months from the publication of the results.

F- ATIP-Avenir Evaluation panels and fields of research covered by the respective panels

LS1 Molecules of Life: Biological Mechanisms, Structures and Functions:

Macromolecular complexes including interactions involving nucleic acids, proteins, lipids and carbohydrates
Biochemistry
DNA and RNA biology; Protein biology; Lipid biology
Glycobiology
Molecular biophysics (e.g. single-molecule approaches, bioenergetics, fluorescence)
Structural biology and its methodologies
Molecular mechanisms of signalling processes
Synthetic biology
Chemical biology
Protein design
Innovative methods and modelling in molecular, structural and synthetic biology

LS2 Integrative Biology: from Genes and Genomes to Systems:

Genetics; Gene editing
Epigenetics; Gene regulation
Genomics; Metagenomics
Transcriptomics; Proteomics; Metabolomics
Glycomics; Lipidomics
Bioinformatics and computational biology;
Systems biology
Biostatistics
Genetic diseases
Innovative methods and modelling in integrative biology

LS3 Cell Biology, Development and Evolution:

Cell cycle, cell division and growth
Cell senescence, cell death, autophagy and cell ageing
Cell differentiation, physiology and dynamics
Cell behaviour, cell shape and cell migration
Cell junctions, cell adhesion, cell communication and the extracellular matrix
Organelle biology and trafficking
Functional imaging of cells and tissues
Tissue organisation and morphogenesis
Mechanobiology of cells, tissues and organs
Stem cell and organoid biology
Developmental and evolutionary genetics
Evolution of developmental mechanisms and strategies

LS4 Physiology in Health, Disease and Ageing:

Organ and tissue physiology and pathophysiology; Comparative physiology
Physiology of ageing
Endocrinology
Microbiome and host physiology
Nutrition and exercise physiology
Impact of stress (including environmental stress) on physiology
Metabolism and metabolic disorders, including diabetes and obesity
The cardiovascular system and cardiovascular diseases
Haematopoiesis and blood diseases
Cancer
Non-communicable diseases (except for neural/psychiatric and immunity-related diseases)

LS5 Neurosciences and Neural Disorders:

Neural cell function, communication and signalling, neurotransmission in neuronal and/or glial cells
Systems neuroscience and computational neuroscience
Neuronal development, plasticity and regeneration
Sensation and perception
Neural bases of cognitive processes
Neural bases of behaviour
Neurological disorders
Neuroimmunology, neuroinflammation
Psychiatric disorders
Neurotrauma and neurovascular conditions
Imaging in neuroscience
Attention, perception, action, consciousness
Learning, memory; cognition in ageing
Reasoning, decision-making; intelligence
Innovative methods and tools for neuroscience

LS6 Immunity, Infection and Microbiology:

Innate immunity Adaptive immunity
Regulation of the immune response
Immune-related diseases
Biology of pathogens (e.g. bacteria, viruses, parasites, fungi)
Mechanisms of infection and infection diseases
Biological basis of prevention and treatment of infection (e.g. infection natural cycle, reservoirs, vectors, vaccines, antimicrobials, antimicrobial resistance)
Innovative immunological tools and approaches, including therapies

LS7 Diagnostic tools, Therapies, Biotechnology and Public Health:

Medical imaging for prevention, diagnosis and monitoring of diseases
Medical technologies and tools (including genetic tools and biomarkers) for prevention, diagnosis, monitoring and treatment of diseases
Pharmacology and toxicology
Nanomedicine
Applied gene, cell and immune therapies; Resistance to therapies
Regenerative medicine
Analgesia and surgery Epidemiology and public health
Environmental health, occupational medicine
Health services, health care research, medical ethics
Digital medicine, e-medicine, medical applications of artificial intelligence