



# ATIP – Avenir Program 2021

## Guide for applicants

### Important dates

- **November 18<sup>th</sup> 2020:** deadline for the online submission and the letters of recommendation
- **Mid-April 2021:** publication of the short list of candidates to be interviewed
- **Mid-June 2021:** interviews of the selected applicants
- **July 2021:** publication of the final list of laureates
- **From January 2022:** Start of the contract

### Summary

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C-3 - Scientific file (research project, no more than 10 pages, Arial 10)

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D- Submission of the application

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D-2 - Online submission

E- Results

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

### 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 at the time of application.

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 for the program.**

Applicants must have defended their PhD (or equivalent doctoral degree) for over 2 years and under 10 years (**PhD between 15 September 2012 and 15 September 2018**).

The reference date for calculating the eligibility period should be the date of the actual award of the degree according to the national rules in the country where the degree was awarded.

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 15<sup>th</sup> 2020**)
- will not find any previous mentors (of PhD and/or post doctorate).

Laureates of a grant for the young researchers similar to the ATIP-Avenir program are not eligible (e.g. ANR programs to start an independent research group or ERC grants). However, laureates with an ANR 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. The MD completion should be within the last 10 years instead of 8 years.

#### 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 that 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 on the basis of which ATIP-Avenir grants are awarded.

However, 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/recrutement-future-leader-young-group-leader-atip-avenir-universite-de-lorraine>
- Université de Montpellier (ISITE MUSE) : [dred-srech@umontpellier.fr](mailto:dred-srech@umontpellier.fr)
- Université de Nantes (ISITE NExT) : [aap@next-isite.fr](mailto:aap@next-isite.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 15<sup>th</sup> 2020 (4pm) to November 15<sup>th</sup> 2020 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 some experts (working abroad) for the evaluation  
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 18<sup>th</sup> 2020**

## 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: Christiane Durieux: [atip-avenir@inserm.fr](mailto: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 15<sup>th</sup> 2019**)
- 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](mailto:atip-avenir@inserm.fr)

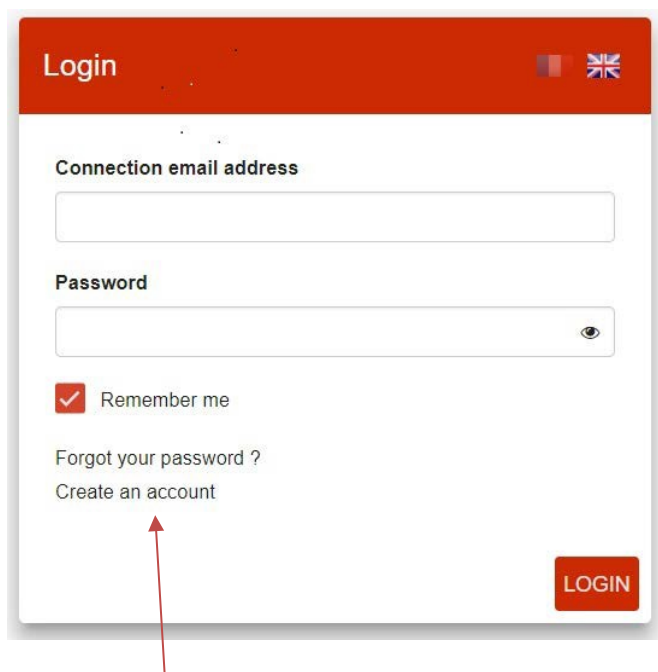
**Do not upload it on the web site**

## D- Submission of the application

### D-1- Registration

Registration can be done online from October 15<sup>th</sup> 2020.



- **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**



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 the same as the one used for your Inserm e-mail address.

**Create an account**  

**Lastname**

**Firstname**

**Language preference**

**Email**

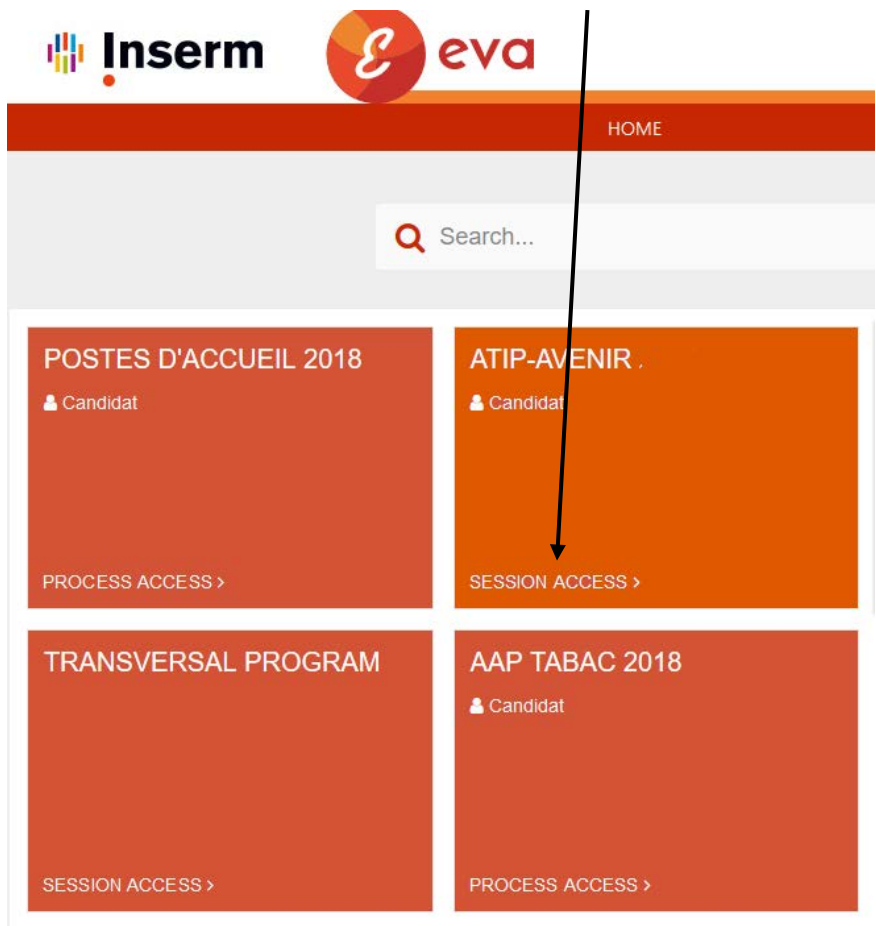
**Email confirmation**

For email address, only the lowercase characters will be taken into consideration. Any uppercase character will be saved in lowercase.

**Password**

**Password confirmation**

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



The screenshot shows the Inserm website home page. At the top left are the Inserm and eva logos. A navigation bar contains a 'HOME' link. Below the navigation bar is a search bar with a magnifying glass icon and the text 'Search...'. The main content area features four large orange and red tiles. The top-left tile is titled 'POSTES D'ACCUEIL 2018' and includes a 'Candidat' icon and a 'PROCESS ACCESS >' link. The top-right tile is titled 'ATIP-AVENIR' and includes a 'Candidat' icon and a 'SESSION ACCESS >' link. A black arrow points from the top of this tile down to the 'SESSION ACCESS >' link. The bottom-left tile is titled 'TRANSVERSAL PROGRAM' and includes a 'SESSION ACCESS >' link. The bottom-right tile is titled 'AAP TABAC 2018' and includes a 'Candidat' icon and a 'PROCESS ACCESS >' link.



**Registration Atip Avenir 2018 : Import (20170922172115)**

Email :

Use name :  First name :

Which profile would you like to use for your registration ?

Validate your registration

**D-2- Online submission must be completed by November 18<sup>th</sup> 2020, 11:59 pm**

The screenshot shows the 'ACCUEIL' (Home) page of the ATIP-Avenir 2019 application portal. On the left is a navigation menu with items: Dossier, Welcome (checked), Personal Data (checked), Host Laboratory (checked), Works and projects (checked), and Required documents (checked). The main content area includes a 'Welcome' message, a 'Program for young group leader' section, and a 'Candidate Information' section. The 'Candidate Information' section contains several links: 'ATIP-Avenir call 2019', 'Guide for applicants', 'CV template', 'Scientific file', and 'Host laboratory template'. At the bottom of the main content area, there is a 'Closing date of process' section showing '15/11/2018 23:50'. At the very bottom of the page, there is a 'NEXT' button.

Guide and templates

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

ACCUEIL

SAVE VALIDATE AND SUBMIT MY APPLICATION UNSUBSCRIBE

**Required documents**

Documents to attach

Scientific File *	Ph.D. Diploma *
A4_WEB-2.pdf x	A4_WEB-2.pdf x
CV *	Update
A4_WEB-2.pdf x	Pas de fichier à consulter

Upload all the documents needed

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

HOME

SAVE VALIDATE AND SUBMIT MY APPLICATION UNSUBSCRIBE

**Required documents**

Documents to attach

Scientific File *	Ph.D. Diploma *
scientific file.pdf x	PhD.pdf x
CV *	Update
CV.pdf x	No file check

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

The screenshot shows the Inserm Eva application portal. At the top, there are logos for Inserm and Eva. Below them is a navigation bar with the word 'ACCUEIL' and two links: 'MODIFY MY APPLICATION' and 'UNSUBSCRIBE'. A red arrow points from the text above to the 'MODIFY MY APPLICATION' link. On the left side, there is a vertical navigation menu with the following items: 'Dossier', 'Welcome' (highlighted with a green checkmark), 'Personal Data' (with a green checkmark), 'Host Laboratory' (with a green checkmark), 'Works and projects' (with a green checkmark), and 'Required documents' (with a green checkmark). The main content area is titled 'Welcome' and contains the following text: 'Program for young group leader', 'Your application consists of 4 forms to fill in: 1. Personal data 2. Host laboratory, 3. Required documents to attach : 1. CV, 2. Scientific file, 3. PhD diploma', 'Two letters of recommendation (written in English, stating the ability of the candidate Christiane Durieux: atip-avenir@inserm.fr)', 'When the application package is complete (4 saved forms) you will be able to submit', and 'Beware that you must keep the same e-mail (login) during all selection process.'

## E- Results

After the evaluation of the proposal, information about the outcome of the evaluations will be made available 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 Molecular and Structural Biology and Biochemistry:**

Macromolecular complexes including interactions involving nucleic acids, proteins, lipids and carbohydrates  
Biochemistry  
DNA biosynthesis, modification, repair and degradation  
RNA synthesis, processing, modification and degradation Protein synthesis, modification and turnover  
Lipid biology, Glycobiology  
Molecular biophysics (e.g. single-molecule approaches, bioenergetics, fluorescence)  
Structural biology and its methodologies (e.g. crystallography, cryo-EM, NMR and new technologies)  
Molecular mechanisms of signalling pathways  
Fundamental aspects of synthetic biology and chemical biology

### **LS2 Genetics, 'Omics', Bioinformatics and Systems Biology:**

Molecular genetics, reverse genetics, forward genetics, genome editing  
Non-coding RNAs  
Quantitative genetics  
Genetic epidemiology  
Epigenetics and gene regulation  
Genomics (e.g. comparative genomics, functional genomics)  
Metagenomics, transcriptomics, proteomics  
Metabolomics, glycomics, lipidomics  
Bioinformatics  
Computational biology  
Biostatistics  
Systems biology

### **LS3 Cell Biology, Development and Evolution:**

Morphology and functional imaging of cells and tissues  
Cytoskeleton and cell behaviour (e.g. control of cell shape, cell migration and cellular mechanosensing)  
Organelle biology and trafficking  
Cell junctions, cell adhesion, cell communication and the extracellular matrix  
Cell signalling and signal transduction  
Cell cycle, division and growth  
Cell death (including senescence) and autophagy  
Cell differentiation, physiology and dynamics  
Tissue organisation and morphogenesis in animals and plants (including biophysical approaches)  
Stem cell biology in development, tissue regeneration and ageing  
Evolution of developmental mechanisms

### **LS4 Physiology, Pathophysiology and Endocrinology:**

Organ physiology and pathophysiology  
Comparative physiology and pathophysiology  
Molecular aspects of endocrinology  
Fundamental mechanisms underlying ageing  
Metabolism, biological basis of metabolism related disorders  
Fundamental mechanisms underlying cancer  
Fundamental mechanisms underlying cardiovascular diseases  
Non-communicable diseases (except for neural/psychiatric and immunity-related disorders)

### **LS5 Neurosciences and Neural Disorders:**

Neural cell function, communication and signalling, neurotransmission in neuronal and/or glial cells  
Systems neuroscience and computational neuroscience (e.g. neural networks, neural modelling) Neuronal development, plasticity and regeneration  
Sensation and perception (e.g. sensory systems, sensory processing, pain)  
Neural bases of cognitive processes (e.g. memory, learning, attention)  
Neural bases of behaviour (e.g. sleep, consciousness, addiction)  
Neurological disorders (e.g. neurodegenerative diseases, seizures)  
Psychiatric disorders (e.g. affective and anxiety disorders, autism, psychotic disorders)  
Neurotrauma and neurovascular conditions (including injury, blood-brain barrier, stroke, neurorehabilitation)

**LS6 Immunity, Infection and Microbiology:**

Innate immunity

Adaptive immunity

Regulation and effector functions of the immune response (e.g. cytokines, interferons and chemokines, inflammation, immune signalling, helper T cells, immunological memory, immunological tolerance, cell-mediated cytotoxicity, complement)

Immunological mechanisms in disease (e.g. autoimmunity, allergy, transplantation immunology, tumour immunology)

Biology of pathogens (e.g. bacteria, viruses, parasites, fungi)

Mechanisms of infection (e.g. transmission, virulence factors, host defences, immunity to pathogens, molecular pathogenesis)

Biological basis of prevention and treatment of infection (e.g. infection natural cycle, reservoirs, vectors, vaccines, antimicrobials)

Infectious diseases in animals and plants

**LS7 Diagnostic tools, Therapies, Biotechnology and Public Health:**

Imaging for medical diagnosis

Genetic tools for medical diagnosis

Other medical technologies for diagnosis and monitoring of diseases

Pharmacology and pharmacogenomics (including drug discovery and design, drug delivery and therapy, toxicology)

Applied gene and cell therapies, regenerative medicine

Radiation therapy

Analgesia and surgery

Epidemiology and public health

Environmental health, occupational medicine

Health services, health care research, medical ethics