

**université**  
**PARIS-SACLAY**

**Ecole Doctorale**  
**« Structure et Dynamique des**  
**Systemes Vivants - SDSV »**

**Doctoral School**  
**« Structure and Dynamics of Living**  
**Systems - SDLS »**

December 11, 2024

- 1. Who are we?**
- 2. The Paris-Saclay Context**
- 3. The SDSV Doctoral School**
- 4. Questions / Answers**

# Who are we?

Fabienne MALAGNAC  
UPSaclay



Jean-Christophe  
SANDOZ  
UPSaclay



Isabelle GUENAL  
UVSQ



Florence GONNET  
UEVE



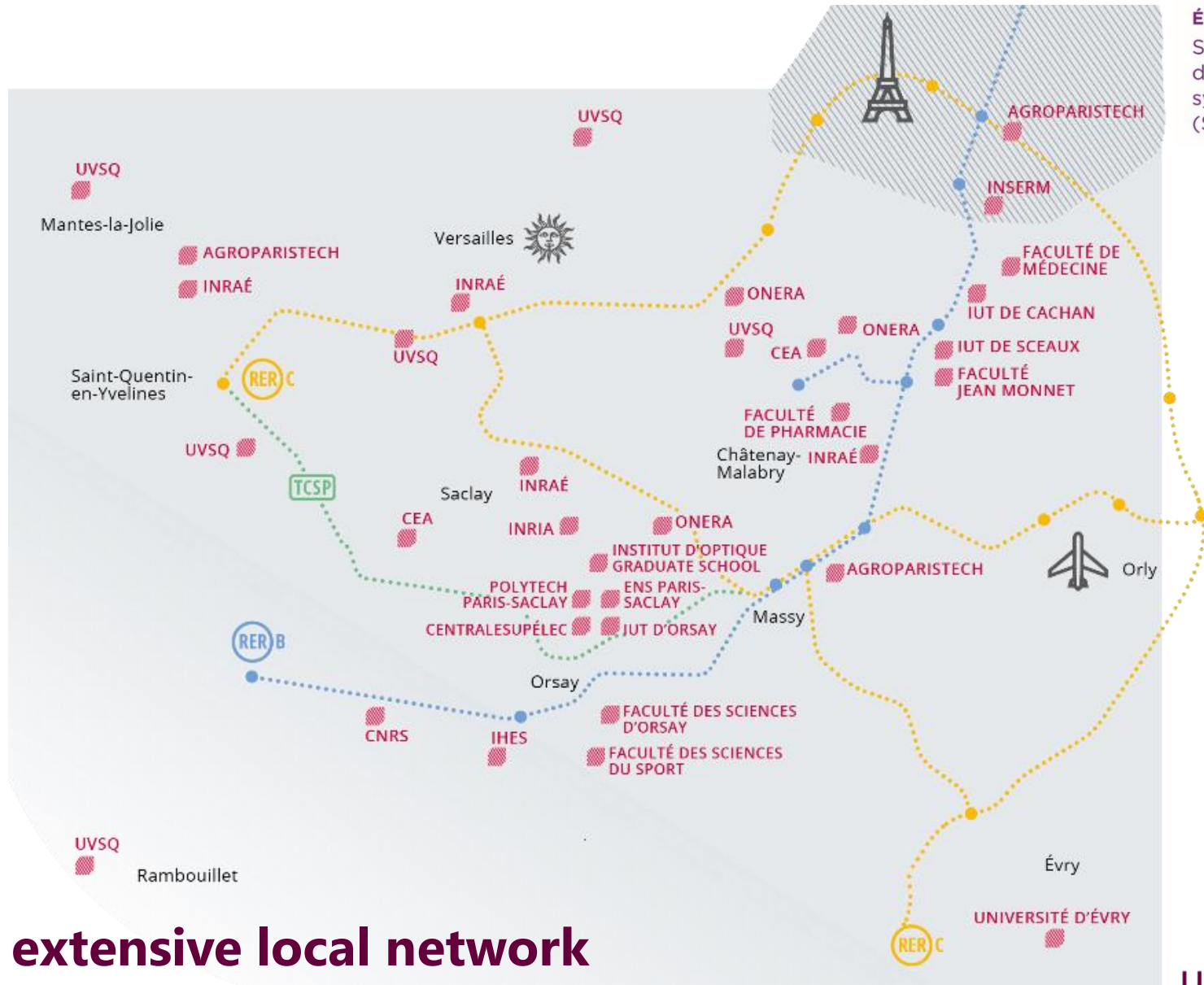
Jean-Luc PERNODET  
DR émérite  
Expert



Bernard MIGNOTTE  
Pr. Émérite  
Expert



# The Paris-Saclay context



An extensive local network

# The Paris-Saclay context



FACULTÉ DE  
MÉDECINE

IUT DE CACHAN

AgroParisTech



FACULTÉ DE  
PHARMACIE

IUT DE SCEAUX



université  
PARIS-SACLAY



FACULTÉ  
DES SCIENCES

IUT D'ORSAY



FACULTÉ  
DES SCIENCES  
DU SPORT



INRAE

Inria



FACULTÉ  
JEAN MONNET  
DROIT-ÉCONOMIE-GESTION

OBSERVATOIRE  
DES SCIENCES  
DE L'UNIVERS



# Paris-Saclay University in figures

## PhD

4,600   
PhD students

4,700   
Supervising  
researchers and  
academic staff

21   
Doctoral  
schools

18 Graduate schools  
and Institute

 45%  
International  
PhD students

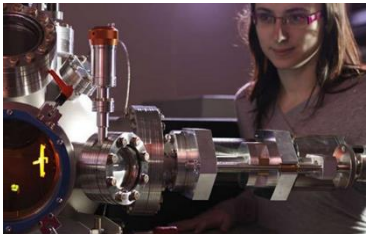
# General organisation of Paris-Saclay University

## 3 main areas

### Life and health science



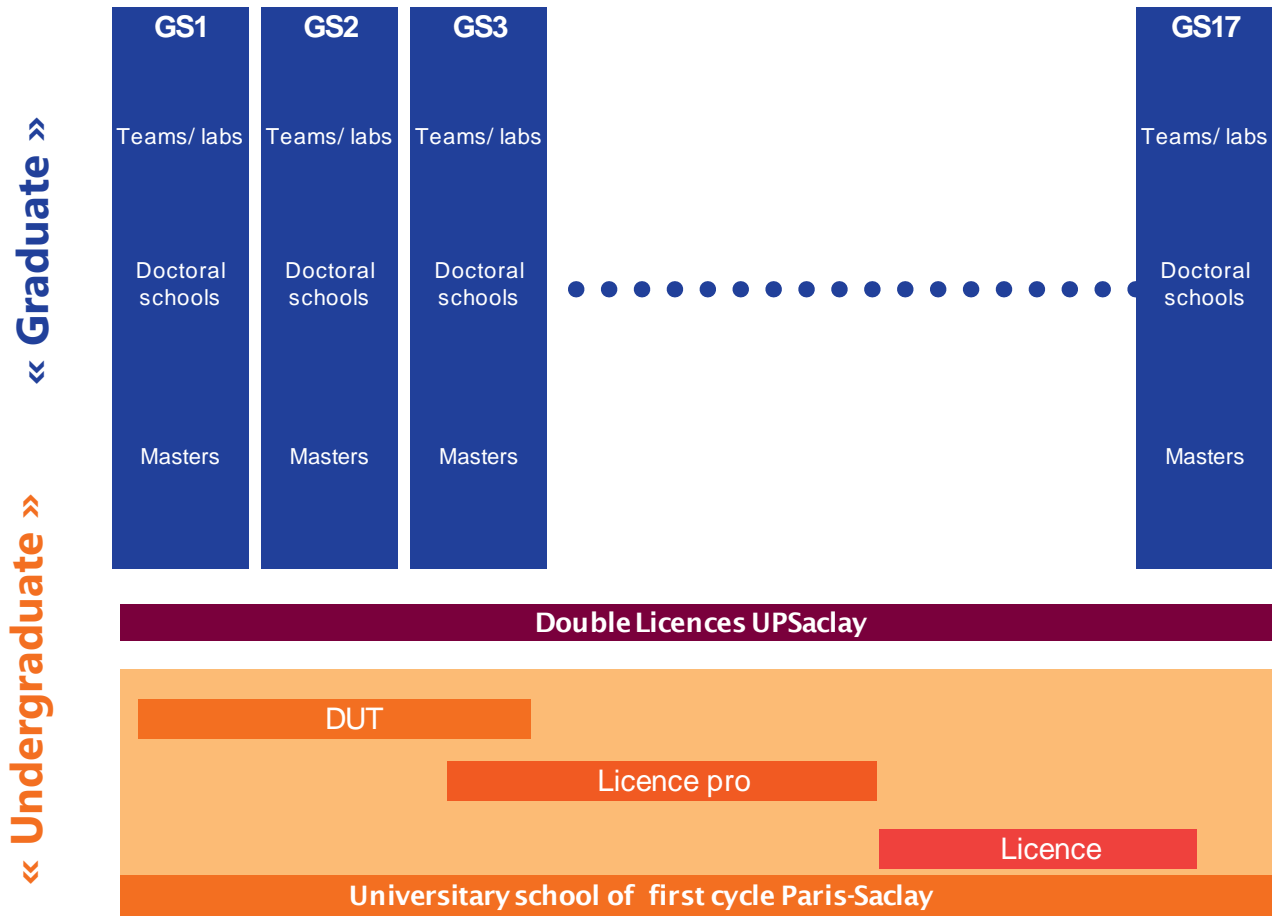
### Science and engineering



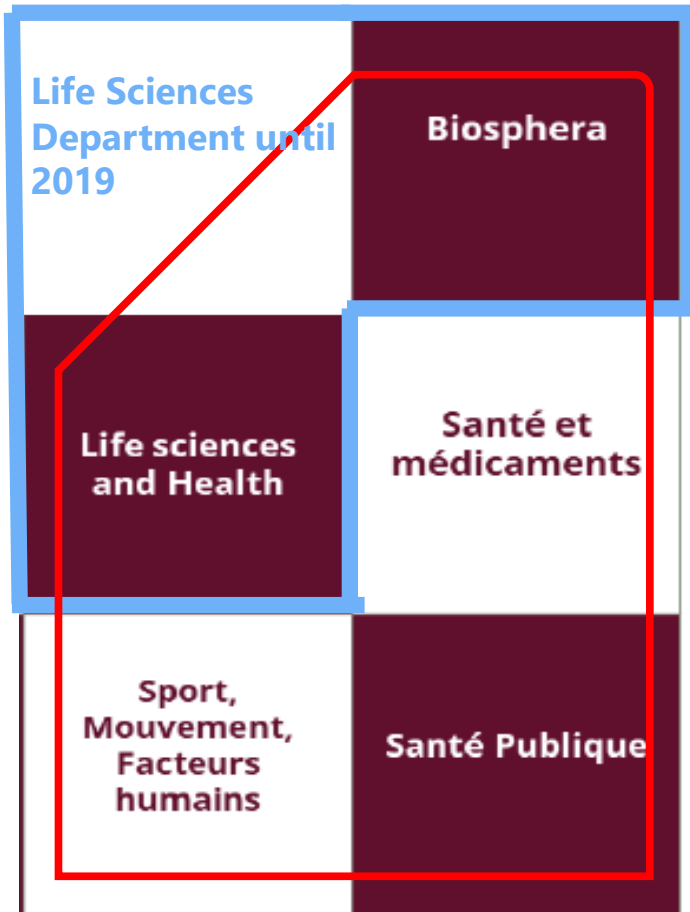
### Social sciences and humanities



## 15 disciplinary GS + 2 transversal GS + 1 institute



## AREA: *Life and health science*



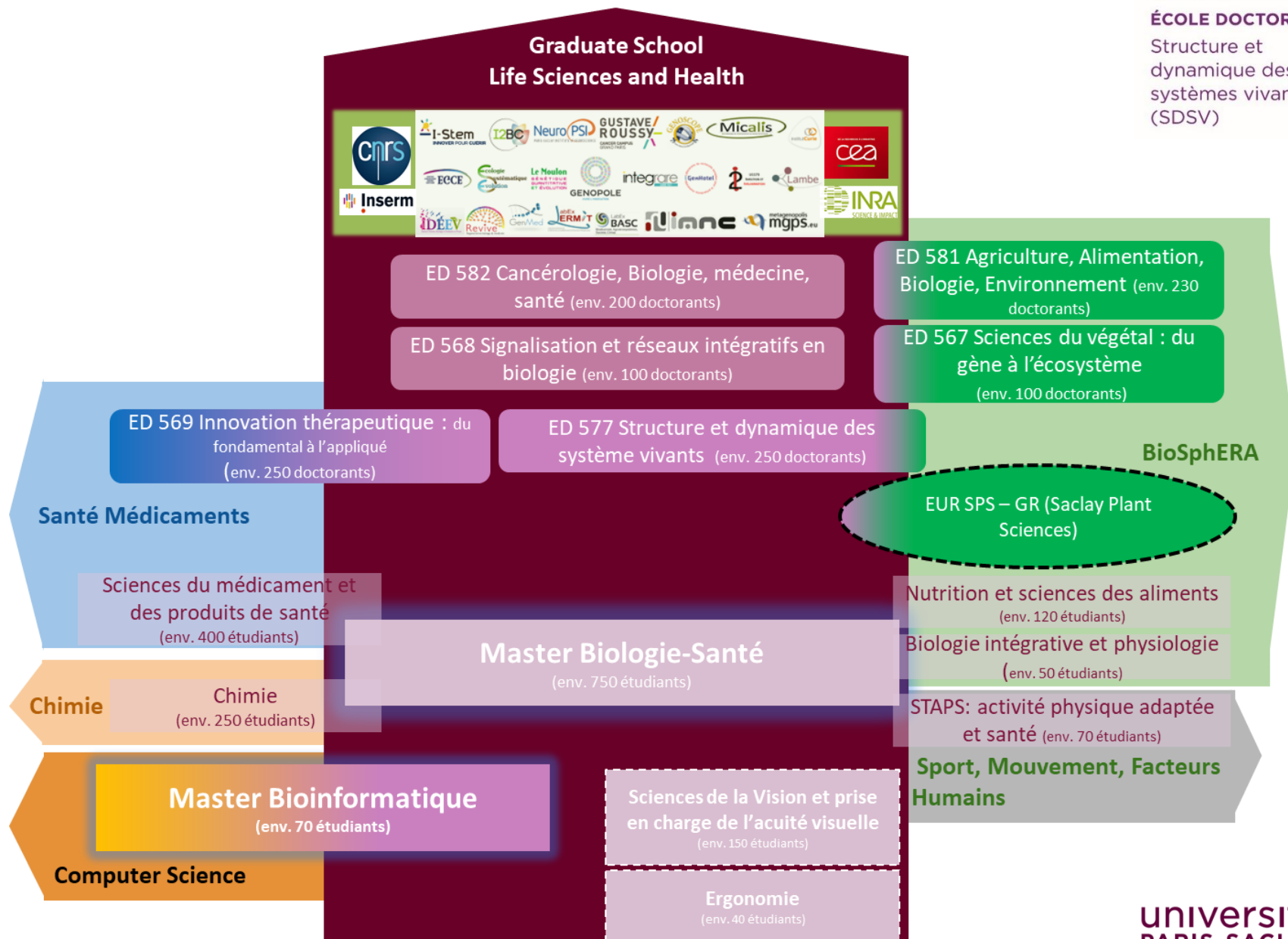
PhD students of SDSV doctoral school are in:

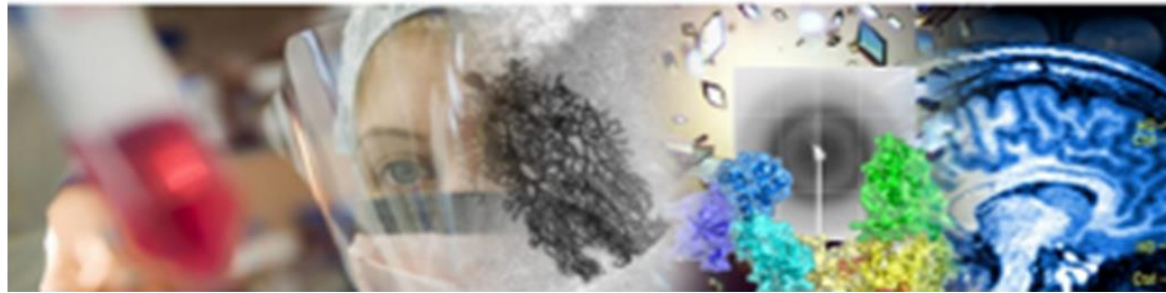
- **LSH (Life Sciences and Health)**

Coordinator = Faculty of Sciences



# The GS LSH in its ecosystem





# Life Sciences and Health: from understanding the fundamental mechanisms to applications in Biotechnology and Medicine

## Partners

université  
PARIS-SACLAY

FACULTÉ DE  
MÉDECINE

MANAGEMENT

AgroParisTech

université  
PARIS-SACLAY

école  
normale  
supérieure  
paris-saclay

université  
PARIS-SACLAY

université  
PARIS-SACLAY

FACULTÉ  
DES SCIENCES  
D'ORSAY

COORDINATION

université  
evry  
Paris-Saclay

UVSQ  
université  
PARIS-SACLAY

université  
PARIS-SACLAY  
FACULTÉ DE  
PHARMACIE

## Partner NRO



INRAE  
la science pour la vie, l'humain, la terre

Inserm  
La science pour la santé  
From science to health

## Associated NRO

ONERA  
THE FRENCH AEROSPACE LAB

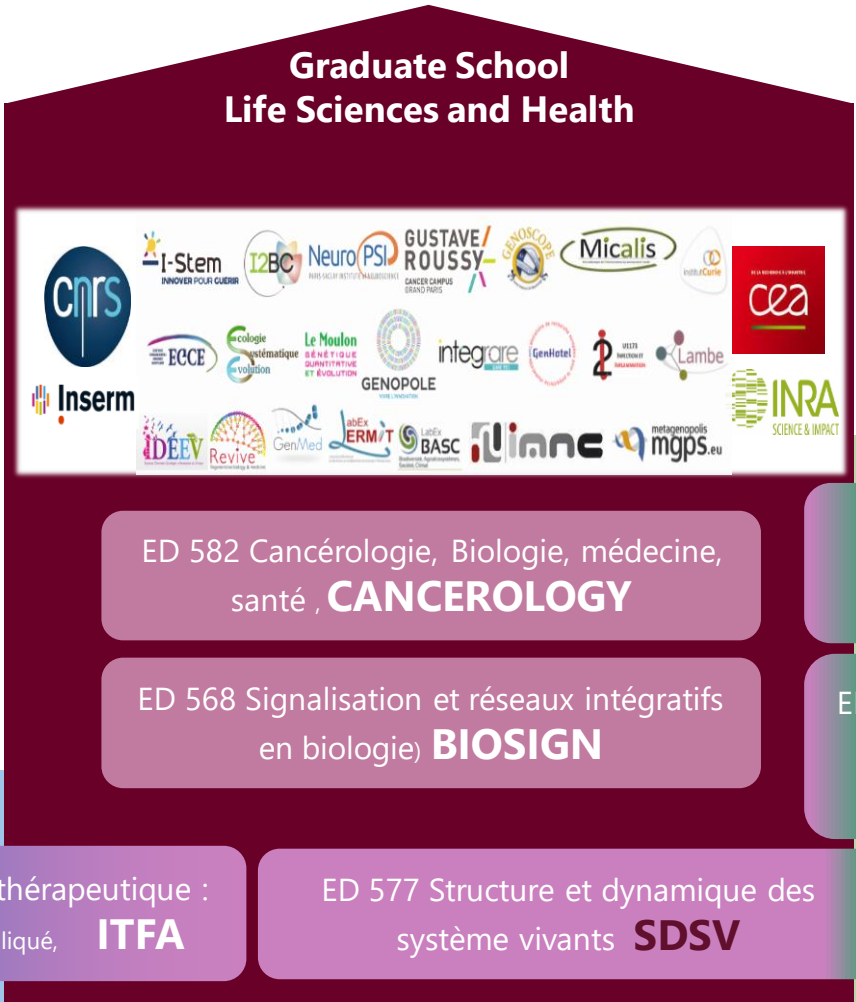
## Associated Operators

CentraleSupélec  
université  
PARIS-SACLAY

Inria

# The doctoral schools of the GS LSH

Now,  
relationships  
inside the GS  
LSH



Santé Médicaments

ED 569 Innovation thérapeutique :  
du fondamental à l'appliqué, **ITFA**

ED 582 Cancérologie, Biologie, médecine,  
santé , **CANCEROLOGY**

ED 568 Signalisation et réseaux intégratifs  
en biologie) **BIOSIGN**

ED 577 Structure et dynamique des  
système vivants **SDSV**

ED 581 Agriculture,  
Alimentation, Biologie,  
Environnement **ABIES**

ED 567 Sciences du végétal : du  
gène à l'écosystème  
**SdV**

BioSphERA

# The SDSV organisational chart

## Management team

- \*Florence GONNET, Director
- \*Jean-Christophe SANDOZ, Deputy director,
- \*Isabelle GUENAI, Deputy director,
- \*Fabienne MALAGNAC, Deputy director,

### ***Other members of the executive office***

- Jean-Luc PERNODET, expert
- Bernard MIGNOTTE, expert

## Administrative assistance

- Christelle SOUPRAYEN, overall administrative management
- Christelle SOUPRAYEN, 160 PhD students (referent Faculty of Sciences)
- Elissa VICTOIRE, 110 PhD students (referent UEVE, UVSQ, ENS-Paris-Saclay and PSL)

## Scientific advisory board

- 1) 26 members including:
  - Director and Deputy directors (4 members)
  - 4 members of local units
  - 6 scientific experts from SDSV
  - **5 representatives of PhD students**
  - 5 scientific experts outside SDSV (academic researchers, private companies, socio-economic word)
  - 2 engineers / technicians
- 2) Executive office :
  - 6 members of scientific board

## Web site - Communication

- HIRING IN PROGRESS due to cyberattack

# Who should you contact?

## Administration

For all administrative points: registration, PhD defense, ADUM..

- Elissa VICTOIRE for all UEVE, UVSQ and ENS-Paris Saclay units, with IPS2 Lab., and INRAE units except GABI Lab.

**[elissa.victoire@univ-evry.fr](mailto:elissa.victoire@univ-evry.fr)**

- Christelle SOUPRAYEN for all the others UPSaclay units, including GABI Lab., without IPS2 Lab.

**[ed.sdsv@universite-paris-saclay.fr](mailto:ed.sdsv@universite-paris-saclay.fr)**

- Florence GONNET for all the PSL units.

**[fgonnet@univ-evry.fr](mailto:fgonnet@univ-evry.fr)**

## Management team

For all other points: annual interviews, scientific or personal problems...

- Florence Gonnet for all UEVE units, ENS-Paris-Saclay units, IPS2 and PSL Labs.
- Isabelle Guéna, for all UVSQ units, including BREED and VIM Labs.
- Fabienne Malagnac, Jean-Christophe Sandoz, for UPSaclay and GABI Labs.

# Who should you contact?

## Five Representatives of PhD students

Le Barch Alexia	PhD UPSaclay
Le Meur Adrien	PhD UPSaclay
Le Guyader Emma	PhD UVSQ
Bouزيد Kamila	PhD UVSQ
Skiada Sébastien	PhD UEVE

# The SDSV Doctoral School

## Scientific domains

- Structure and spatial organization of macromolecules
- Structural and functional dynamics of genomes
- Environmental genomics and transcriptomics
- Molecular, cellular and developmental processes
- Molecular evolution (structural and functional)
- Gene and cell therapies
- Microbiology, virology
- Immunology, hematology
- Population genetics and genomics and quantitative genetics
- Chemistry, physics, mathematics and bioinformatics for systems understanding in an integrative approach (Living Systems Modeling, Systems Biology, Synthetic Biology)

## Scientific units

- Universities and Research organisms :
  - UPSaclay (with ENS UPSaclay), UVSQ, UEVE,
  - CNRS, INRAE, CEA, INSERM,
  - ENS Paris, Curie Institute, Pasteur Institute, Jacques Monod Institute, several hospitals...

## Data of SDSV doctoral school



### Les Chiffres clés

- > 68 Unités de recherche
- > 15 doctorats
- > 202 inscrits en 2024-2025
- > 537 Scientifiques dont 366 HDR
- > 62 Soutenances 2024
- > 0 Soutenances 2025



# Registration on ADUM

<http://www.adum.fr/>

## English version

**PLEASE NOTE**, if you obtained your Master's degree **more than two years ago**, you must apply for registration in "lifelong training » **FTLV**

**Ask if you are lost....**

Portail | Partage: Réception (1) | Zimbra: Réception | Connexion à PARTAGE | Google | Le Réseau ADUM | Bienvenue à l'ED SDSV

ACCÈS DOCTORAT UNIQUE ET MUTUALISÉ  
PORTAL INTERNET D'INFORMATIONS, DE SERVICES, DE COMMUNICATION, DES DOCTORANTS ET DOCTEURS

L'ADUM | MON COMPTE ADUM | ACTU RECHERCHE | EMPLOI | INFORMATIONS DOCTORAT | Connexion espace personnel

Recherchez sur ADUM ...

### ESPACE PERSONNEL

Ce site est optimisé pour Google Chrome, Mozilla Firefox et Safari.  
Merci d'utiliser un de ces navigateurs

Vous entrez dans une zone réservée

Votre adresse email :

Mot de passe :

[SE CONNECTER](#)

[J'ai oublié mon mot de passe](#)

[CRÉER UN COMPTE](#)

[CREATE AN ACCOUNT](#)

[Intranet >>](#)

**Votre espace personnel** est l'espace unique dédié à toutes vos démarches d'inscription, de réinscription et de soutenance de thèse.

Il vous permet :

- d'accéder à votre dossier qui regroupe toutes vos informations
- d'effectuer votre actualisation annuelle
- de déposer les pièces administratives demandées
- d'accéder aux services du réseau ADUM :
  - offres d'emploi
  - réseau des doctorants et docteurs
- de gérer votre présence dans les annuaires
- de mettre en ligne votre profil de compétences
- de vous inscrire aux formations
- d'assurer la diffusion en ligne de votre thèse sur des plateformes dédiées
- d'imprimer votre formulaire d'enregistrement de thèse soutenue

Cookies : En vous connectant vous transmettez un ou plusieurs cookies à votre ordinateur (ou autre appareil). Nous utilisons ces cookies uniquement pour faciliter votre navigation.  
Ces cookies ne sont pas conservés et ne sont pas exploités et ne servent qu'à gérer les sessions, ils sont détruits au redémarrage du navigateur.

# Registration on ADUM

The screenshot shows a web browser window displaying the ADUM website. The browser's address bar shows the URL <https://www.adum.fr/as/ed/page.pl?site=adumR&page=reseauA>. The website header includes the ADUM logo and navigation links such as 'THE ADUM', 'MY ADUM ACCOUNT', 'RESEARCH NEWS', 'EMPLOYMENT', and 'DOCTORATE INFORMATION'. A search bar and a 'Login to your private space' button are also visible. Below the header, there is a banner image of a person in a library with the text 'The ADUM'. The main content area is titled 'LE RÉSEAU ADUM' and features a grid of regional university logos. The 'Paris-Saclay' logo is highlighted with a red box. Below this grid, the 'Etablissement' section displays the 'université PARIS-SACLAY' logo. The 'ÉCOLES DOCTORALES' section lists several doctoral schools, including 'Agriculture, alimentation, biologie, environnement, santé (ABIES)', 'École Doctorale d'Astronomie & Astrophysique d'Île-de-France (A&A)', 'Cancérologie, biologie, médecine, santé (CBMS)', 'Signalisation et réseaux intégratifs en biologie (BIOSIGNE)', 'École doctorale de mathématiques', and 'Ondes et Matière (EDOM)'. The 'Paris-Saclay' logo is also highlighted with a red box in this section.

# Registration on ADUM

Portail | Partage: Réception (1) | Zimbra: Réception | Connexion à PARTAGE | Google | Le Réseau ADUM | Bienvenue à l'ED SDSV

ACCÈS DOCTORAT UNIQUE ET MUTUALISÉ  
PORTAIL INTERNET D'INFORMATIONS, DE SERVICES, DE COMMUNICATION, DES DOCTORANTS ET DOCTEURS

THE ADUM | RESEARCH NEWS | EMPLOYMENT | DOCTORATE INFORMATION

Information  
My Private space

Login to your private space | Recherchez sur ADUM ...

## My ADUM account

### PROFILE

Only doctoral students or doctors who are part of one of the [partner institutions](#) or [doctoral schools](#) may create an account in order to apply and register to a doctorate.

Before creating your account and in order for your request to be valid, you must have contacted your future thesis supervisor, the laboratory and have chosen a research subject.

Once you have requested an account, the administrative agent in charge who was selected by the institution that will award the doctorate will have full authority to activate, or not, your profile and make it visible on the web (if you chose to do so).

To create your account [CLICK HERE](#). Your browser must accept cookies.

To access your personal account [CLICK HERE](#). Your browser must accept cookies.

### DISPLAY OPTIONS

Every doctoral candidate and doctor who owns an ADUM profile can decide what information is available on the Internet.

By default, and if you have agreed to be visible online when you created your profile, only the information relating to your thesis and to the diploma you obtained before will be available.

You will be able to add your CV and your photo to your profile, indicate your on-going work and your work experience.

In order to choose your display options, [login](#) and go to the "Display management" tab in your ADUM profile.

https://www.adum.fr/as/ed/page.pl?site=adumR&page=profil

# Registration on ADUM

## ADUM - Important reminders

- The ADUM file must be completed with as much details as possible, in terms of name, contact (cellphone, personal and professional emails, etc.), affiliation, etc..
- Registration files must be completed carefully so as not to be rejected. **The PDF must contain all the supporting documents requested and in the order requested** to facilitate the work of managers. Any incomplete file will be rejected and the duration of its processing will therefore be extended.
- Registration is totally **dematerialised**: you must finalise your registration, then your thesis **director must sign, then your unit director, then the administrator, then the doctoral school, then the graduate school, before the UPSaclay presidency.**
- The training courses taken must also be filed in ADUM with the appropriate certificate, number of hours and/or points and other things that we will see soon.
- **ADUM is a Database**
  - Must be **up-dated** during the PhD and during (at least) 3 years after the PhD defense
  - Many informations / survey ... will be sent *via* ADUM

# Follow-up during the thesis

- **Annual interview for first and all other registrations**
  - With one member of the direction team
    - Florence Gonnet for all UEVE units, ENS units (LBPA) and IPS2, PSL Labs.
    - Isabelle Guenal, Bernard Mignotte, for all UVSQ, BREED and VIM
    - Fabienne Malagnac, Jean-Christophe Sandoz, for UPSaclay and GABI Labs.
  - Presentation of the doctoral school:
    - Structure, rules, right and duty of PhD students
- **PhD Committee**

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ÉCOLE DOCTORALE

Structure et  
dynamique des  
systèmes vivants  
(SDSV)

# Annual Thesis Committee

## Goals :

- CSIs are the equivalent of annual career reviews
- CSI monitors the progress of research projects
- CSI provides support for PhD students throughout their studies
- CSI alerts the doctoral school to any major difficulties encountered by the doctoral student

## Article 13 de l'arrêté ministériel du 25 mai 2016



**Necessary for  
registration**

### Récapitulatif des dates et avis des comités de suivi <sup>2</sup>

	Dates	Avis du CSI en vue de la réinscription
Date du début de la thèse	01/10/2025	
Date du 1 <sup>er</sup> CSI	15/05/2026	
Date du 2 <sup>nd</sup> CSI	15/05/2027	
Date de soutenance	30/09/2028	



# HOW TO COMPOSE THE CSI ?

- The ISC is made up of at least **two people**:
  - at least one member who is a **specialist** in the discipline of the thesis and **holds an HDR**, independent of the PhD team and supervisors
  - a non-specialist member from outside the thesis research field (the **referee**).

The members of the ISC **do not participate in thesis supervision**.

The members of the ISC **must be entirely independent**: a questionnaire is provided to assess any links of interest that may limit this independence.

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## Livret du Comit  de Suivi

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de Pr nom, Nom

**Composition du comit  de suivi individuel**

Liste des membres du comit� de suivi individuel	Sp�cialiste du domaine de la th�se	Externe au domaine de la th�se	Autre
Pr�nom, Nom			
Adresse mail			
Unit� de recherche, affiliation <sup>1</sup>			
HDR ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R�f�rent du CSI ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

J'atteste que j'ai  t  consult e sur la composition de mon CSI.

Observations : *par exemple « cette composition me convient »*

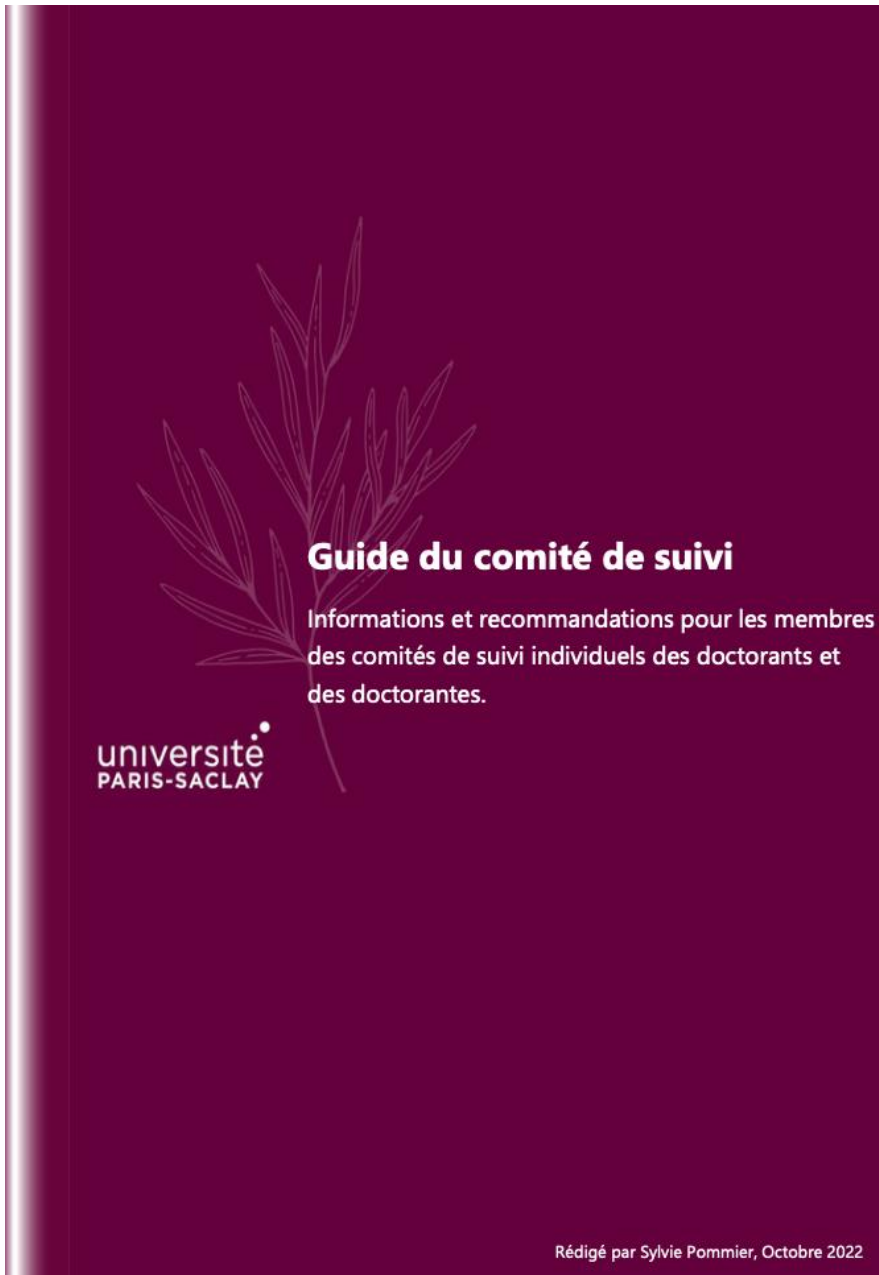
Date et lieu \_\_\_\_\_ Signature du doctorant ou de la doctorante : \_\_\_\_\_



## Paris-Saclay's official Guide of the CSI

Contains all relevant information !

- In French **AND in English**
- Currently not available online (due to recent cyberattack)
- The doctoral school will send it to all participants after this meeting



## Livret du Comité de Suivi

de Prénom, Nom

### Composition du comité de suivi individuel

Liste des membres du comité de suivi individuel	Spécialiste du domaine de la thèse	Externe au domaine de la thèse	Autre
Prénom, Nom			
Adresse mail			
Unité de recherche, affiliation <sup>1</sup>			
HDR ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Référent du CSI ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

J'atteste que j'ai été consulté.e sur la composition de mon CSI.

Observations : *par exemple « cette composition me convient »*

Date et lieu

Signature du doctorant ou de la doctorante :

### Récapitulatif des dates et avis des comités de suivi <sup>2</sup>

	Dates	Avis du CSI en vue de la réinscription
Date du début de la thèse	01/10/2025	
Date du 1 <sup>er</sup> CSI	15/05/2026	
Date du 2 <sup>nd</sup> CSI	15/05/2027	
Date de soutenance	30/09/2028	

<sup>1</sup> Université ou établissement d'enseignement supérieur où sont habituellement inscrits les doctorants et les doctorantes que le membre du comité de suivi dirige, co-dirige ou co-encadre. NA si non applicable

<sup>2</sup> En début de thèse, indiquer des dates prévisionnelles, puis les remplacer par les dates effectives, en cas de prolongation ou de thèses préparée à temps partiel sur plus de 3 ans, ajouter des lignes.

## Paris-Saclay's official Livret du Comité de Suivi

- Must be completed each year after the CSI is held
- Must be uploaded on ADUM prior every registration
- Currently, in French only
- Currently not available online (due to recent cyberattack)
- The doctoral school will send it to all participants after this meeting

# WHEN TO HOLD THE CSI ?



## TAKE HOME MESSAGE :

- The PhD students are involved in the choice of the CSI members
- The doctoral school SDSV **does NOT validate the CSI composition** : it is the responsibility of both the supervisors and the doctoral candidate to make a choice that meets the requirements described in the CSI guide.

# The progress of your thesis

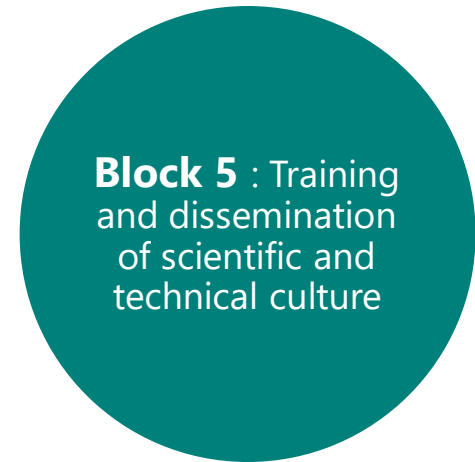
## What is requested before the PhD defense?

- **At least 25 points in terms of skill blocks**
- **A least one paper in first author**
  - International Journal (rank A with peer review)
- **Your thesis in 3 years**
  - Possible derogation for a 4th year, if there is a financial support
  - No 5th year
  - Possibility of European PhD
- **You must maintain your file with up to date informations during 3-5 years after the defense**

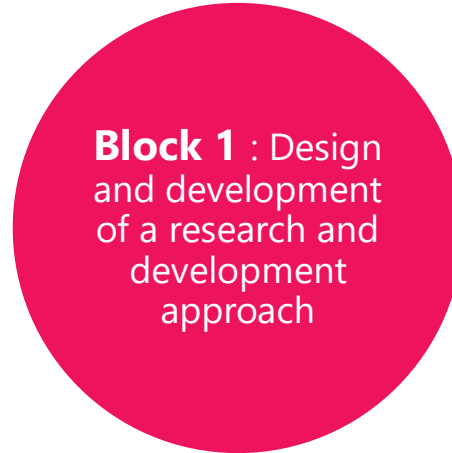
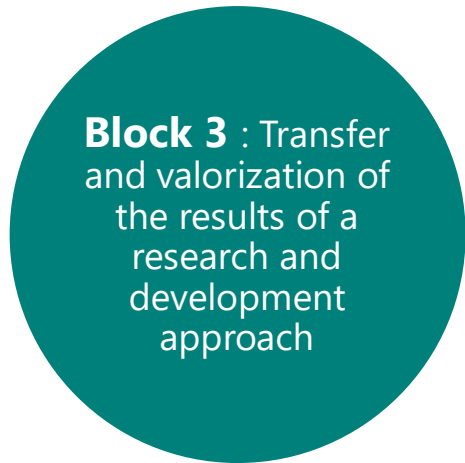
# Additional training



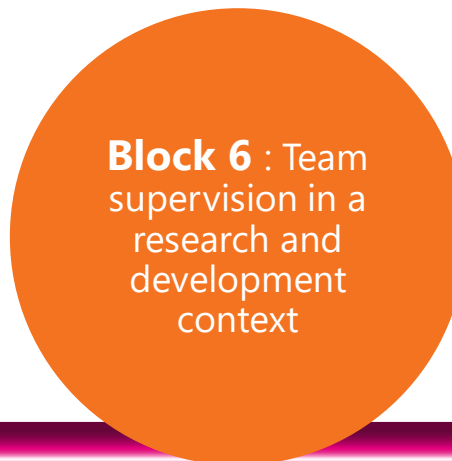
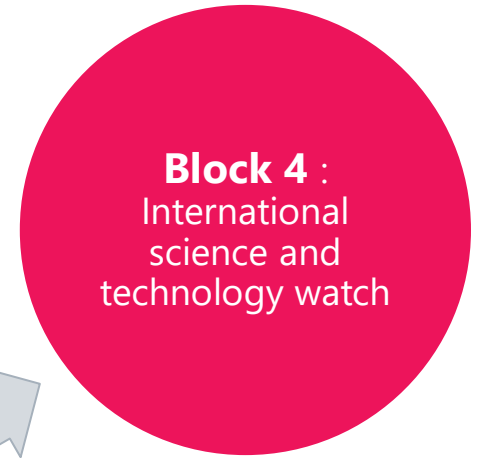
## Skill blocks



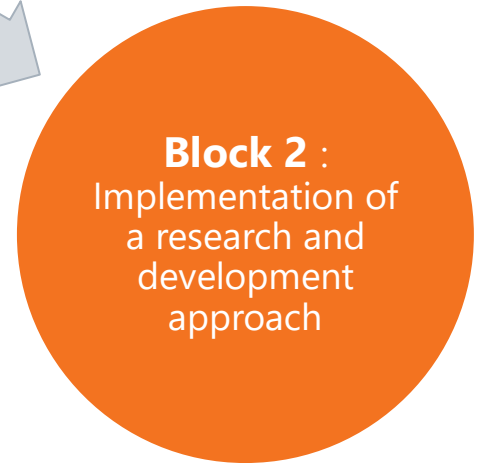
« Share »



« Conceive »



« Collaborate »



**NEW : + personal qualities !**

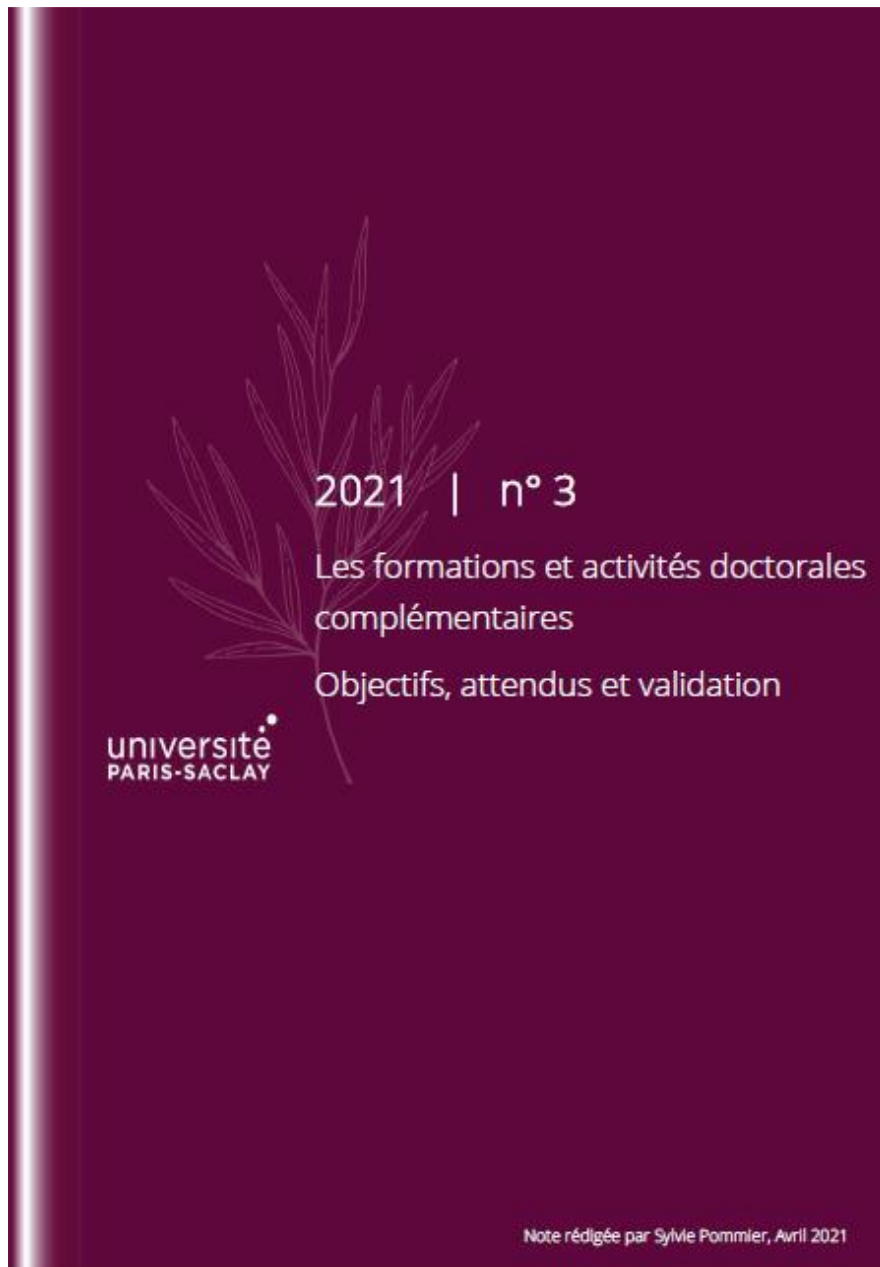


Number	BLOCK	SKILLS
1	Design and development of a research and development, studies and prospective	Have both general and specific scientific expertise in a specific field of research and work
		Take stock of the state and limits of knowledge within a given sector of activity, at the local, national or international scales
		Identify and solve complex and new problems involving a plurality of fields, mobilizing the most advanced knowledge and know-how
		Identify the possibilities of conceptual breakthroughs and design axes of innovation for a professional sector
		Make innovative contributions in high-level exchanges, and in international contexts
2	Implementation of a research and development, studies and prospective	Constantly adapt to the needs of research and innovation within a professional sector
		Implement research methods and tools related to innovation
		Implement the principles, tools and procedures for evaluating the costs and financing of an innovation or R&D process
		Guarantee the validity of the work as well as its ethics and confidentiality by implementing the appropriate control systems
		Manage the time constraints of study, innovation or R&D activities
3	Valuation and transfer of the results of an R&D, studies and prospective	Implement the factors of engagement, risk management and autonomy necessary for the finalization of an R&D project, studies or
		Implement transfer issues for exploitation and promotion of results or products in economic or social sectors
		Respect the rules of intellectual or industrial property related to a sector
		Respect the principles of professional conduct and ethics in relation to the integrity of the work and the potential impacts
		Implement all the publication systems at the international level to promote new knowledge and knowledge
4	International scientific and technological watch	Mobilize open data communication techniques to promote approaches and results
		Acquire, synthesize and analyze cutting-edge scientific and technological data and information on an international scale
		Have an understanding, perspective and a critical eye on all the cutting-edge information available
		Going beyond the boundaries of available data and knowledge by crossing over with different fields of knowledge or other
		Develop international scientific and professional cooperation networks
5	Training and dissemination of scientific and technical culture	Have the curiosity, adaptability and openness necessary to train and maintain a high-level general culture
		Report and communicate in several languages scientific and technological work for different audiences or publications, both written and oral
		Teach and train diverse audiences in advanced concepts, tools and methods
6	Supervision of teams dedicated to research and development, studies and	Adapt to a varied audience to communicate and promote avant-garde concepts and approaches
		Lead and coordinate a team within the framework of complex or interdisciplinary tasks
		Identify missing skills within a team and participate in the recruitment or solicitation of service providers
		Build the necessary steps to stimulate the entrepreneurial spirit within a team
7	Personal qualities ; Know-how ; Social abilities	Identify key resources for a team and prepare for changes in terms of training and personal development
		Evaluate the work of people and the team with respect to projects and objectives
		Adaptation; Perseverance ; Resilience; Management of change and failure; Commitment
		Creativity, ability to imagine and formulate original ideas; Flexibility of mind and openness to novelty
		Knowledge and control of oneself and one's behavior = Ability to self-assess and question oneself; Knowledge of own limits; Dosage
		Rigor / flexibility
		Independence ; Autonomy; Initiative and decision-making
		Inter-relational skills = Sense of communication; Ability to listen and empathize, benevolence; Relationship to the other; Ability to work in a team and sense of collective responsibility.

## Paris-Saclay's official PhD training guide

Contains all relevant information !

- For now, only in French
- Currently not available online (due to recent cyberattack)
- The doctoral school will send it to all participants after this meeting



# 13 different types of training

Training type	Sub-type	Points	for validation
1. Training in Paris-Saclay catalog		5 hours of training ↔ 1 credit point	certificate of attendance (mentioning hours)
2. Seminars, Congresses, Summer Schools		5 hours of seminar/congress ↔ 1 credit point	certificate of attendance (mentioning hours)
3. Involvement in student association		Depending on the personal time devoted, <b>1 to 3 credit points</b>	certificate signed by president of association
4. Involvement in academic democracy		Depending on the personal time devoted, <b>1 to 3 credit points</b>	certificate signed by president of council
5. Involvement in evaluation committees and juries		Depending on the personal time devoted, <b>1 to 3 credit points</b>	certificate signed by president of committee
6. PhD student in charge of a teaching mission	<i>Training to teach</i>	as preparation for becoming a professional, up to <b>7 credit points</b>	certificate of attendance (mentioning hours)
	<i>Lectures given</i>	1 HETD ↔ 5 hours of personal work. Validated only if > 10 HETD. Max <b>5 credit points</b>	certificate signed by teaching supervisor (mentioning lecture hours)
7. Co-supervision of students or interns in the laboratory		Depending on supervision time, up to <b>3 credit points</b>	certificate signed by Lab head or main organizer (mentioning time involvement)

# 13 different types of training

Training type	Sub-type	Points	for validation
8. Member of the organizing committee for a scientific event		Depending on the personal time devoted, <b>1 to 3 credit points</b>	certificate signed by main event organizer (mentioning time involvement)
9. Participation in a mentoring program		Depending on the personal time devoted, <b>up to 3 credit points</b>	certificate signed by head of mentoring program (mentioning time involvement)
10. Scientific mediation	<i>Training in scientific mediation</i>	as preparation for becoming a professional, up to <b>7 credit points</b>	certificate of attendance (mentioning hours)
	<i>Mediation done</i>	max 20 days of mediation, up to <b>5 credit points</b>	certificate signed by mediation head (mentioning days)
11. Expertise or valuation activities	<i>Training on expertise/valuation</i>	as preparation for becoming a professional, up to <b>7 credit points</b>	certificate of attendance (mentioning hours)
	<i>Expertise/valuation done</i>	max 20 days of expertise/valuation, up to <b>5 credit points</b>	certificate signed by expertise/valuation head (mentioning days)
12. Other training activities from the catalog		5 hours of training ↔ <b>1 credit point</b>	certificate of attendance (mentioning hours)
13. Training and activities outside of the catalog		<b>5 hours of training ↔ 1 credit point</b>	certificate of attendance (mentioning hours)

# How to find the right training

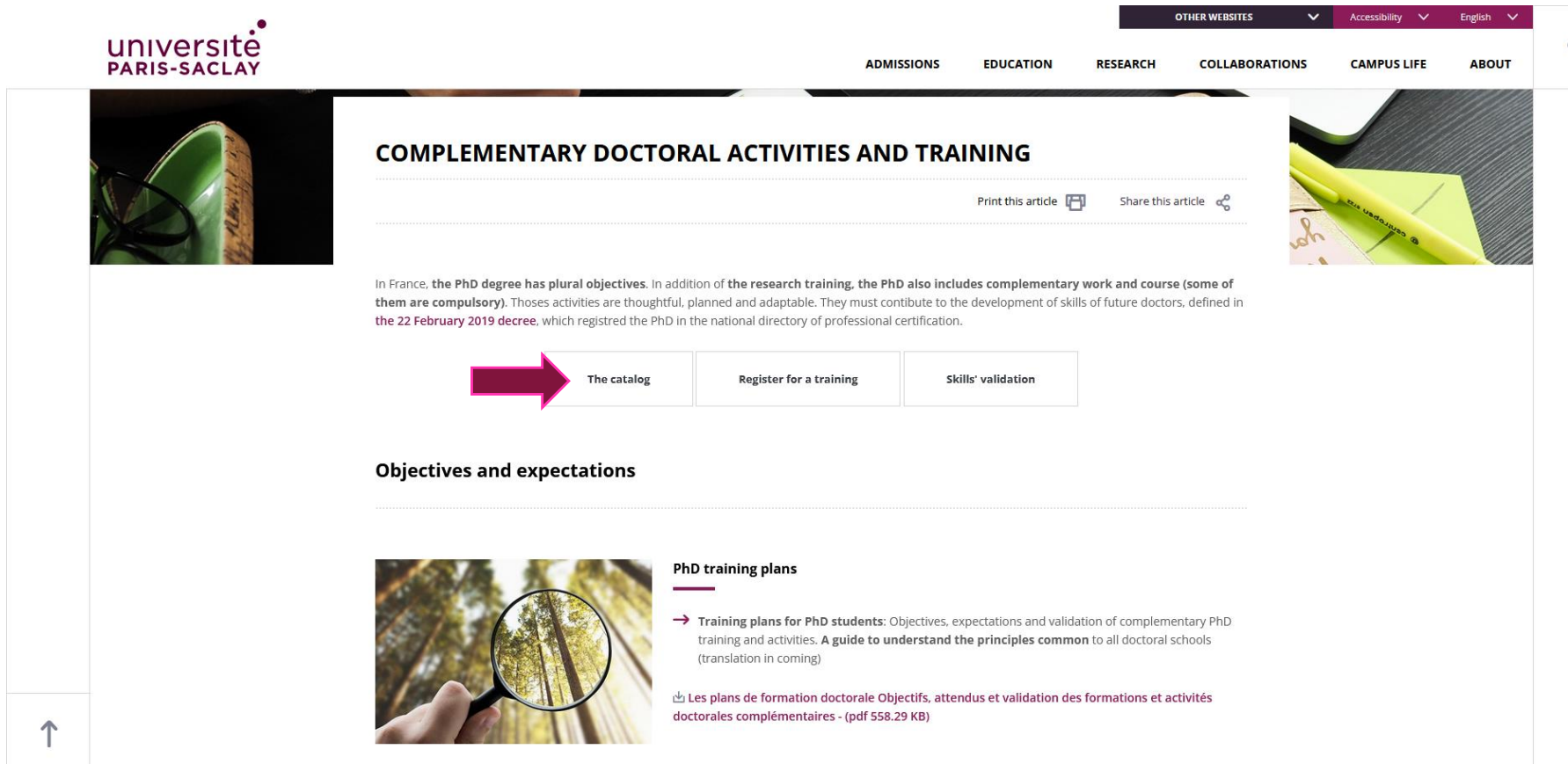
- **Master Courses (second or first year)**
  - Check on the web site of the university (you do not have to take the exam)
- **Doctoral School courses – check in all Doctoral Schools**
  - Curie Orsay Courses, Statistics with R, Introduction to Biopython ...
  - Big Data training (M2 Gen2Ev)
  - Training in the field of imaging
  - Learn new techniques outside of your lab
- **Check the list proposed by Paris-Saclay, IRTELIS program, Collège de France**
  - General trainings
  - Languages, how to write a scientific paper, ....
- **Congresses, workshops, ...**
- **Online : MOOCs (FunMooc), etc.**
- **SPECIAL EVENTS OF SDSV**
  - **Annual meeting of the doctoral school (2 credit points / oral comm: 3 points)**



**Always ask for a certificate of attendance  
(needed for validation)**

# How to find the right course

**Catalog:** <https://www.universite-paris-saclay.fr/en/recherche/doctorat-et-hdr/complementary-doctoral-activities-and-training>



The screenshot shows the website header with the University of Paris-Saclay logo and navigation menus. The main content area is titled 'COMPLEMENTARY DOCTORAL ACTIVITIES AND TRAINING'. It includes a text paragraph about the objectives of a PhD degree in France, a navigation bar with three buttons ('The catalog', 'Register for a training', 'Skills' validation'), and a section titled 'Objectives and expectations' with a sub-section 'PhD training plans' containing a link to a PDF document.

**universit  PARIS-SACLAY**

OTHER WEBSITES Accessibility English

ADMISSIONS EDUCATION RESEARCH COLLABORATIONS CAMPUS LIFE ABOUT

## COMPLEMENTARY DOCTORAL ACTIVITIES AND TRAINING

Print this article Share this article

In France, the PhD degree has plural objectives. In addition of the research training, the PhD also includes complementary work and course (some of them are compulsory). Those activities are thoughtful, planned and adaptable. They must contribute to the development of skills of future doctors, defined in the 22 February 2019 decree, which registered the PhD in the national directory of professional certification.

**→ The catalog Register for a training Skills' validation**

### Objectives and expectations

#### PhD training plans

→ **Training plans for PhD students:** Objectives, expectations and validation of complementary PhD training and activities. **A guide to understand the principles common** to all doctoral schools (translation in coming)

Les plans de formation doctorale Objectifs, attendus et validation des formations et activit s doctorales compl mentaires - (pdf 558.29 KB)

**Many online options :** <https://www.fun-mooc.fr/>



# Validation of training points

- Paris-Saclay courses are directly validated by *course organizers*
- All other training actions need to be uploaded in ADUM and validated by the *Doctoral school*

**OUR NAME**

Libellé Intégrité scientifique dans les métiers de la recherche

Catégorie Se former à l'éthique de la recherche et l'intégrité scientifique

Organisateur et ville Université de Bordeaux

Année Univ 2023 - 2024 Début 01/12/2022 Fin 09/02/2023

Heures 15 | Crédits/Points 1 **5 h <-> 1 credit point**

Compétences acquises à l'issue de la formation

Cette formation vise à :

- vous informer sur les enjeux de l'intégrité scientifique,
- vous alerter sur les mécanismes qui peuvent pousser aux manquements,
- vous inciter à développer le sens des responsabilités et à vous comporter en vigie de l'intégrité

Objectif \* former à l'éthique de la recherche et à l'intégrité scientifique

Actions concernant la formation

Enregistrer modifications SANS valider la formation Valider directement la formation Supprimer avec email Supprimer SANS envoi de email Email sans action

Contenu/Programme

L'objectif de cette formation est de diffuser une culture de l'intégrité scientifique au sein des établissements. Plus qu'à transmettre des

Compétences RNCP

Bloc 1 : Conception et élaboration d'une démarche de recherche et développement, d'études et prospective

- Disposer d'une expertise scientifique tant générale que spécifique d'un domaine de recherche et de travail déterminé
- Faire le point sur l'état et les limites des savoirs au sein d'un secteur d'activité déterminé, aux échelles locale, nationale ou internationale
- Identifier et résoudre des problèmes complexes et nouveaux impliquant une pluralité de domaines, en mobilisant les connaissances et les savoir-faire les plus avancés
- Identifier les possibilités de ruptures conceptuelles et concevoir des axes d'innovation pour un secteur profess[ Sans titre ]
- Apporter des contributions novatrices dans le cadre d'échanges de haut niveau, et dans des contextes internationaux
- S'adapter en permanence aux nécessités de recherche et d'innovation au sein d'un secteur professionnel

Bloc 2 : Mise en œuvre d'une démarche de recherche et développement, d'études et prospective

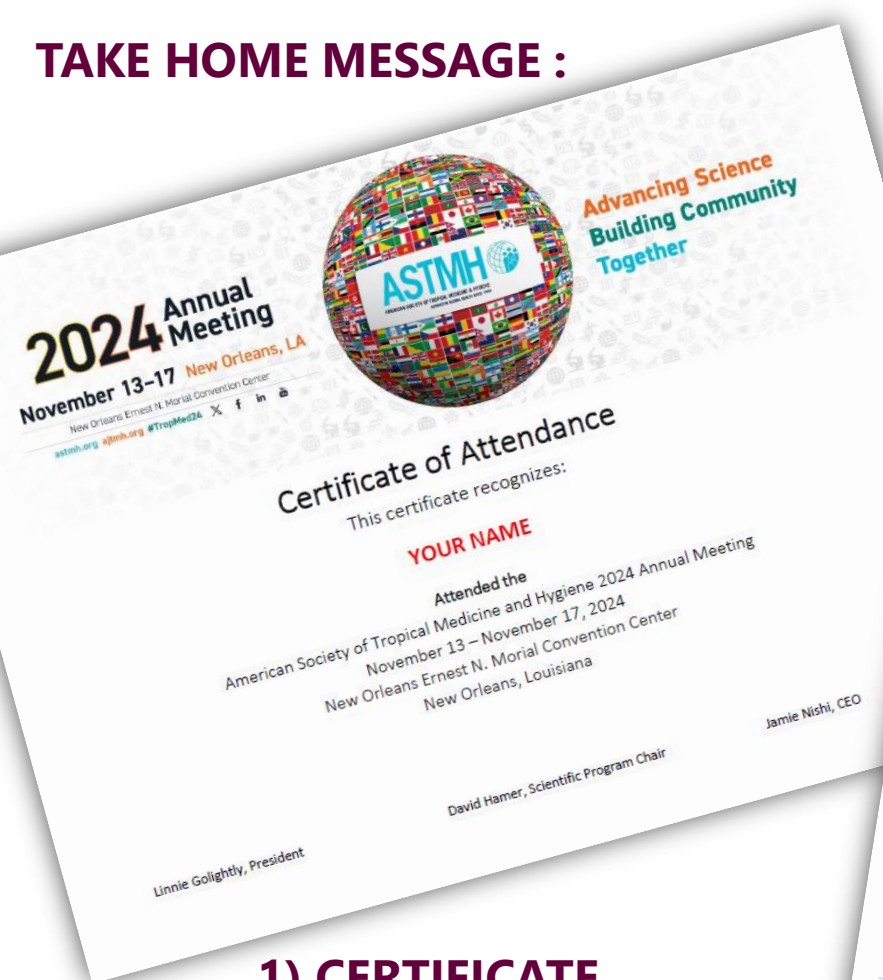
Bloc 3 : Valorisation et transfert des résultats d'une démarche R&D, d'études et prospective

Bloc 4 : Veille scientifique et technologique à l'échelle internationale

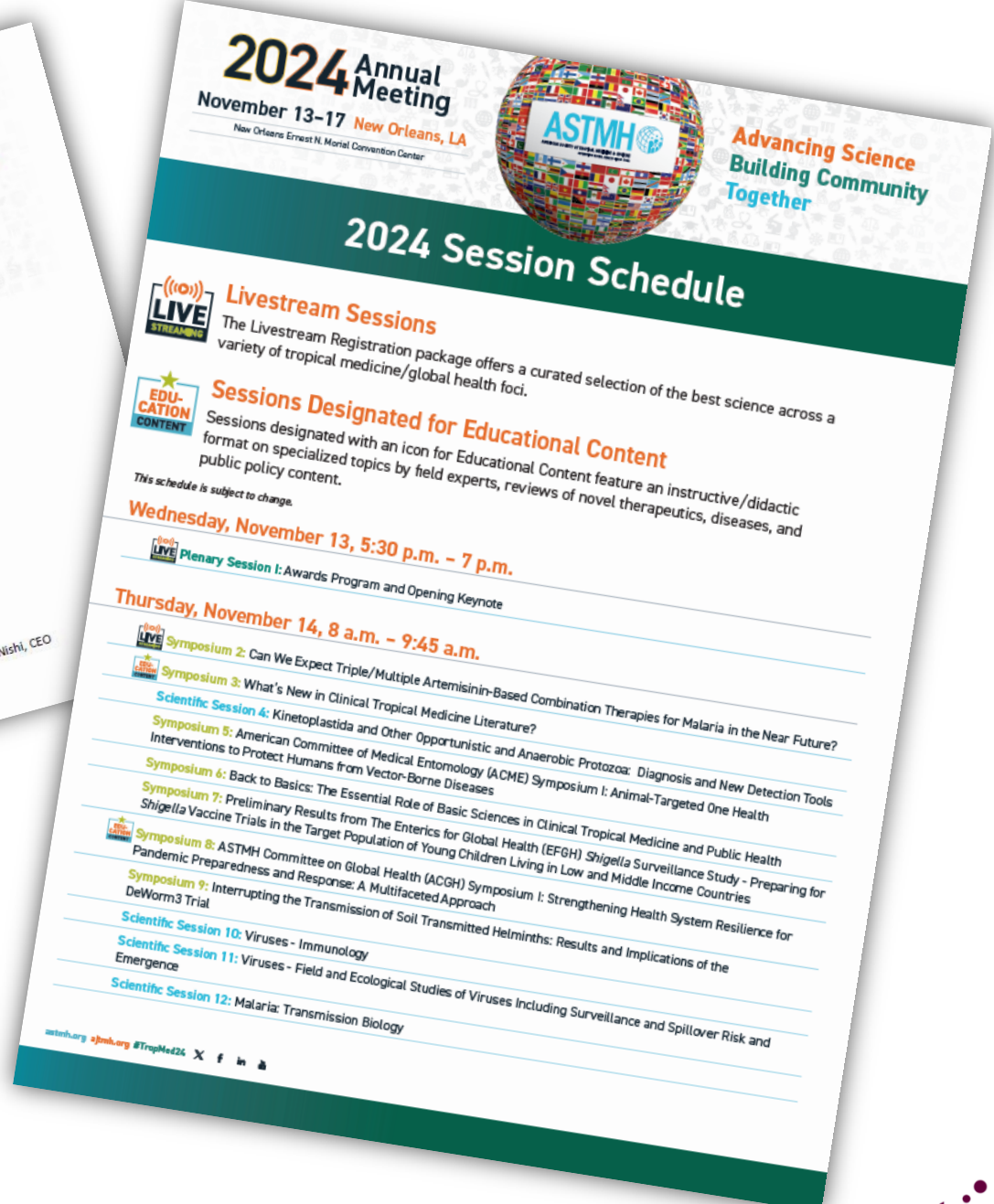
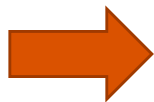


**Do not forget to attach the attendance certificate and the detailed program (number of hours) !**

# TAKE HOME MESSAGE :



**1) CERTIFICATE  
+ 2) DETAILED PROGRAM**





# The progress of your thesis

## What is requested before the PhD defense?

- **At least 25 points in terms of skill blocks**
- **At least one paper in first author**
  - International Journal (rank A with peer review)
- **Your thesis in 3 years**
  - Possible derogation for a 4th year, if there is a financial support
  - No 5th year
  - Possibility of European PhD
- **You must maintain your file with up to date informations during 3-5 years after the defense**

# At least one paper in first author

- International Journal (rank A with peer review)
- Before to defend your PhD
  - If you have not yet published your results, you must request an exemption (on the website of SDSV) and argue why no results have been published and when you plan to publish them.
  - The exemption will only be accepted if a complete draft is ready and submitted to a journal.
  - Publications deposited on a platform such as BioRxiv or PCI (peer community in) are accepted as regular paper
  - No possibility for your supervisor to have a new student before the publication of your results.

# PhD Defense in 3 years

## Administrative process completely dematerialized BUT:

- **4 months before your PhD Defense:**
  - discuss with your director concerning the jury composition: you must follow the **NEW** rules which can be found on the website
- **6 months before:**
  - discuss with your director concerning the confidentiality of your thesis manuscript
- **24-30 months before (just at the beginning of your thesis):**
  - discuss with your director concerning the possibility to obtain the European Doctorate Label

# The European Doctoral Label

- Recognition of the European dimension of a doctorate
- The “European Doctorate”, or “Doctor Europaeus” is a label awarded by Université Paris-Saclay and applies to the national doctorate diploma, already internationally recognised under the European Undergraduate-Graduate-Post-Graduate framework, and which enables recognition of the European dimension of the PhD project.
- It is open to PhD students from European Community member countries, and extended to other states of the European Free Trade Association (Switzerland, Iceland, Norway, Lichtenstein).
- All European Community institutions authorised to deliver a doctorate can also deliver the “European Label” upon completion of the oral thesis presentation, subject to the following conditions:

# The European Doctoral Label

- The doctorate must, in part, have been prepared during a research internship period of **at least three months in another European country**.
- Oral thesis presentation authorisation is granted on the basis of reports submitted by at least three professors comprising at least two from higher education institutions from two European countries other than the country in which the oral thesis presentation is to be held. The host laboratory representative cannot submit this report.
- At least one member of the jury should belong to a European higher education institution from a different country to that in which the oral thesis presentation is held.
- Part of the oral thesis presentation should be conducted in an official language of the European Community which is not the language of the country in which the presentation is held.

# Before asking a question at SDSV, please contact the following addresses:

## Email addresses to contact for questions relating to:

- registration / defense : [ed.sdsv@universite-paris-saclay.fr](mailto:ed.sdsv@universite-paris-saclay.fr)
- university library for depositing the thesis manuscript:
  - for referent FdSO: [theses-sciences.scd@universite-paris-saclay.fr](mailto:theses-sciences.scd@universite-paris-saclay.fr)
  - for referent UVSQ : [theses.doctorat.bib@uvsq.fr](mailto:theses.doctorat.bib@uvsq.fr)
  - for referent UEVE : [bu-theses@listes.univ-evry.fr](mailto:bu-theses@listes.univ-evry.fr)
- student card: [cartes.doctorat@universite-paris-saclay.fr](mailto:cartes.doctorat@universite-paris-saclay.fr)
- graduation ceremony: [ceremonie.doctorat@universite-paris-saclay.fr](mailto:ceremonie.doctorat@universite-paris-saclay.fr)
- doctoral degrees : [diplomes.doctorat@universite-paris-saclay.fr](mailto:diplomes.doctorat@universite-paris-saclay.fr)
- trainings : [jean-christophe.sandoz@universite-paris-saclay.fr](mailto:jean-christophe.sandoz@universite-paris-saclay.fr)
- international joint supervision : [cotutelles.internationales@universite-paris-saclay.fr](mailto:cotutelles.internationales@universite-paris-saclay.fr)
- China Scholarship Council (CSC) scholarship: [csc.phd@universite-paris-saclay.fr](mailto:csc.phd@universite-paris-saclay.fr)

## PSL PhD students, please contact:

- l'ESPCI : [suzanne.rera@espci.psl.eu](mailto:suzanne.rera@espci.psl.eu), Institut Curie Paris
- Mme Odile Vo Phi : [odile.vo-phi@psl.eu](mailto:odile.vo-phi@psl.eu), ENS ULM, Paris

## Sites dedicated to doctoral studies

In reconstruction due to cyberattack

université  
PARIS-SACLAY

Welcome to  
The Doctoral School  
« Structure et Dynamique  
des Systèmes Vivants »

