



université
PARIS-SACLAY

ÉCOLE DOCTORALE

**Innovation thérapeutique:
du fondamental à l'appliqué**

Doctoral school ITFA (ED 569)

<https://www.universite-paris-saclay.fr/ecoles-doctorales/innovation-therapeutique-du-fondamental-lapplique-itfa>

université
PARIS-SACLAY

GRADUATE SCHOOL
Health and
Drug Sciences

Programme of « AMPHI de rentrée »



- 1- Presentation of the doctoral School ITFA by the director: Sandrine Onger / Séverine Péchiné
- 2- Presentation of the mandatory training by the deputy director: Tâp Ha Duong
- 3- PsychoSocial Risks : Workshop by Laetitia Pereira
- 4- Presentation of ADIT : association des doctorants de l'ED ITFA
- 5- Presentation of the Graduate School Heads
- 6- Questions?
- 7- Discussion with your pole manager

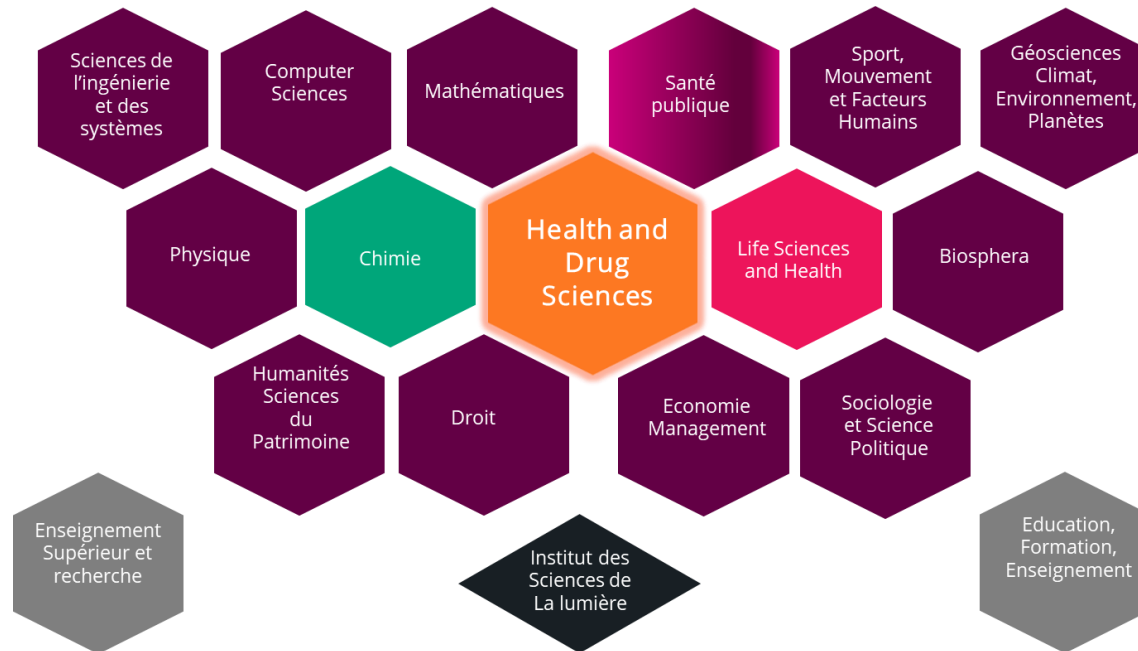
Closing event : ADIT party !

The Graduate School HeaDS



The Graduate Schools are permanent structures of the University of Paris-Saclay which bring together research and training activities in a disciplinary or thematic field.

GS HeaDS activities are centred on health, in particular medicines, health products and therapeutic innovation, through three complementary areas of research: fundamental, translational and clinical.



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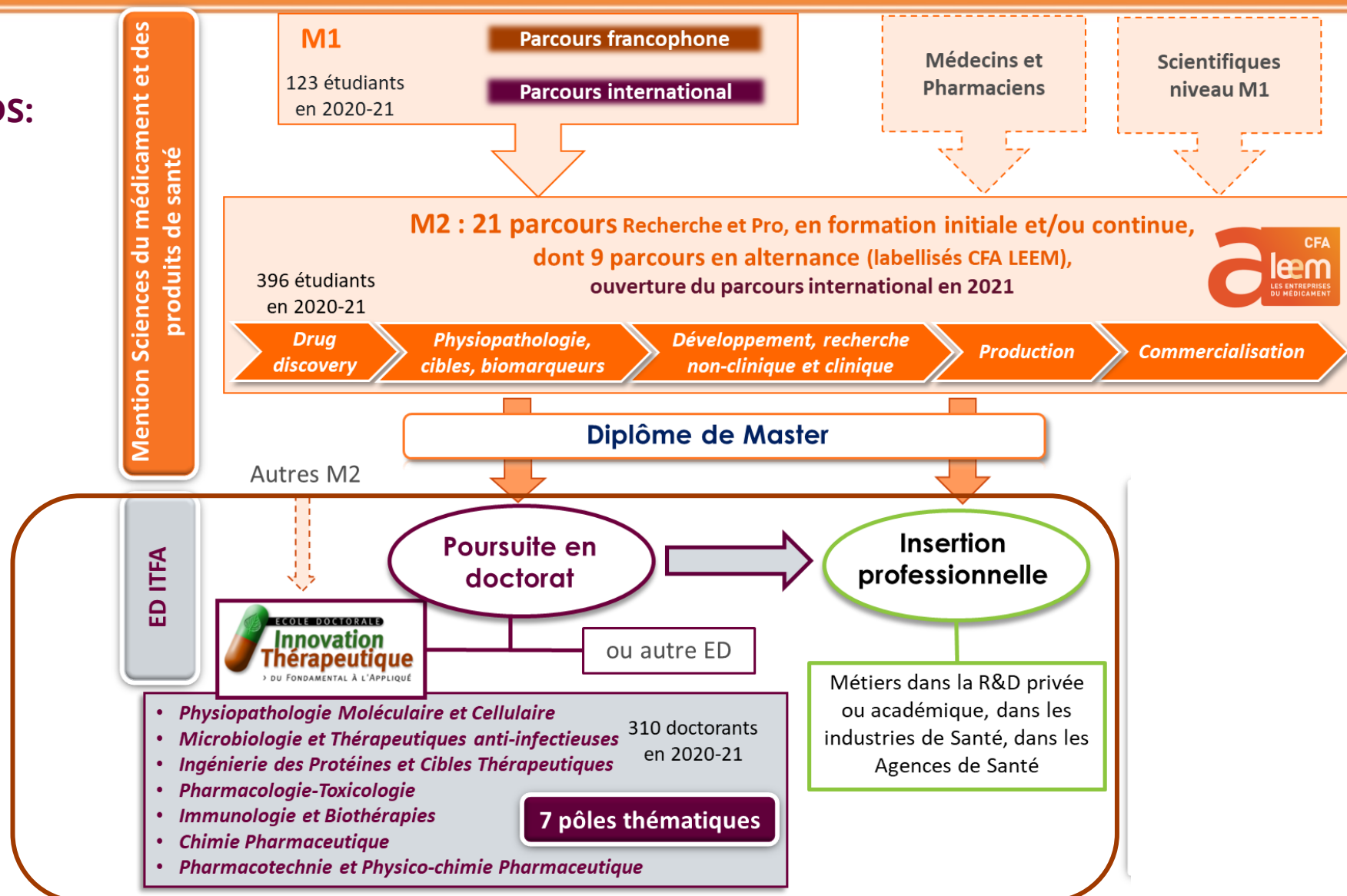
GRADUATE SCHOOL
Health and
Drug Sciences

DS ITFA (569) in the Graduate school (GS) Health & Drug Sciences (HEADS)



Director of GS HEADS:
Delphine Joseph

DS ITFA →



Doctoral school ITFA (569) in the doctoral college



- ✓ **Doctoral college of Paris Saclay University**
- ✓ **Director: Sandrine Onger** (replaced Sylvie Pommier the 1st of Oct 2024)
- ✓ **21 Doctoral schools ~ 4300 PhD students**
- ✓ **Common politics and rules according to french ministry** (arrêté du 26 Aout 2022 modifiant l'arrêté du 25 mai 2016, fixant le cadre national de la formation et les modalités conduisant à la délivrance du diplôme national de doctorat)
- ✓ **La maison du doctorat (MDD) Director : Hamida Muller**



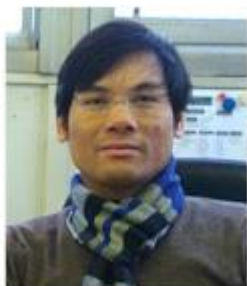
<https://www.universite-paris-saclay.fr/recherche/doctorat-et-habilitation-diriger-des-recherches-hdr>



New Director : Séverine Péchiné



New Deputy director:
Tâp Ha DUONG

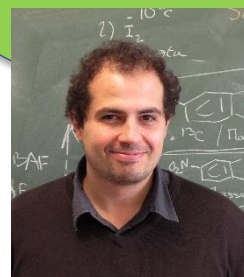


Administrative : Audrey Antoine



7 poles : multi- and inter-disciplinarity for therapeutic innovation

Pharmaceutical
Chemistry
L. FERRIE



Pharmacotechnie and
pharmaceutical
Physico-chemistry
S. MURA



Microbiology
and anti-infectious
therapeutics
I. KANSAU



Molecular
and cellular
physiopathology
F. Antigny



Protein engineering
and therapeutic targets
A. URVOAS



Immunology
et Biotherapies
B. MAILLÈRE



Pharmacology
Toxicology
S. Kerdine-Romer





Psycho-social risks manager

Dr. Laetitia Pereira



Assistant Professor in Pharmacology
University Paris Saclay

- ✓ **Certified Professional Coach**
- ✓ **PsychoSocial Risks specialization (PRS)**
- ✓ **Career coaching**
- ✓ **Team coaching**

- **Organization of PSR Seminar Workshops for PhD students (French-English)**
- **One of your interlocutor in case of professional or personal difficulties during your PhD**



Council ED ITFA

Composition see Règlement
intérieur ED ITFA



Maria ITEIF
Pathophysiology Pole



Claire Spitzlei
Pharmacotechnie Pole

PhD students representative (elected in 2023)



Murat SARAC
Chemistry Pole



Nathan PERRIGAULT
Pharmacotechnie Pole



Alexandre LECOMTE
Pharmacotechnie Pole



Virginie PAULET
Pathophysiology Pole



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Virginie PAULET
Pathophysiology Pole

AND

ADIT

Association des doctorants
en innovation
thérapeutique



<https://www.linkedin.com/in/ecole-doctorale-innovation-th%C3%A9rapeutique-27813912b/>

Doctoral school ITFA (ED 569)

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PARIS-SACLAY

ÉCOLE DOCTORALE
Innovation thérapeutique :
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~ 300 **PhD students**

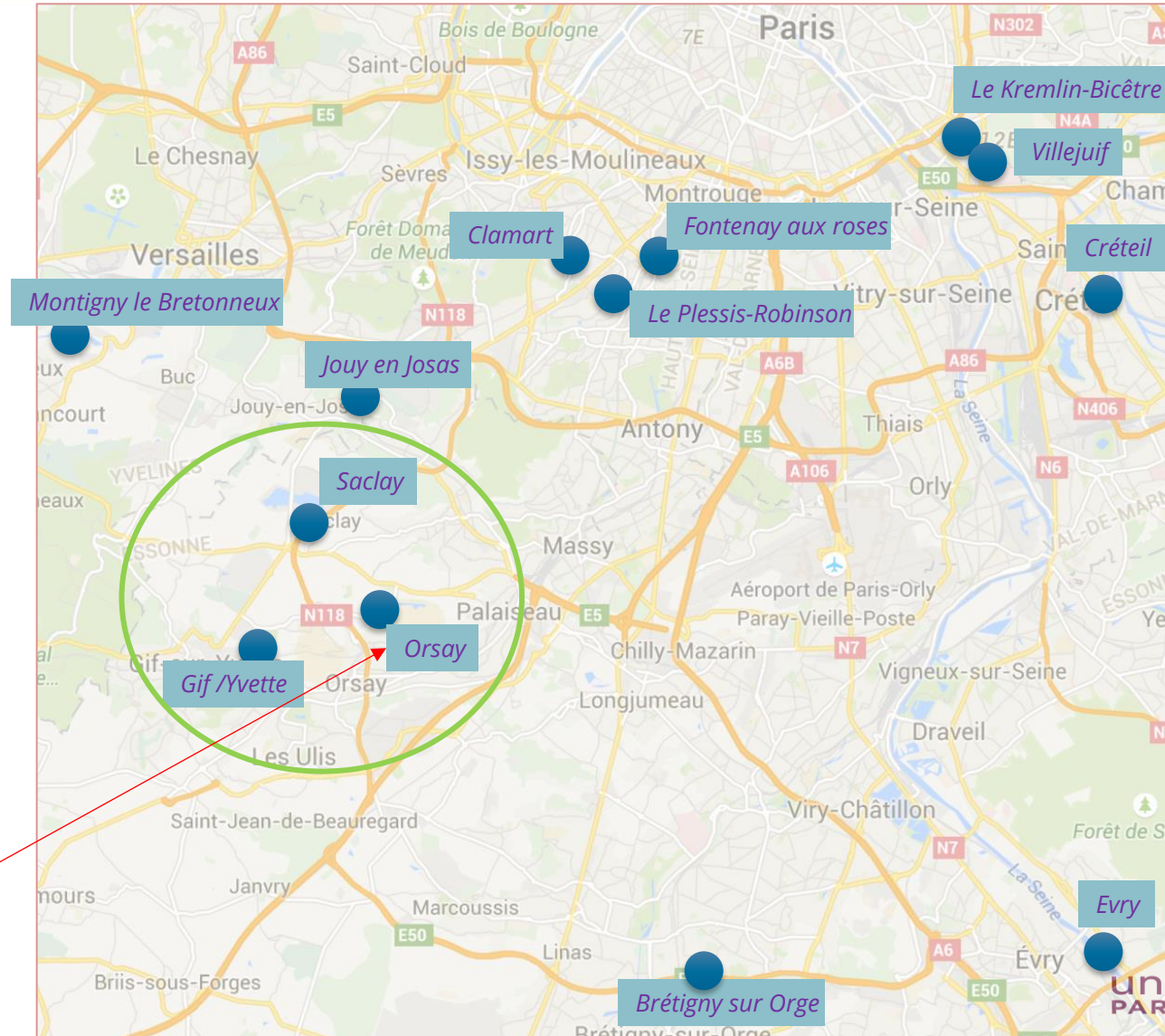
~ 40% men, 60% women
~ 35% non-french

397 **HDR**

543 **supervisors**

33 **Research units**

Address of ITFA administration
and Director:
Bat. Henri Moissan, 17 av.
des Sciences, 91400 Orsay



UPSaclay
UVSQ
UEVE

CEA, CNRS, INSERM,
INRAE, AgroParisTech,
ENS, IRSN, IRBA,
LADF, Pasteur...

université
PARIS-SACLAY

GRADUATE SCHOOL
Health and
Drug Sciences

Website of Paris Saclay University

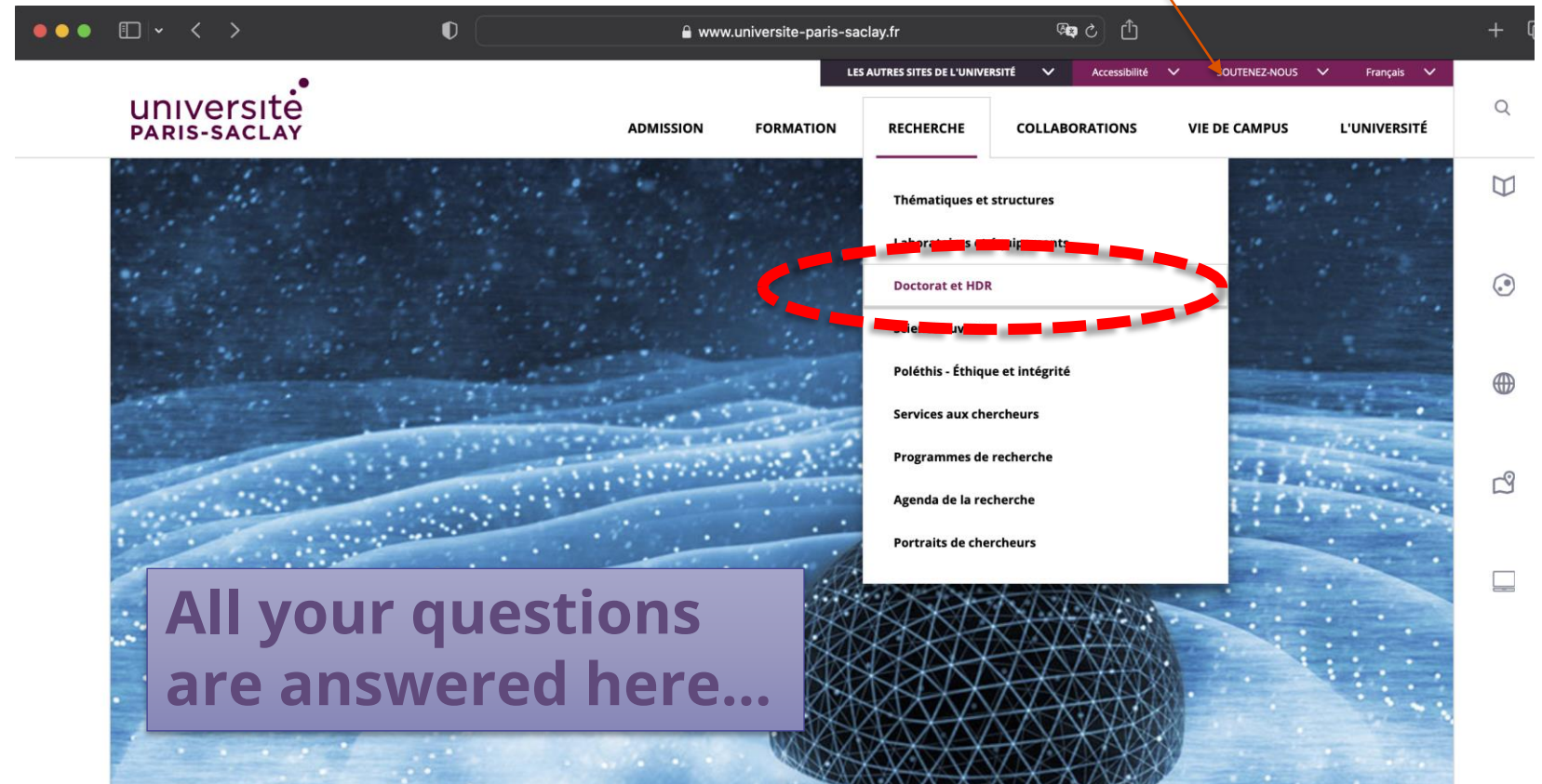
french and
english
versions



**Not yet available....
because of the
cyberattack**

More informations

<https://www.universite-paris-saclay.fr/>



<https://www.universite-paris-saclay.fr/recherche/doctorat-et-habilitation-diriger-des-recherches-hdr>

université PARIS-SACLAY

ADMISSION FORMATION RECHERCHE COLLABORATIONS VIE DE CAMPUS L'UNIVERSITÉ

Préparer un doctorat

Avant	Pendant	Après
→ Quel cadre pour préparer mon doctorat ?	→ Inscription et réinscriptions	→ Statistiques sur l'emploi (: PhDs' Future)
→ Les offres de sujets de thèse	→ Les formations et activités doctorales	→ Diplômes de doctorat
→ Les programmes doctoraux	→ Le guide du comité de suivi	→ Cérémonie de remise des diplômes
→ La cotutelle internationale de thèse	→ Le guide de la soutenance de doctorat	→ Offres d'emploi
→ Préparer son arrivée en France	→ L'international	
	→ Que faire en cas de problème ?	

Le cadre légal du doctorat

- Les textes de référence
- Charte du doctorat
- Règlement intérieur du doctorat
- Ethique de la recherche et intégrité scientifique
- Etre doctorant à l'Université Paris-Saclay
- Spécialités



<https://www.universite-paris-saclay.fr/recherche/doctorat-et-habilitation-diriger-des-recherches-hdr>



The 20 doctoral schools regroup about 5,000 PhD students from Université Paris-Saclay

Doctoral schools unite several research teams that take charge of student doctoral research programmes. They offer the future doctors high-level scientific supervision along with preparation for their professional life.

Doctoral schools are accredited by the State based on assessment. The accreditation of each doctoral school defines its specific fields of scientific specialisation. Accreditation is based on the scientific quality of the laboratories associated with each doctoral school, the recruitment procedure for doctoral students, policies for thesis funding, evaluation of educational programs, policies and supervision, partnerships within the social and economic arenas, and the encouragement of mobility and European and international openness.

The doctoral space is organised into 17 doctoral schools, all under the umbrella of Université Paris-Saclay, and three co-accredited doctoral schools, gathered within a single Doctoral College. The Université Paris-Saclay doctoral programme covers, on an entirely new level in France, a continuum ranging from fundamental sciences to applied sciences, emphasising interdisciplinarity and international openness. This programme is structured by the following doctoral schools:



Agriculture, alimentation, biologie, environnement, santé (ABIES)

[Read more](#)

Astronomie et astrophysique d'Ile-de-France

[Read more](#)

Cancérologie, Biologie, Médecine, Santé

[Read more](#)

Ecole doctorale de mathématiques Hadamard (EDMH)

[Read more](#)

Ecole Doctorale Ondes et Matière

[Read more](#)

Ecole doctorale Physique en Ile de France

[Read more](#)

Electrical, Optical, Bio: PHYSICS_AND_ENGINEERING (EOBE)

[Read more](#)

Innovation thérapeutique du fondamental à l'appliqué

[Read more](#)

Interfaces

[Read more](#)

<https://www.universite-paris-saclay.fr/ecoledoctorales/innovation-therapeutique-du-fondamental-lapplique-itfa>

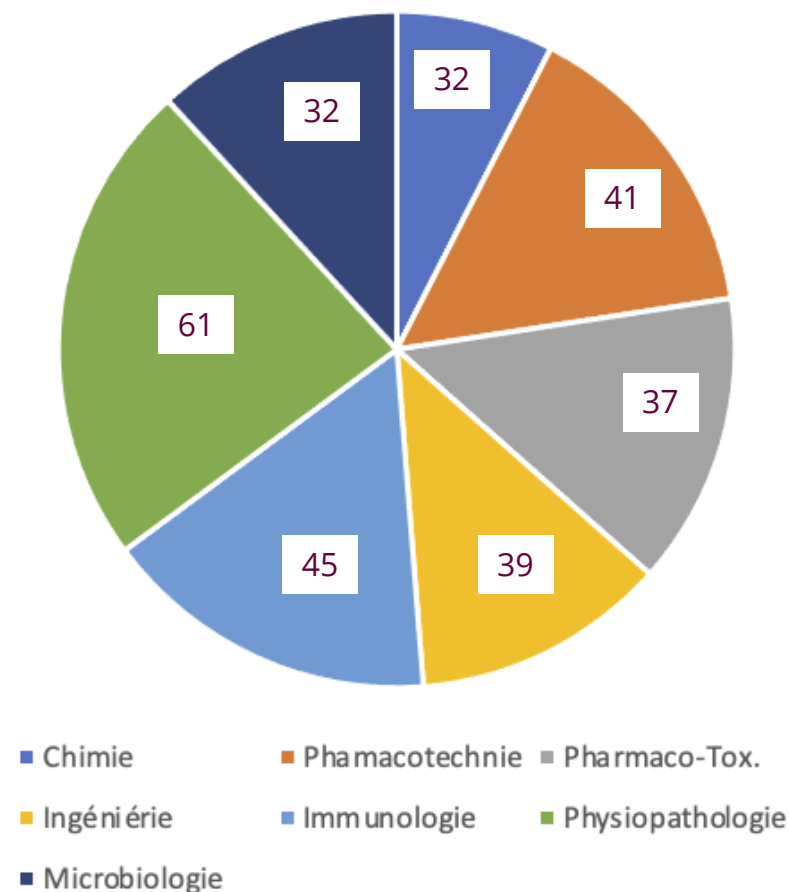
Who are the PhD students of ITFA?



286 PhD students
165 women
121 men

**Average length of
thesis ~42 months**

Pole Breakdown



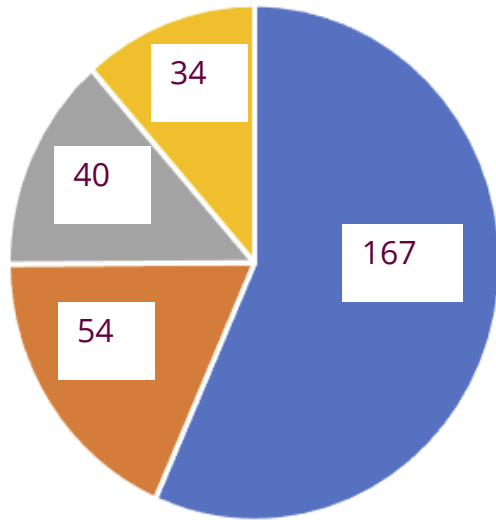
13 Specialities of DS ITFA

Structural biology
Biotherapy
Chemistry of natural substances
Medicinal chemistry
Health law
Health economics
Immunology
Microbiology
Pharmacotechnics and biopharmacy
Surgical sciences
Toxicology
Physiology and pathophysiology
Pharmacological sciences

Who are the PhD students of ITFA?

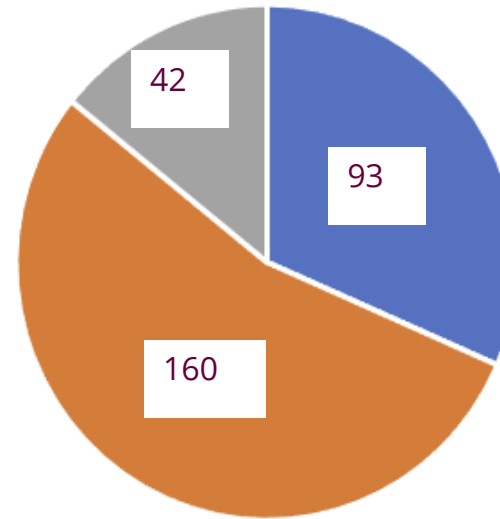


Origin of diploma



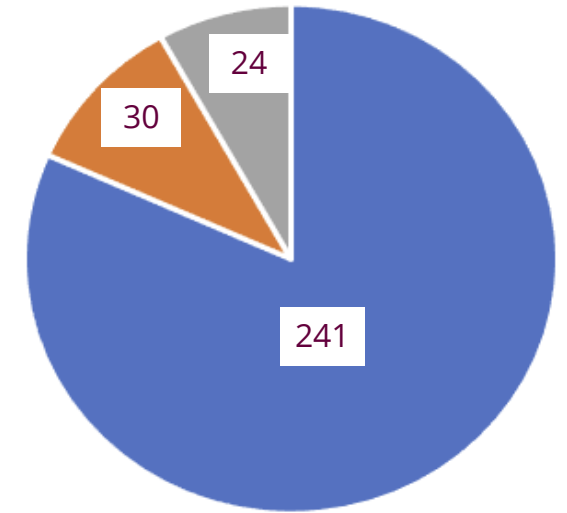
■ Master (Sciences) ■ Ingénieur ■ Médecine ■ Pharmacie

University of origin



■ Paris-Saclay ■ Autres Univ. FR ■ Univ. Etrangères

Type of funding



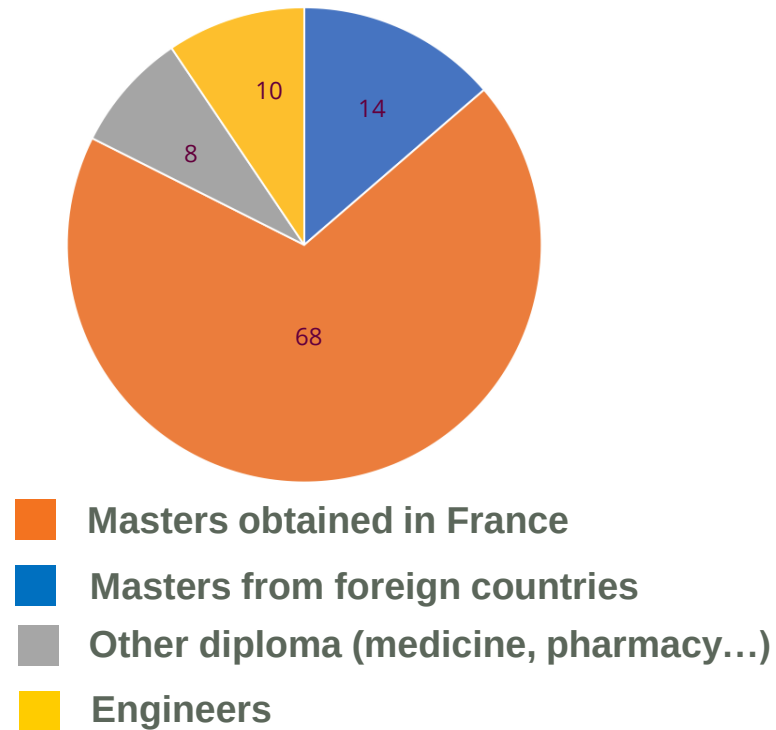
■ Contrat doctoral ■ Salariés ■ CIFRE

Who are the PhD students of ITFA?

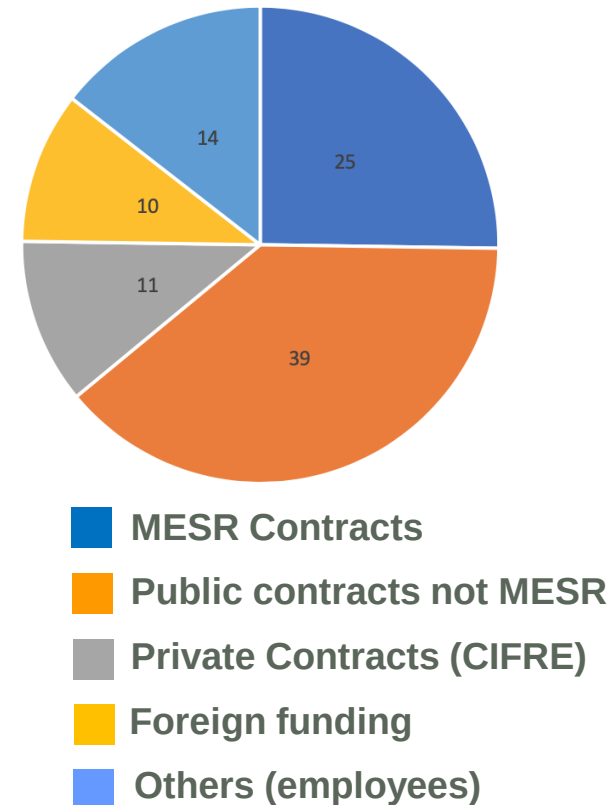


Gender balance: ~ 55% of women

Origin of diplomas opening access to PhD



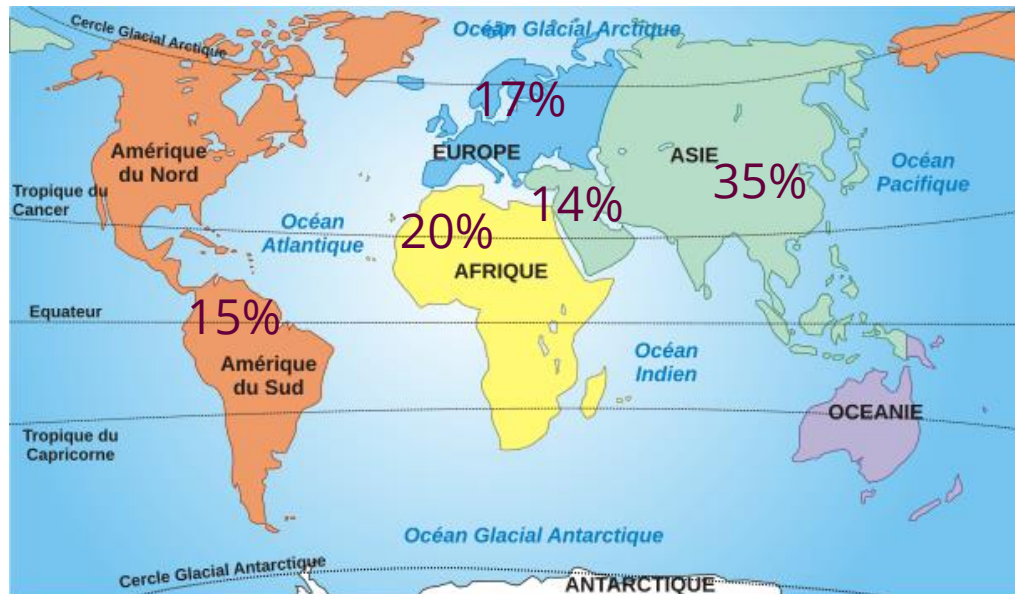
Funding





Encouragement for international recruitment and mobility

~35 % of foreign PhD students



Hosting & Information

Access to formation

Cotutoring

International Programmes

Mobility during and after the PhD

What is the Course of the PhD thesis?



- 3 years [Mean duration in the DS ~ 40 months]
- Financial support $\geq$ ~1420 € /month for a grant and 2 200 euros brut for a contract
- **CSI Comité de suivi** = Yearly thesis follow-up committee
 - **Before september : Mandatory** for registration in the next year
- **Derogation possible for a 4th registration**
 - **Only possible if financial support**
not necessary if the defense takes place before the Dec 31st of the 3rd year

Qualification /Competition

1st year
MEETING with your pole manager

Integration seminar

**COMITÉ DE SUIVI (CSI)
at the end of each year**

DEFENSE
Before december 3rd year

LISTENING AND ACCOMPANIMENT

What is the Course of the PhD thesis?



CSI Comité de suivi = Yearly thesis follow-up committee

- **Before september : Mandatory** for registration in the next year
- **2 members: one expert, one non-expert** (at least one HDR)
The PhD student must be consulted on the composition and choose the non expert
Both members exterior to the project → no conflict of interest

You must ask the **agreement of you responsible of pole** for your 2 members

- **Fill the Livret du CSI** : see on web site of ITFA or check your mails
- Presentation in 30 min of project progress and perspectives, then scientific discussion
- Private meetings with PhD student alone, then with Supervisors
- Recommandations / Alerts / Training follow-up / Career guidance
- **Written report + visa of your responsible of pole**

What is Course of the PhD thesis?



MANDATORY for the PhD defense

- **Publication:**
 - At least one publication submitted with 1st authorship
 - Contribution to writing ++
- **Formation « Training », scientific and transferable skills :**
See Tâp Ha DUONG presentation

What is Course of the PhD thesis?



MANDATORY for the PhD defense

- **Publication:**
 - At least one publication submitted with 1st authorship
 - Contribution to writing ++
- **Formation « Training », scientific and transferable skills :**
See Tâp Ha DUONG presentation

Other important contributions to the Doctoral school life

- **ADIT : meet other PhD students from your and other disciplines**
- **« Journées de l'Ecole Doctorale »** : yearly meeting organized by PhD students
- **Representatives to the council of the DS** + recruitment competition
- Representatives to the doctoral college
- Interactions with the Hceres committee

CHECK your messages received from Doctorat, ITFA and ADIT!



University of Paris-Saclay doctoral degree award ceremony

In June the year after your defense



INTERNATIONAL : Informations



✓ Visa applications, accomodation, bank account, health and social security cover, tourism, etc...

✓ Web site of Université PARIS SACLAY :

- **International Welcome Office :**

<https://www.universite-paris-saclay.fr/en/campus-life/international-welcome-desk>

- Welcome guide for international PhD students and researchers

https://www.universite-paris-saclay.fr/sites/default/files/2023-07/guide-accueil-chercheurs-internationaux-en-2023-numerique_0.pdf

- **GATE (Guichet d'Accueil des Talents Étrangers)**

<https://gate.paris-saclay.fr/en/>

- **Buddy Programme : International Mentoring (parrainage étudiants étrangers)**

<https://www.universite-paris-saclay.fr/parrainage-international>

Social Security registration for foreign students and residents of France's overseas collectivities



- ❑ Registration is mandatory and free of charge and will entitle you to reimbursement of your health care expenses

<https://etudiant-etranger.ameli.fr/#/>

- ❑ You can subscribe to a **supplementary mutual insurance** that will reimburse the remainder. This is not mandatory but is strongly recommended.

During the registration, one has to choose the organization which will take care of reimbursements:

- LMDE (La Mutuelle Des Etudiants) : www.lmde.com
- SMEREP (La Société Mutualiste des Etudiants de la REgion Parisienne). www.smerep.fr

Both organization give access to the « Sécurité Sociale » refunds and propose several complementary health insurance plans (« Mutuelle »). You must subscribe to the « Mutuelle » in order to benefit from the liability insurance.

Once affiliated, you will receive your final social security number and the carte vitale. The « Sécurité Sociale » will cover you from October 1st, to September 30th of the next year

French language, accomodation



❖ French language courses at Paris Saclay :

<https://www.universite-paris-saclay.fr/en/campus-life/international-welcome-desk/learning-french>
<https://www.universite-paris-saclay.fr/en/formation/internationalisation-languages-and-cultures>

❖ French language courses by the CNRS for people working in a lab of CNRS (even UMR) for at least 6 months:

4 sessions of 36 hours over the year

❖ Sites that can facilitate your stay (accomodation, language courses, tours ...) :

<https://www.universite-paris-saclay.fr/en/campus-life/international-welcome-desk>

<https://www.science-accueil.org/en/> (495 € for 60 hours)

<http://www.campusfrance.org/en>

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

Bourse de mobilité internationale doctorale

International doctoral mobility grant



Effectuer un séjour de recherche dans un laboratoire de recherche à l'étranger pendant votre doctorat

- **Erasmus + des doctorants** : Europe (2 à 12 mois) ou alliance EUGLOH (Ludwig-Maximilian University Munich (Germany), Lund University (Sweden), University of Porto (Portugal), University of Szeged (Hungary)
Get a **European label** of your PhD (minimum 3 months in an other European country)
- **Fulbright-Université Paris-Saclay** : Commission Fulbright franco-américaine et UPSaclay

<https://www.universite-paris-saclay.fr/recherche/doctorat-et-hdr/bourses-de-mobilite-internationale-doctorants>

- **Graduate School « Health & Drug Sciences » appel à projet (AAP) "New Expertise"** a pour **objectif de développer et de renforcer les réseaux de recherche internationaux stratégiques**

2 semaines Europe ou hors Europe

le 15/11/2023 pour la première vague,

le 15/05/2024 pour la seconde

Procedure for cotutelle Université Paris-Saclay- Foreign University

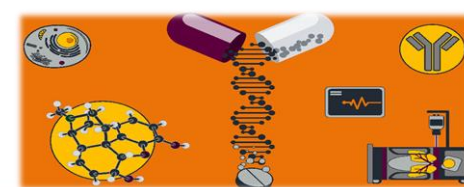


Agreement to establish the first year of your PhD to get a double diploma from two countries

<https://www.universite-paris-saclay.fr/recherche/doctorat-et-hdr/cotutelle-internationale-de-these>

Contact for Université Paris-saclay :
cotutelles.internationales@universite-paris-saclay.fr
for ITFA : sandrine.ongeri@ universite-paris-saclay.fr

AND AFTER THE PhD....



Ask yourself from the 2nd year of PhD : What do you want to do with your diploma? Academic? Private sector? Research? Other careers? International Post-Doc? Training « what to do after a PhD? Which careers? »
GS HEADS organizes a workshop in november each year: « Quels métiers après la thèse »

Create a network : go to seminars, conferences, meet senior scientists and other PhD students

ADIT, Linkedin of ED ITFA : <https://www.linkedin.com/in/ecole-doctorale-innovation-th%C3%A9rapeutique-27813912b/>

France : <https://www.abg.asso.fr/fr/candidatOffres>
<https://www.linkedin.com/>

International: <https://euraxess.ec.europa.eu/jobs>
<https://www.linkedin.com/>

❖ **Actions Marie Curie :**

<https://ec.europa.eu/research/mariecurieactions/>

Individual fellowship with a project built with a lab from another european country

Call : ~June / Deadline for submission : October / Start : ~ Avril of next year

DETECTION OF DIFFICULTIES / CONFLICT RESOLUTION



DO NOT WAIT!!! Whatever the nature of the difficulties: communication difficulties, any form of conflict, discrimination, moral or sexual harassment or sexist behavior

- 1- communicate with the **supervisor and / or co-supervisor**
- 2- or communicate with the **director of the unit**
- 3- or communicate with the **“responsible of your pole”**
- 4- and/or speak during the **CSI** (Monitoring Committee) with the 2 members or during the year with the non-expert of the CSI
- 5- or contact **Laetitia Pereira (Psycho-social risks manager), or workplace medicine, psychologist**
- 6- or speak to your **representative elected PhD students**
- 7- or communicate with the **director of the Doctoral School**: severine.pechine@universite-paris-saclay.fr

New at UPSaclay : In case of **discrimination, moral or sexual harassment or sexist behavior**
dispositif DALIDA (dispositif Alerte Inclusion Diversité Accueillant)
contact.dalida@universite-paris-saclay.fr

Devenir des PhD de l'ED ITFA: Situation professionnelle au 1er décembre 2021

des docteurs de l'ED ITFA diplômés en 2018 et en 2020

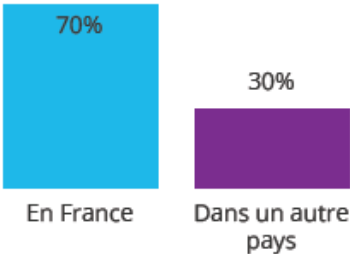


Fiche synthétique

Docteurs enquêtés 122 Taux de réponse 64%

5,1% des docteurs en situation de chômage
(sans emploi et qui en recherchent un)

Lieu de travail



Ceux qui sont en emploi, ont des activités de :

Recherche et développement

41%

Oui

Enseignement supérieur et recherche

35%

Oui

Conseil, études, expertise

9%

Oui

Valorisation

14%

Oui

Enseignement (hors enseignement supérieur et recherche)

1%

Oui

Satisfaction générale vis à vis de l'emploi occupé

- Très insatisfait
- Insatisfait
- Satisfait
- Très satisfait



Salaire net mensuel médian

2 522

Docteurs en emploi, en France et à temps plein, tous secteurs confondus

Salaire net mensuel médian en entreprise

2 920

Docteurs en emploi, en France et à temps plein, en entreprise

Satisfaction

Satisfaction générale vis à vis de l'emploi occupé



● Très insatisfait ● Insatisfait ● Satisfait ● Très satisfait

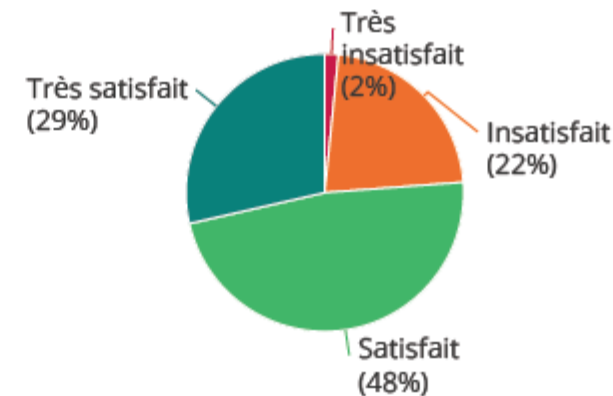
Satisfaction vis à vis de l'adéquation de l'emploi avec la qualification



Satisfaction vis à vis des perspectives de carrière



Satisfaction vis à vis de la rémunération



Salaire net mensuel médian

2 522

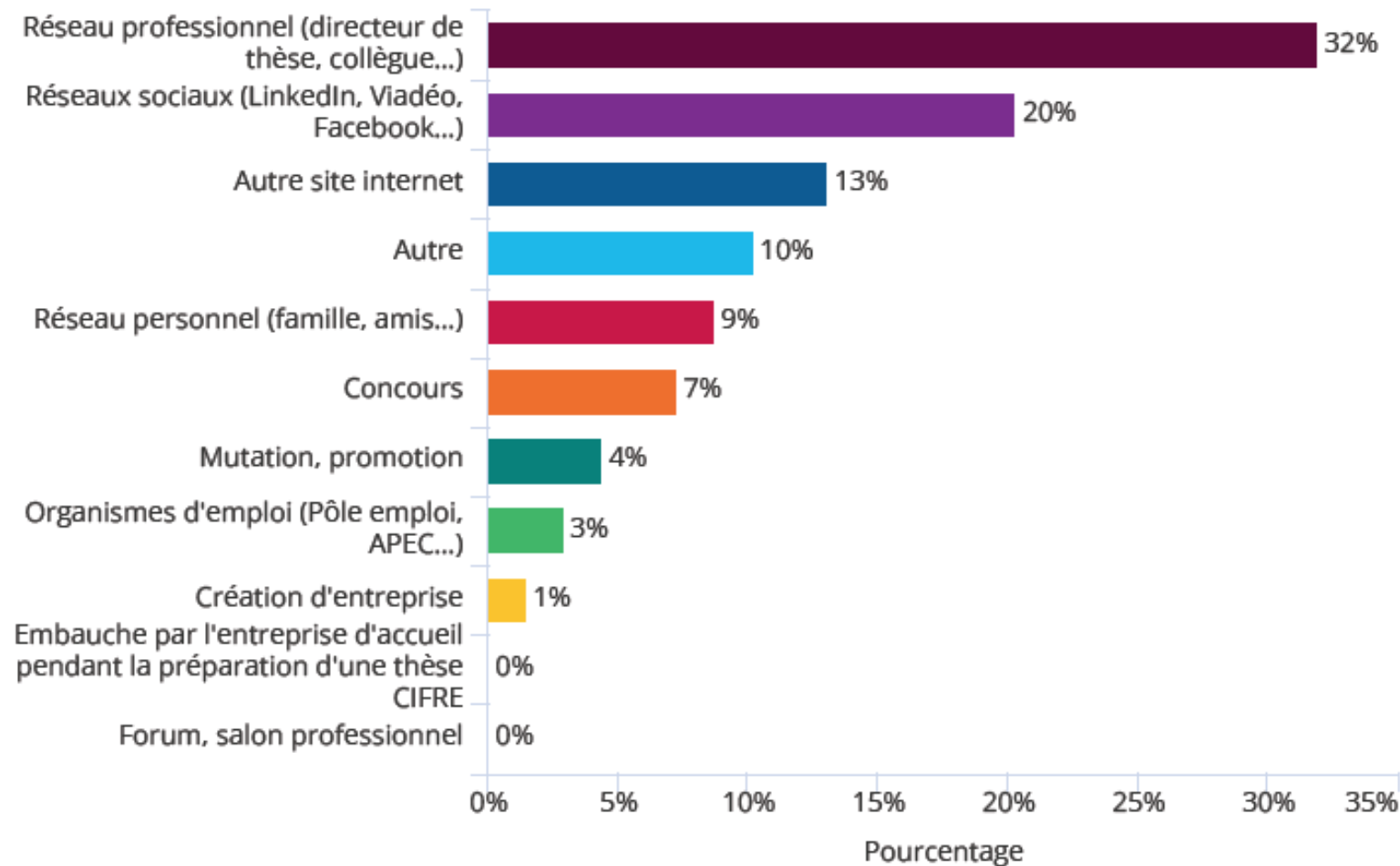
Population étudiée : Lieu_de_travail...

Satisfaction vis à vis de l'ouverture (internationale etc.)

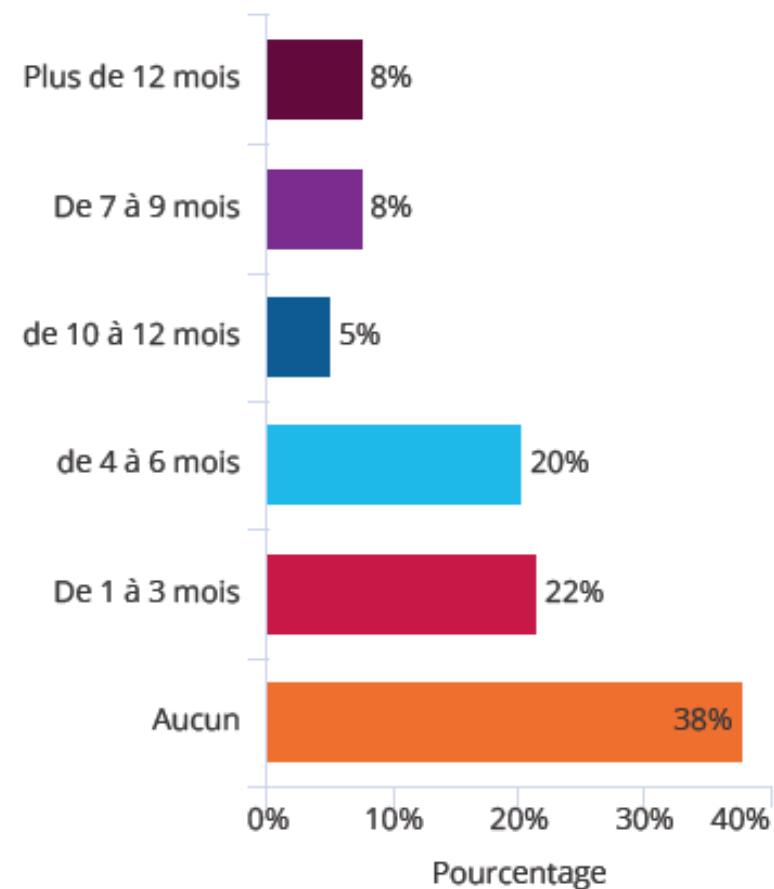


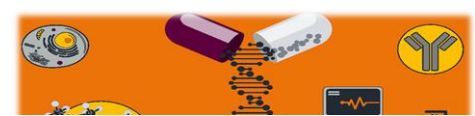
La recherche d'emploi

Comment ont-ils trouvé l'emploi qu'ils occupent actuellement ?



Combien de mois en situation de chômage entre la soutenance et le 1er décembre 2021 ? (sans emploi et en recherche d'emploi)





Leurs activités et responsabilités

L'emploi comporte : Des activités d'encadrement de personnels



L'emploi comporte : La gestion d'un budget



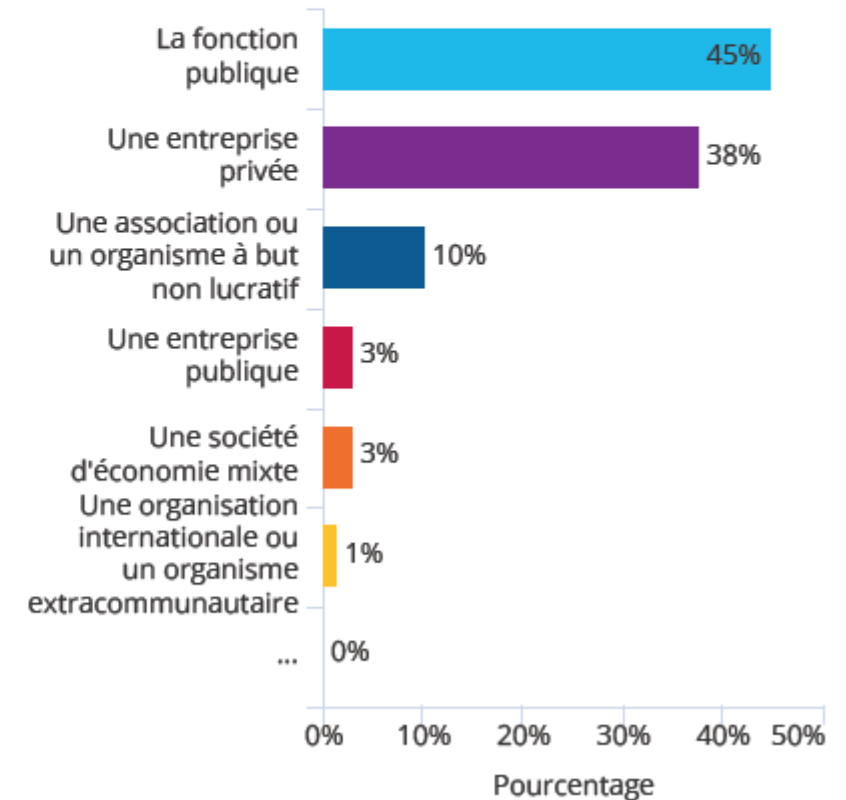
L'emploi comporte : Des travaux menés dans un cadre international



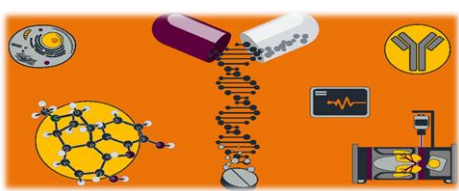
L'emploi comporte : Des responsabilités de chef de projet



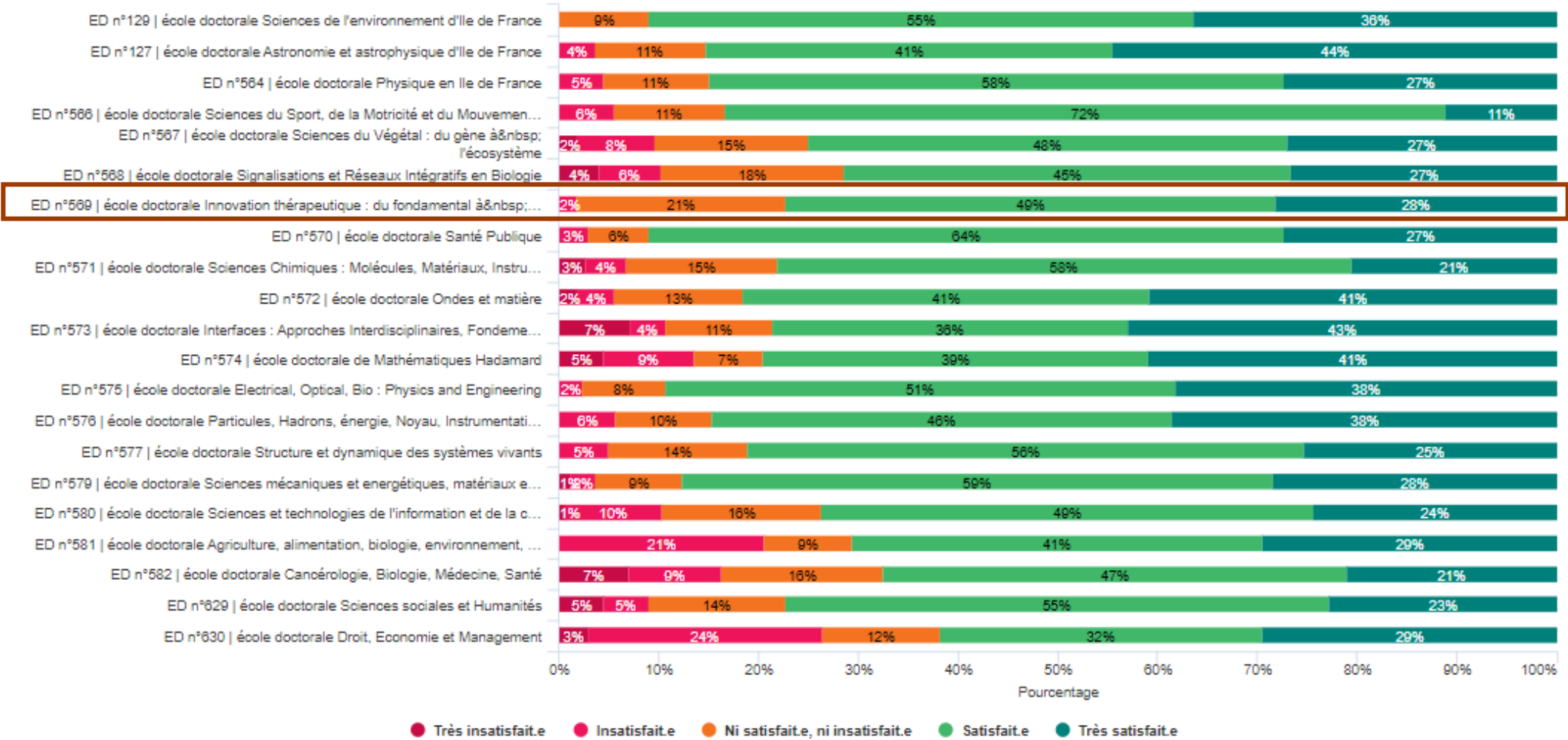
Type d'employeur au 1er décembre 2021



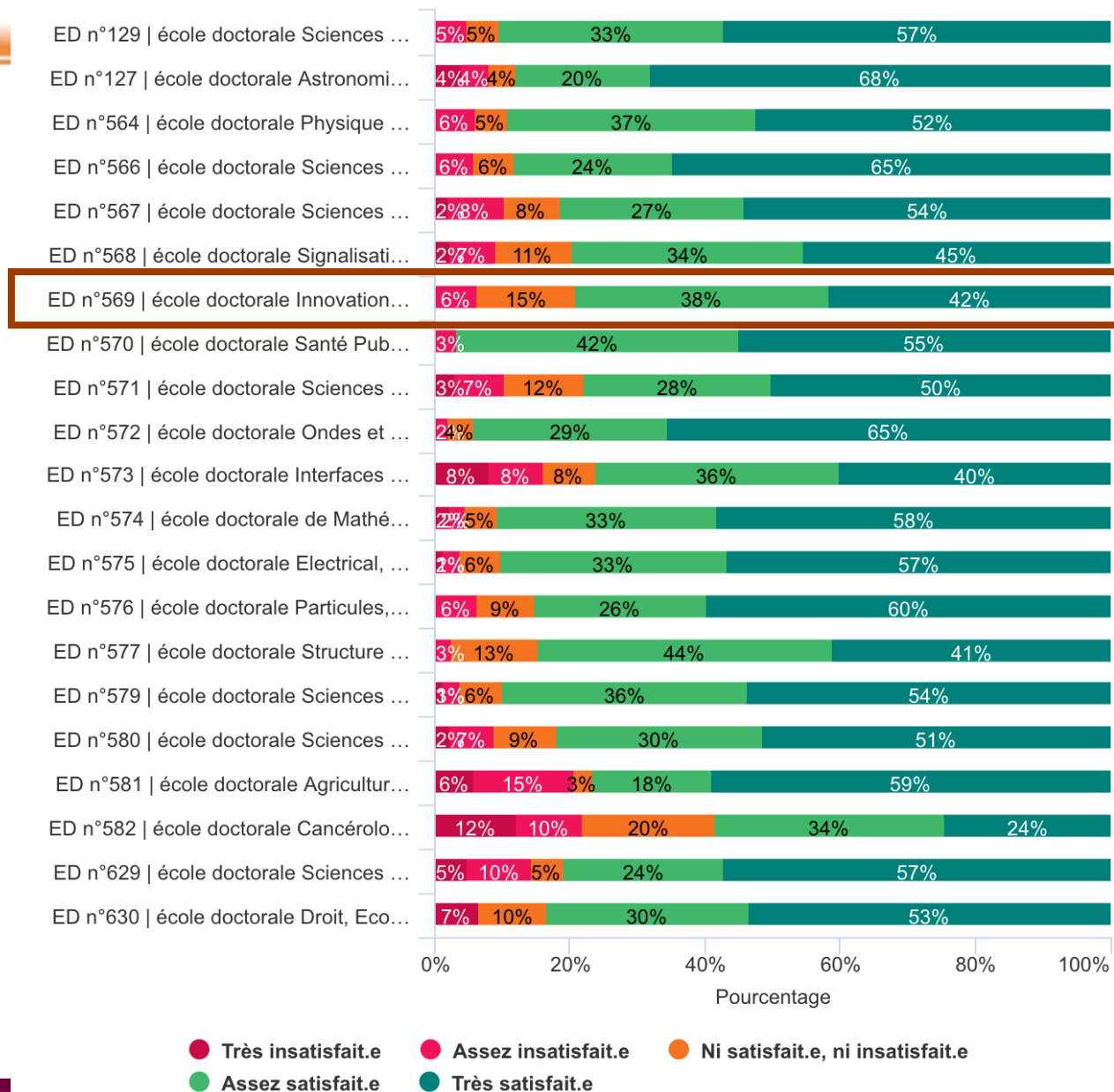
Enquête réalisée, par le réseau national des collèges doctoraux, via les écoles doctorales françaises, auprès des doctorants, inscrits en 2022-2023, et auprès de leurs encadrants. Entre le 16 janvier et le 17 février 2023. Réponses ~ 1500 sur ~ 4000 doctorants à UPSaclay



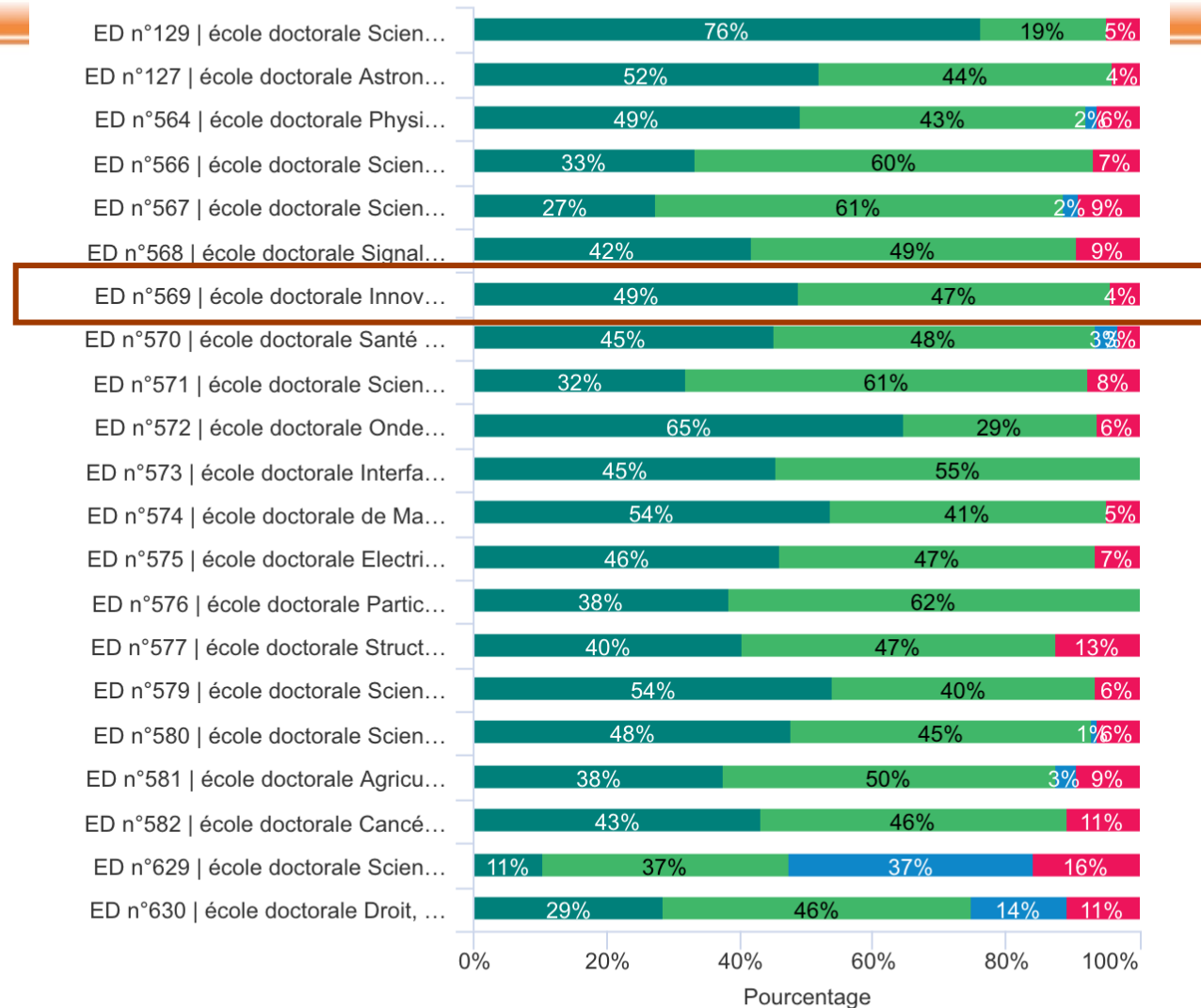
Niveau général de satisfaction vis à vis de l'expérience du doctorat selon l'école doctorale



Niveaux de satisfaction exprimés vis à vis de l'encadrement selon l'école doctorale.

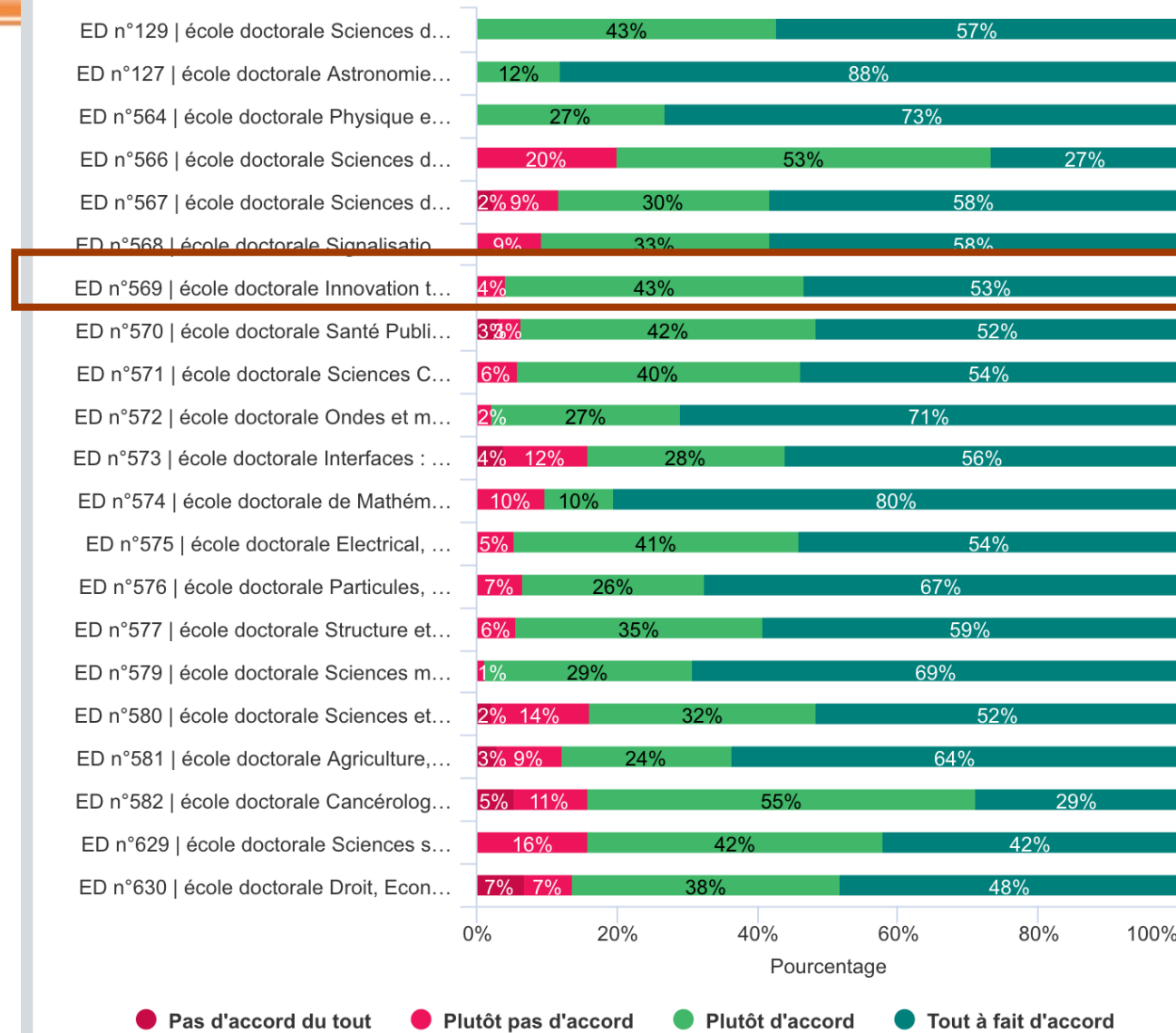


Réponses à la question : "Sur le plan matériel, êtes vous satisfait.e des conditions dans lesquelles se déroulent vos recherches (matériel, locaux de recherche, bureau et équipement, moyens pour mener les travaux ...)" ?, selon l'école doctorale.



● Oui, très satisfait.e
 ● Oui, satisfait.e
● On n'a rien mis ou presque à ma disposition, je mène mes travaux de recherche par mes pr...
● Non, insatisfait.e

Réponses à la question : "J'ai la possibilité d'assister localement à des cycles de séminaires, des conférences, colloques et autres exposés me permettant d'acquérir une culture scientifique large et variée" selon la région de rattachement de l'école doctorale



Reflection topics



- *Why do you want to make a PhD thesis?*
- *Why is a PhD important for your career ?*
- *From your point of view, what is thesis success ?*
- *Which would be the factors of this success?*
- *What is the value of the publication, why is it a key factor for your defense?*
- *What is the role of your thesis supervisor?*
- *What does your thesis supervisor expect from you ?*
- *Did you READ the doctoral charter?*
- *What do you want to do after the PhD diploma? Which Career?*

Advices : Work hard, be curious, communicate !