



*Welcome meeting
Doctoral School
for Life Sciences and Health,
University of Strasbourg,
ED 414*

Introduction to PhD training 2021 - 2022

16 December 2021



Outline

- ◆ Doctoral College - University of Strasbourg
- ◆ DS Life Sciences and Health - Organization
- ◆ DS Life Sciences and Health – Facts
- ◆ Rules for PhD enrolment – PhD defence
- ◆ Thesis follow-up meeting, CST, etc.
- ◆ Introduction to Open Sources
- ◆ Training
- ◆ Discussion



Doctoral College Strasbourg University

10 Doctoral Schools – 5 Human and Social Sciences, 4 Sciences & technology, 1 Life Sciences and Health

2400 - 2500 PhDs

470 PhD defences / year

Transversal training

Administration - registration - PhD defences - Diploma

Doctoral School for Life and Health Sciences, ED 414

University of Strasbourg

- ◆ 500+ PhD candidates registered
- ◆ 460+ PhD supervisors
- ◆ 152 Research teams
- ◆ 28 Research Units
- ◆ Broad spectrum of research areas:
genetics, bioinformatics, molecular biology, structural biology, developmental biology, oncology, eco-physiology, ethology, immunology, microbiology/virology, neurosciences, pharmacology, pathophysiology, behavioural sciences, plant sciences, etc.

ED Life Sciences and Health

includes 28 Research units distributed in 7 « Grands Groupes de Recherche, GGR »

BMCPM : Biologie Moléculaire, Cellulaire, Plantes, Microorganismes

BP : Biophotonique et Pharmacologie

EE : Écophysiologie et Éthologie

IGBMC : Institut de Génétique et de Biologie Moléculaire et Cellulaire

ICB : Interface Chimie-Biologie

MT : Médecine Translationnelle

N : Neurosciences

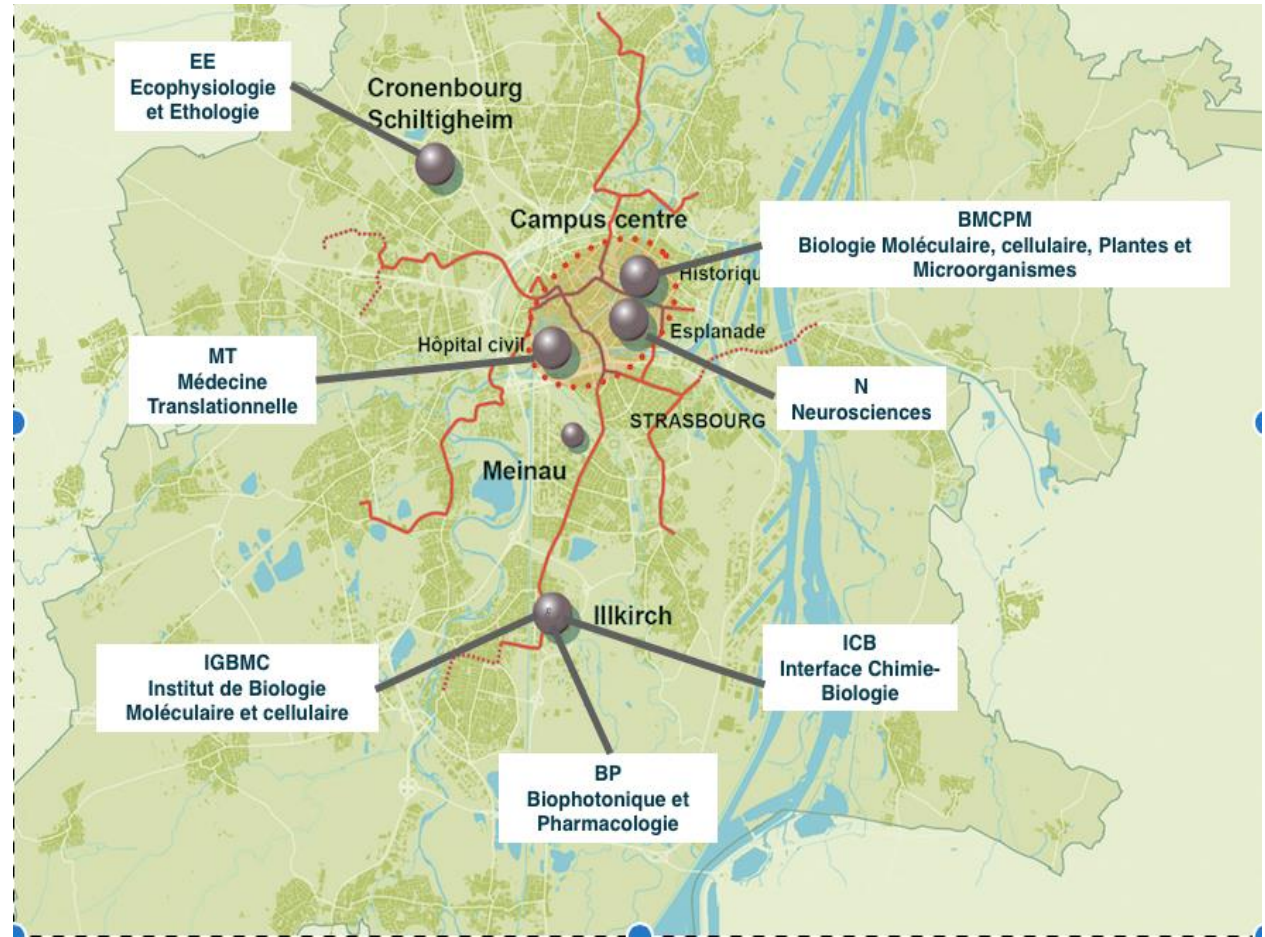
GGR geographical distribution

Strasbourg

- ◆ Esplanade
- ◆ Illkirch
- ◆ Campus Médecine
- ◆ Cronenbourg

Colmar

- ◆ Centre Inra



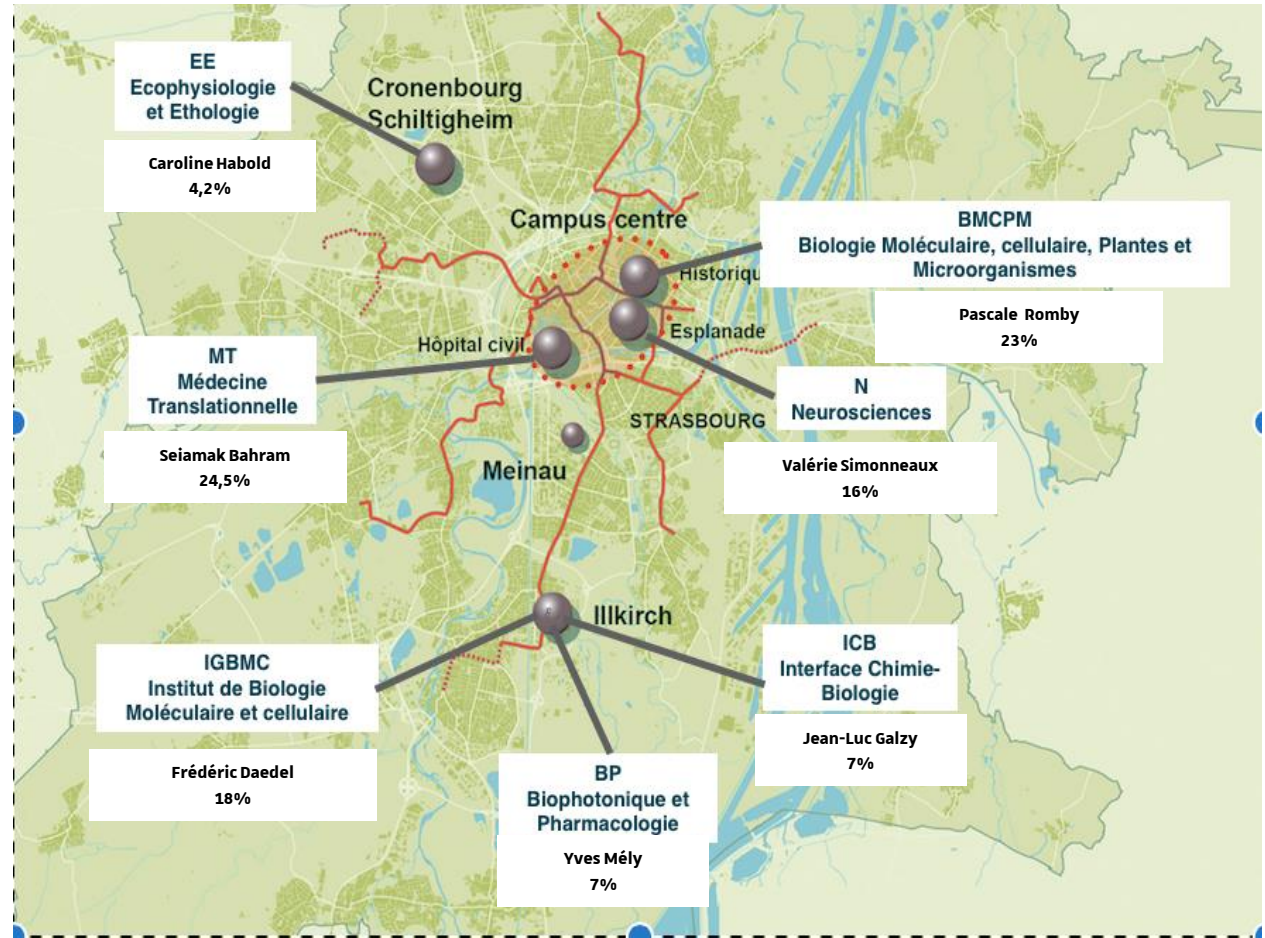
GGR in terms of PhD supervisor forces

Strasbourg


- ◆ Esplanade
- ◆ Illkirch
- ◆ Campus Médecine
- ◆ Cronenbourg

Colmar

- ◆ Centre Inra




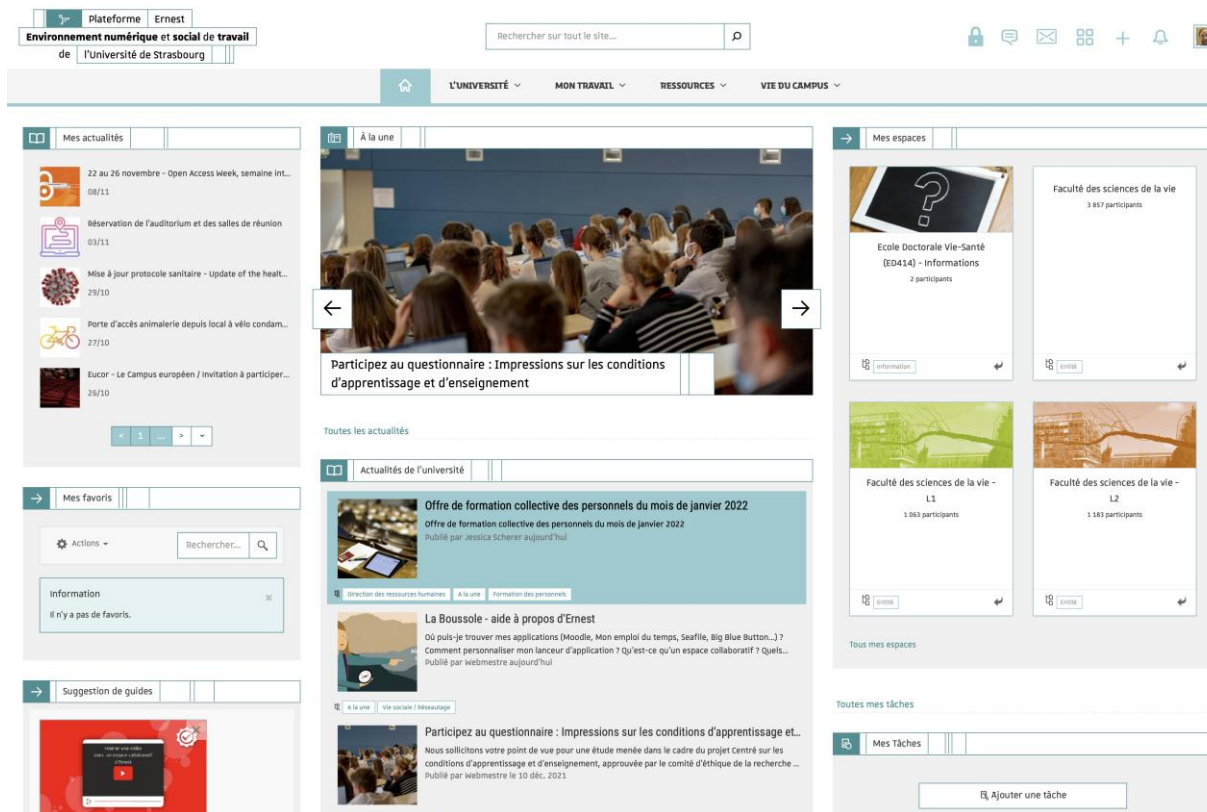
Doctoral School for Life Sciences and Health

 **For any question, please have a look on our website before sending a mail or calling** <http://ed.vie-sante.unistra.fr/>



Doctoral School for Life Sciences and Health

 You can register to « personal space » through « Ernest » (Digital Work Environment) to get alerts for recent news and find useful documents



The screenshot displays the Ernest platform interface, which is a digital work environment. The top navigation bar includes the logo for the 'Plateforme Ernest' and 'Environnement numérique et social de travail de l'Université de Strasbourg'. A search bar is located in the top right. Below the navigation bar, the main content area is divided into several sections:

- Mes actualités:** A list of recent news items with dates and brief descriptions, such as '22 au 26 novembre - Open Access week, semaine int...' and 'Réservation de l'auditorium et des salles de réunion'.
- À la une:** A featured article titled 'Participez au questionnaire : Impressions sur les conditions d'apprentissage et d'enseignement' with a large image of a lecture hall.
- Actualités de l'université:** A section for university news, featuring an article titled 'Offre de formation collective des personnels du mois de janvier 2022' and another titled 'La Boussole - aide à propos d'Ernest'.
- Mes espaces:** A section for personal spaces, showing various groups and their member counts, such as 'Ecole Doctorale Vie-Santé (ED414) - Informations' with 2 participants and 'Faculté des sciences de la vie' with 3 857 participants.
- Mes favoris:** A section for favorite items, currently empty.
- Suggestion de guides:** A section for suggested guides, featuring a red button labeled 'Ajouter un guide'.
- Mes tâches:** A section for tasks, featuring a button labeled 'Ajouter une tâche'.

The Doctoral School organisation is defined by the French government

Article 1^{er} de l'arrêté ministériel du 25 mai 2016

“Doctoral training is organized in doctoral schools. It’s defined as a **research training**, a professional research experience resulting in the highest graduation of the university.

“...**Implement a policy** in frame with the general policy of the university...”

-“...Ensure the **quality of the PhD supervision** by research teams and units, ensure the respect of the Charter of theses ...”

- "...Organize interactions between doctoral scientists, possibly within a college of doctoral school programs of the university ..."

- "...Organize training courses relevant for PhD candidate's research and professional training, offering a broad scientific background..."

- "...Research units and research teams are evaluated and labelled by a national evaluation..."

Doctoral School organization

Direction

Councils and Commission
Members

Administration Staff

Director board of the Doctoral School



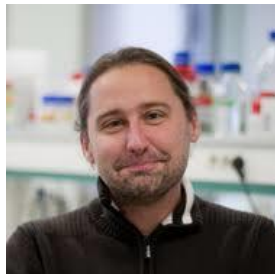
Dr Catherine Schuster,
Head of the Doctoral School

*Research Director Inserm
Deputy Head, Inserm unit UMR_S1110
Institute for Viral and Hepatic Disease*



Pr Maxime Lehmann,
Deputy head of the Doctoral School

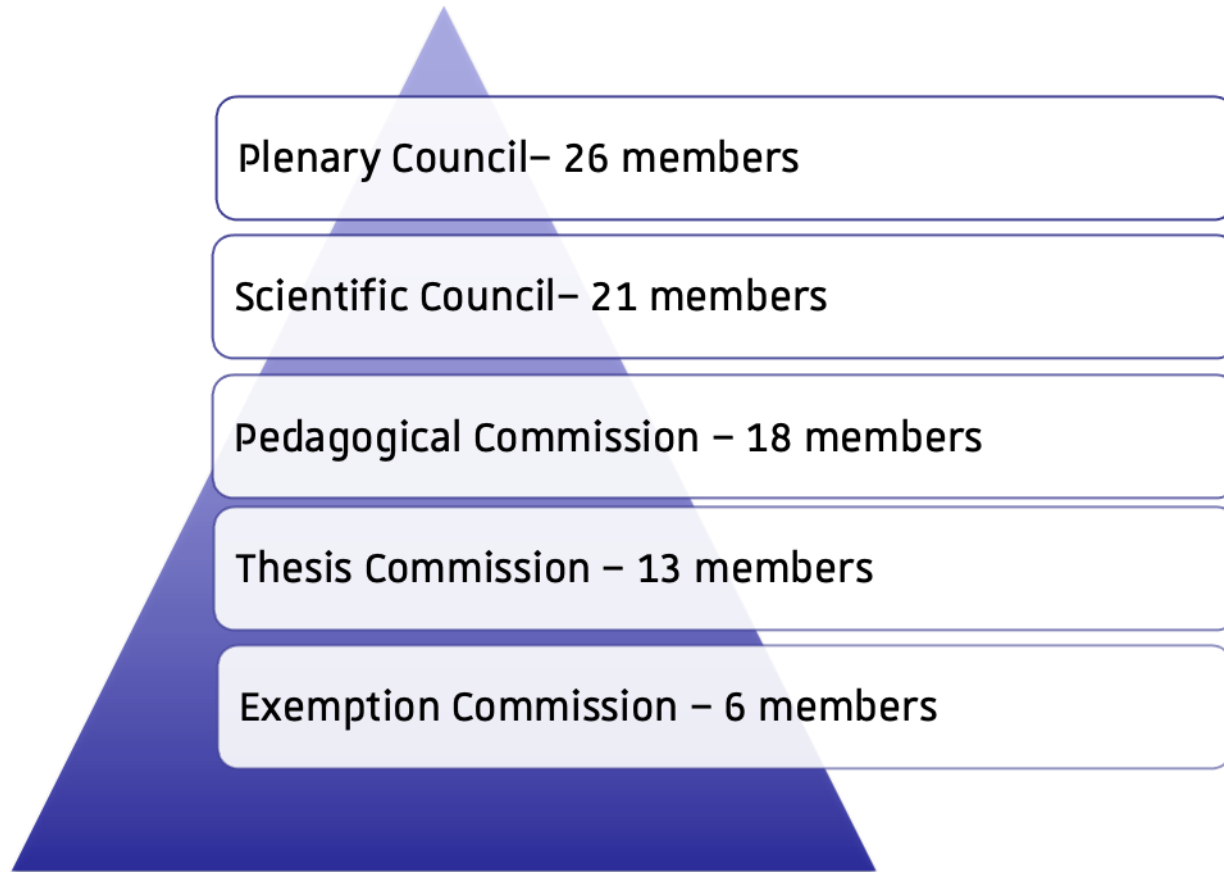
*Professor, Université of Strasbourg
Faculty of Pharmacy*



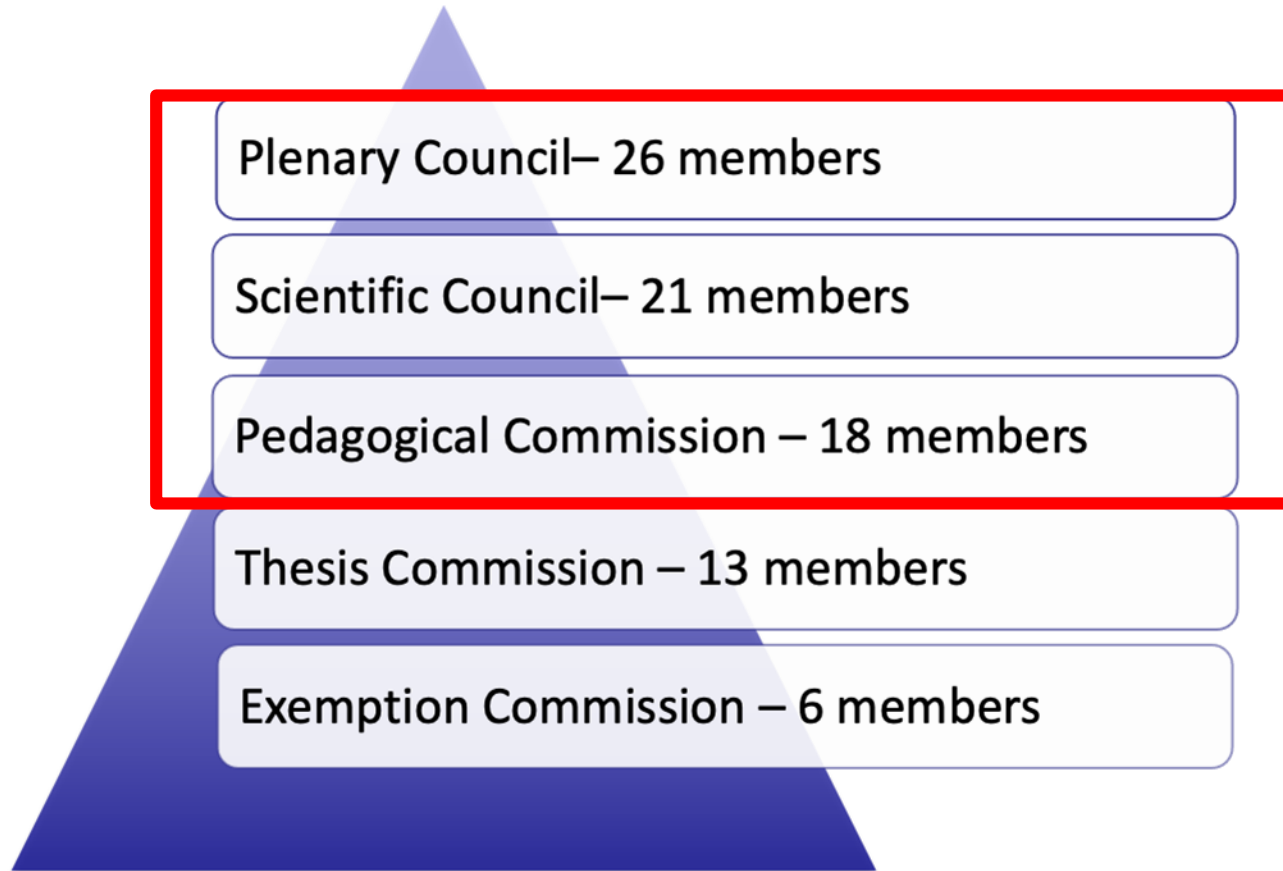
Dr Frédéric Gros,
Pedagogical Director

*Assistant Professor, University of Strasbourg
INSERM Unit UMR_S1109
Molecular Immuno-Rheumatology*

Councils and Commissions



Councils and Commissions



Councils and Commissions

5 PhD candidates are part of the ED councils and commissions

Guillaume GROB, [UMR 7156 Génétique Moléculaire et Génomique Microbiologie \(GMGM\)](#)

Clémence GIERE, [UPR 3212 Institut des Neurosciences Cellulaires et Intégratives \(INCI\)](#)

Marina PIERREVELCIN, [UMR 7213 Laboratoire de Biophotonique et Pharmacologie](#)

Giulia LAFOND-BRINA, [UMR S1114 - Neuropsychologie cognitive et physiopathologie de la schizophrénie](#)

Orian GILMER, [UPR 9002 Architecture et réactivité de l'ARN](#)

Plenary Council– 26 members

Scientific Council– 21 members

Pedagogical Commission – 18 members

Thesis Commission – 13 members

Exemption Commission – 6 members

Secretary of the Doctoral School



Mélanie MUSER



melanie.muser@unistra.fr



office n° 127 – Collège Doctoral Européen

- ♦ Committee and Councils organization
- ♦ Interlocutor for the thesis follow-up committees
- ♦ **Communication**
- ♦ **PhD pedagogical admission (PIT)**
- ♦ **ED414 training courses for PhD candidates**
- ♦ Financial management
- ♦ Staff assistant

Administration staff members

Joëlle HUBÉ



joelle.hube@unistra.fr



office n° 124 – College Doctoral Européen

- ♦ Responsible of the College Doctoral
- ♦ **Contact for Teaching Missions**
- ♦ College Doctoral Council Organizer
- ♦ PhD Ceremony Organizer
- ♦ Many other tasks

Fayza FALLAH



Fayza.fallah@unistra.fr



office n° 133 – Collège Doctoral Européen

- ♦ **Interlocutor regarding PhD defence**
- ♦ **Contact regarding PhD admission** (student card, medical insurance, tuition and fees, student stickers...)
- ♦ PhD degree certificates
- ♦ **Registration at University**
- ♦ Staff assistant

Geraldine SCHVERER

 gs@unistra.fr

 office n° 123 – Collège Doctoral Européen

- ♦ Transversal Training offers of the Collège des Écoles Doctorales
- ♦ Training validations
- ♦ Staff assistant



Virginie HERBASCH



herbasch@unistra.fr



office n° 134 – Collège Doctoral Européen

- ♦ International Mobility
- ♦ Program Doctoral International (PDI)
- ♦ Financing mobility
- ♦ International joint supervised thesis : co-tutelle
- ♦ **International PhD candidate**



Marie DEROCHE



euraxess@unistra.fr



Maison Internationale Universitaire (MUI)
11 Presqu'île Malraux - Strasbourg

- ♦ EURAXESS Service Center
- ♦ Accompanies the foreign researchers in the preparation of their stay and installation in Alsace. The partnership agreement with the Prefecture of Bas-Rhin allows for an expedited procedure for filing an application for a residence permit.

Your implication in the life of the Doctoral School

- Scientific Council: 26 members, **5 are PhD candidates** elected by the others
- Pedagogical Council: 7 members, **2 are PhD candidates** elected by the PhD candidate community
- Participate in evaluation in the frame of the **Concours ED**
- Doctoral School Day: **21-22 April 2022** organized by PhD candidates for PhD candidates

Guillaume GROB, [UMR 7156 Génétique Moléculaire et Génomique Microbiologie \(GMGM\)](#), [Esplanade](#)

Clémence GIÈRE, [UPR 3212 Institut des Neurosciences Cellulaires et Intégratives \(INCI\)](#), [Esplanade](#)

Giulia LAFOND-BRINA, [UMR_S1114 - Neuropsychologie cognitive et physiopathologie de la schizophrénie](#), [Campus Medicine](#)

Orian GILMER, [UPR 9002 Architecture et réactivité de l'ARN](#), [Esplanade](#)

Dr Marina PIERREVELCIN, [CNRS UMR 7021, University of Strasbourg Campus Pharmacy](#)

Next election during ED Days 2021

ED Days

THE annual event to gather PhD candidates from ED414

What's that ?

10 min presentations or 3min blitz

Round tables with professionals

PhD association presentations

Elections

Presentation prizes

Lunch, drinks, exchanges, etc.

PhD prizes from the Société de Biologie de Strasbourg

Who ? All PhD candidates

When 21-22 April 22

ED Days organizing Committee 2021

Last Edition: 21/22 April 2021, online

21st : Scientific presentations

22nd : Morning career and associations

Afternoon, thesis prizes from SBS

127 registrations

Keynote Speakers

Geneviève Almouzni

Jacky Goetz

66 abstracts submitted

10 long talks

10 short talks

46 posters

9 prizes



Kaskci Yasenya

IGBMC

Department of Functional Genomics
and Cancer



Garcia Sanchez Emmanuel

IGBMC

Department of Biology and Stem
Cells department (Team TORA)



Smaida Rana

CRBS- UMR1260

Regenerative Nanomedicine



Anizon Benjamin

CRBS- UMR 1119

Myelin Biopathology, Neuroprotection
and Therapeutic Strategies



Ben Abdallah Inès

ICube - Teams IMIS

LNCA- Team ENGRAM



Anasse Nounsi

CRBS- UMR1260

Regenerative Nanomedicine

Call for organizers for the 2022 edition !

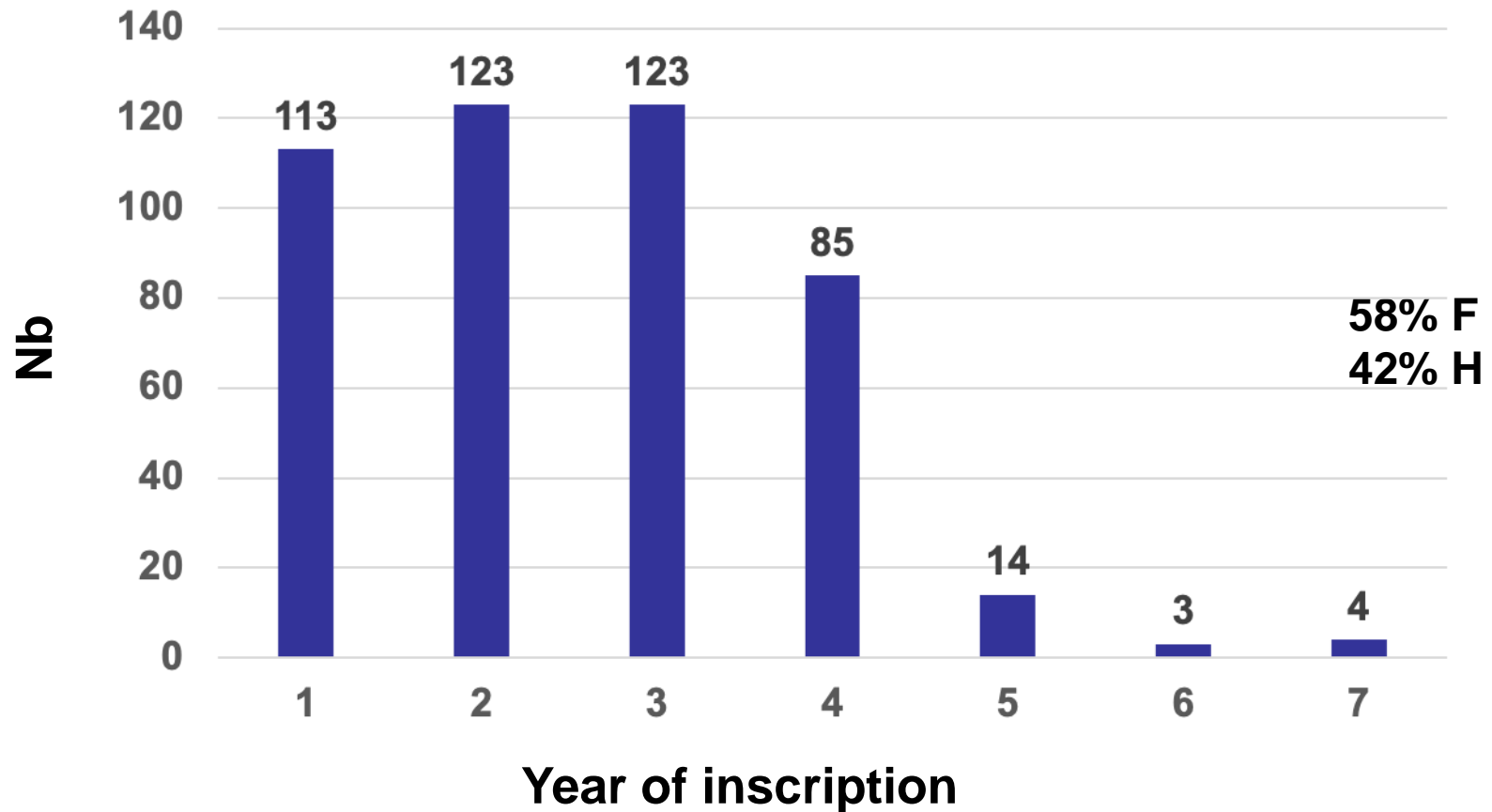
Contact : frederic.gros@unistra.fr

Doctoral School figures

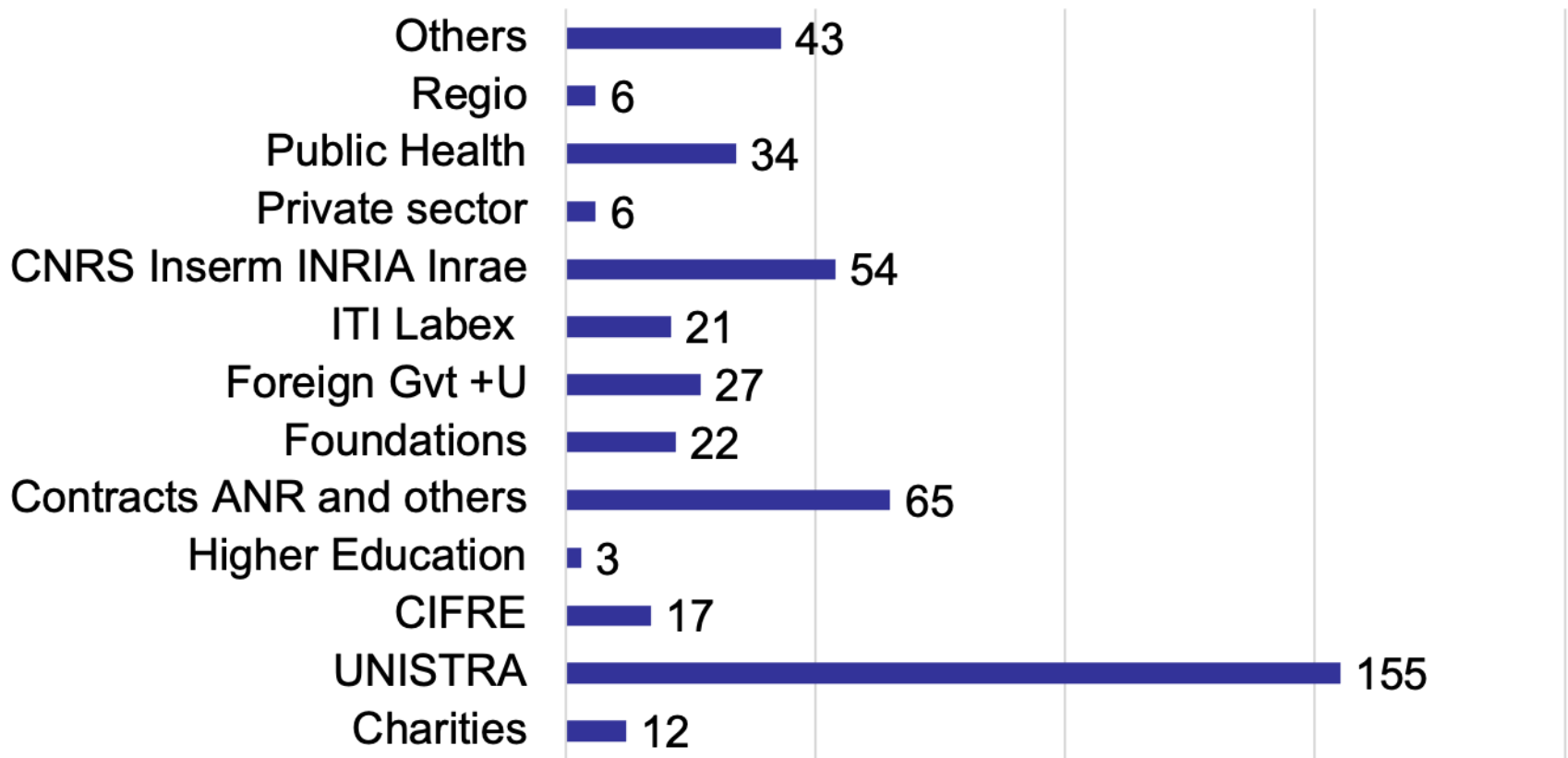
General facts 2021-2022

- ◆ 465 enrolled 2021 - 2022 at the 15 Nov 2021
- ◆ 24 co-agreements (Canada, Liban, Maroc, Pays-Bas, Belgique, Allemagne, Chine, Corée, Norvège, Finlande, ...)
- ◆ 80+ Teaching or mediation missions

Enrolments 2021-2022



Funding sources

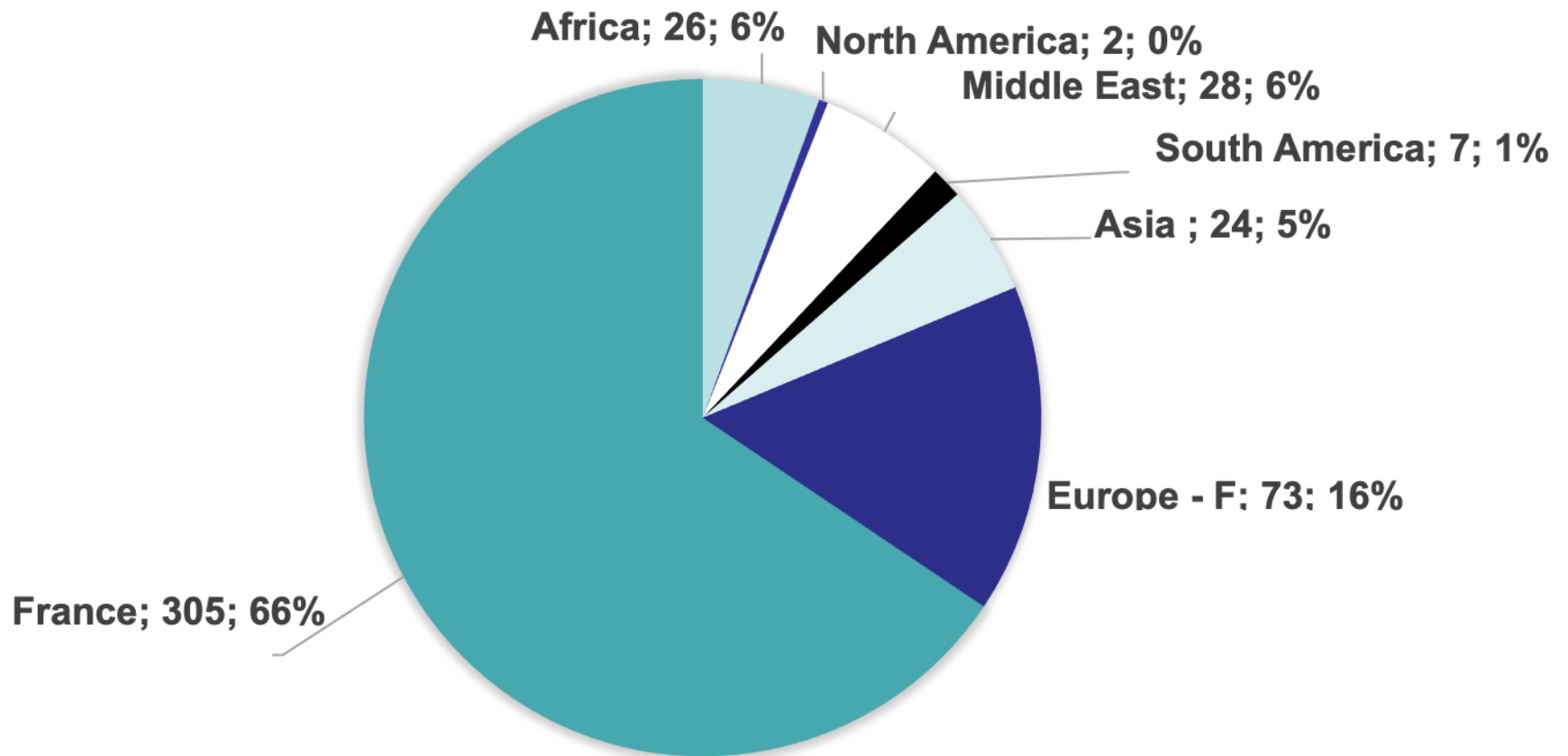


UNISTRA : CDE, Idex, ITI

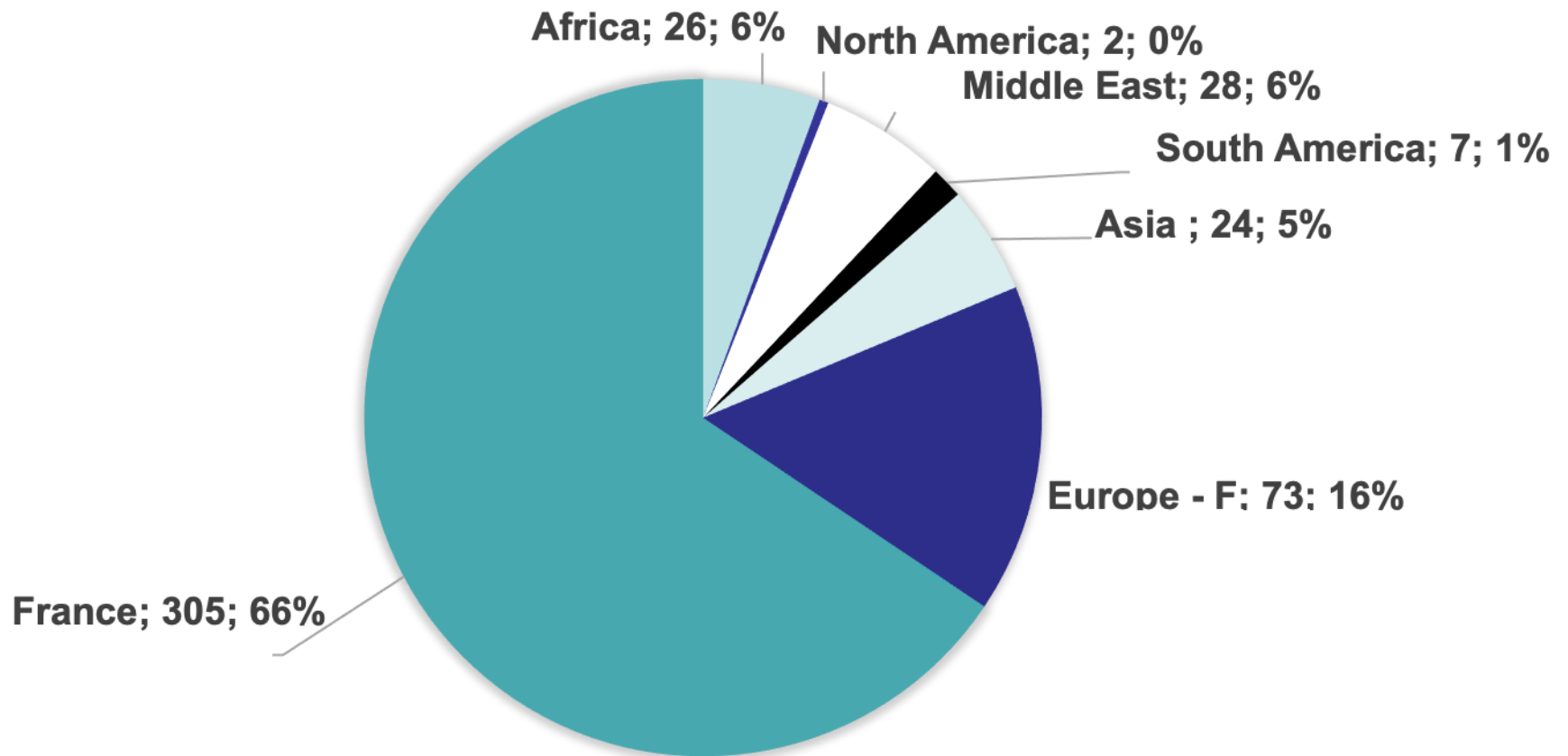
Fonds propres : Contrats ANR, LabEx, EU, etc.

Autres : non renseignés, chômage, sans ressources

Enrolments 2021-2022

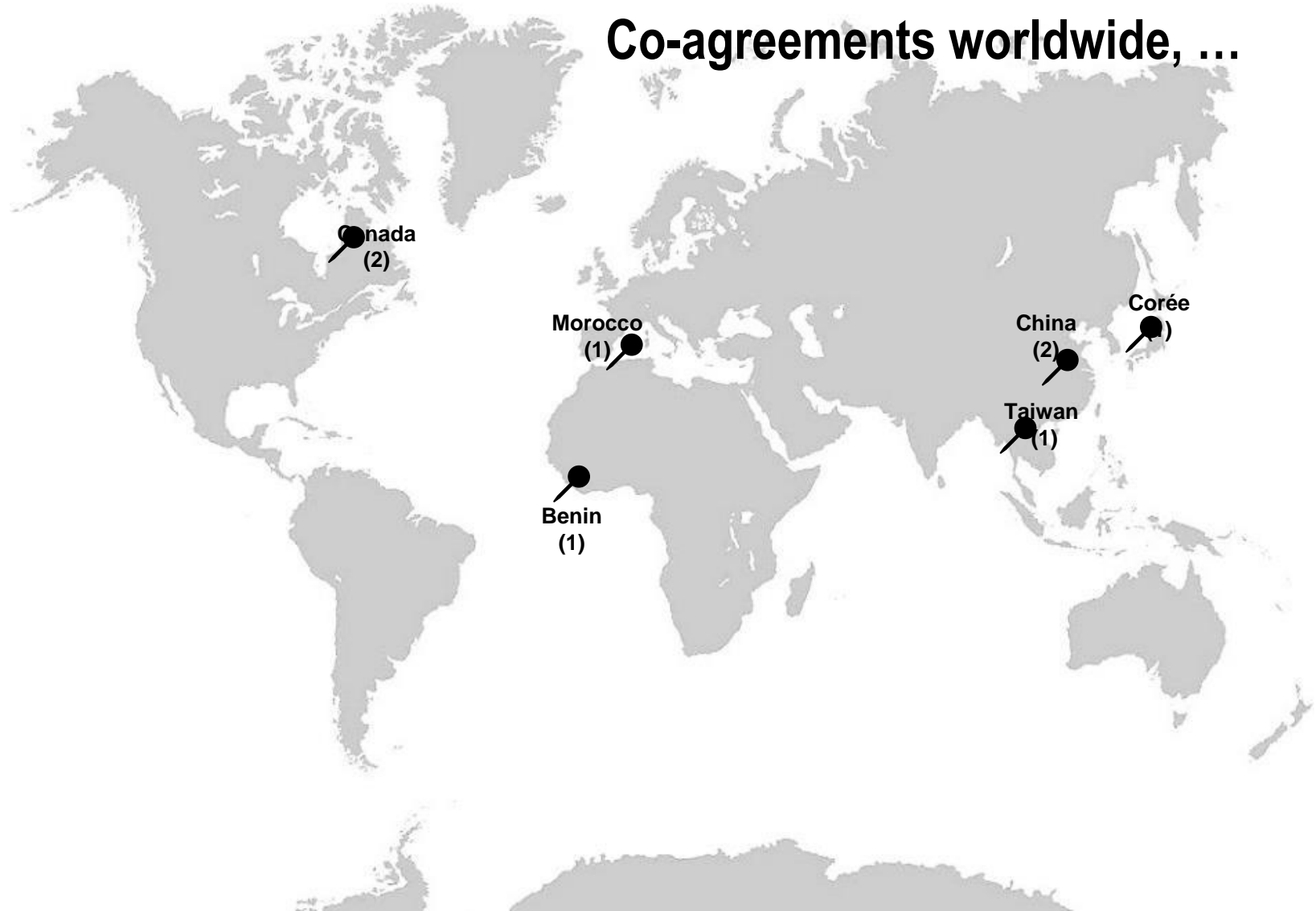


Enrolments 2021-2022



54 Countries

Co-agreements worldwide, ...



And in Europe



PhD defences

- **120-130** PhD defended each year
- Average duration **43** months
- **2.2** Publications/PhD

PhD is a first experience in research

Training through research : in the lab

Depends on a good collaboration and cooperation of
all the partners

Doctorant/PhD candidate

PhD supervisor(s)

Research Unit Director

The PhD training is framed by the Doctoral Charter...

Doctoral Charter is signed by :

- ♦ PhD candidate : young researcher
- ♦ PhD supervisor(s), Research team
- ♦ Head of the Research Unit
- ♦ Head of the Doctoral School representing the University of Strasbourg

Of note – conflict management is described in the doctoral charter

...and the « Règlement intérieur » of the Research Unit as well as additional rules defined in the unit

- ♦ Follow **working rules** in the unit (« Règlement intérieur ») are defined officially in this document. It defines : Work time, holidays, authorship, deontology, confidentiality chart signed at your arrival in the lab....
- ♦ **Follow Health and Safety rules** : Check with your H&S officer (newcomer meeting)
- ♦ **Attend** unit work-in-progress, seminars, conferences,...

...and the « Règlement intérieur » of the Research Unit as well as additional rules defined in the unit

- ♦ Follow **working rules** in the unit (« Règlement intérieur ») are defined officially in this document. It defines : Work time, holidays, authorship, deontology, confidentiality chart signed at your arrival in the lab....
- ♦ Follow **Health and Safety rules** : Check with your H&S officer (newcomer meeting)
- ♦ **Attend** work-in-progress, seminars, conferences
- ♦ **Only use your unistra e-mail address for professional communication** – The Doctoral School will always communicate with you using this address x.x@etu-unistra.fr

Training through Research

PhD supervisor

Trustworthy, competent, experienced researcher

Many other responsibilities (teaching, administrative, ...)

=> Regular **follow-up** of your project, regular work-in-progress meetings with your supervisor, with the other unit members of the team/of the research Unit

Skills and aptitudes acquired during PhD training

♦ Scientific

- ♦ Knowledge
- ♦ Ability to learn and renew oneself
- ♦ Ability to formulate a problem
- ♦ Ability to analyse and master tools

♦ Technical

- ♦ Project management skills
- ♦ Team work, networking
- Communicating skills
- Linguistic skills

• In general

- Creativity, open mind, motivation, adaptability

Scientific integrity

Lab Notebook usage is mandatory

Follow up of your experiments everyday with all the details of each experiment, each special product used, etc...

WHY ?

- Reproducibility of your experiments
- Memory for the lab after your PhD thesis defense
- Proof of date in case of patenting, licensing

No plagiarism in your scientific production

Scientific integrity

1. Validation of the “scientific integrity training” is mandatory to enroll next year

- ◆ French training
- ◆ <https://www.fun-mooc.fr/courses/course-v1:ubordeaux+28007+session01/about>
- ◆ English training
- ◆ <https://www.fun-mooc.fr/courses/course-v1:Ubordeaux+28007EN+session01/about>
- ◆ The Success Certificate is mandatory to enrol in 2nd Year
 - 3/01 to 1/04 (certificate delivered mid-April)
 - 2/04 to 1/07 (certificate delivered mid-July)

2. Follow the integrity/ethics course organised by the University is also mandatory for defence

PhD is a first experience in research

OPEN Sciences

<https://www.ouvrirlascience.fr/passport-for-open-science-a-practical-guide-for-phd-students/>

Objective :

Share and disseminate scientific content given the opportunities offered by the digital revolution

Concerns :

Datasets, methods, publications...

Why :

Research is mainly funded by public money. Thus researchers have to make available to the society all informations and data generated by their research in an as much as possible transparent manner.

It is the democratisation of knowledge.

PhD is a first experience in research

OPEN Sciences

<https://www.ouvrirlascience.fr/passport-for-open-science-a-practical-guide-for-phd-students/>

Aim : facilitate access to scientific content and encourage its reuse

Where can you find open access resources for your project?

Open access journals

Platforms for preprint

Open archives : Ex. HAL for French research

Databases

...

OPEN Sciences

Planning an open approach to scientific work

How to implement Open Sciences in your everyday scientific life ?

Define

Description fo the collection and documentation

Where and how your data will be stored

Protection rules

Responsibilities and resources

When ?

From the first day of your project by defining the Data management plan (DMP)

And

Publish in open access journal

Store your publications on open access platforms as UNIWoak (Unistra) and/or HAL

PhD is a first experience in research

OPEN Sciences

Link to upload the booklet

« Passport for OPEN SCIENCE »

University of Lille

<https://www.ouvrirlascience.fr/passport-for-open-science-a-practical-guide-for-phd-students/>

Additional training

≥ 108 hours of scientific and transversal training have to be validated before the PhD thesis defense

54h Disciplinary/scientific training covering 3 different themes organised and validated by the DS (Ex. thematic days, statistics, microscopy, animal experimentation, etc.)

54 h Transversal training covering 3 different themes organised and validated by the Collège de ED (ex. IP, project management, French for foreigners, etc.)

Platform Améthis

Additional disciplinary training that can be validated

- Program proposed by the Doctoral school
Autumn, Winter, Spring and Summer Schools
- Thematic Days organized by the labs
- EMBO, FEBS, etc... schools
- Summer schools
- Others (as many as you wish)
- Project management
- **Validation** : see website

Training planned in 2022 (on site trainings)

January/February

- ♦ **Image J**

Jérôme Mutterer

- ♦ **Introduction to PyMOL and to 3D molecular visualization**

Claude Sauter

- ♦ **Free software toolbox**

Claude Sauter/Jérôme Mutterer

- ♦ **Statistics**

Introduction to statistical analysis of biological data with R. 4h

Initiation to data science with R. 4h

Bruno Kieffer, Myriam Maumy, Carine Meignin, Julien Godet. 16 seats.

Two sessions per year are envisaged

Training planned in 2022 (on site trainings)

March-May

- **Doctoral Skills, communication and valorization**

Science Me Up-David Bruchlen 30 seats

Help young PhDs to enter the job market, to identify skills and valorize them

Two types of training on 3 days (2 days for only one track):

- **Academic career**
 - **Private sector career**
-
- **Identifying the opportunities available in the private sector with a doctorate degree**
APEC - J Lombard
-
- **Introduction to intellectual properties**
Satt Connectus - Nadia Belmahi

Project

- **Managing stress, conflicts in professional life and self organization. Dedicated to PhDs in Biology**
(please note that a transversal training is available via the college, animated by Blanche Giraud-Beauregard)

October 2022

- **Animal experimentation:** starts after summer

New on the ED website, examples of training equivalence and validation

Examples of hours counting

Transversal Training

Member of an ethics committee (like CREMEAS) and actively participating in evaluation processes	This participation is validated (after presentation of certificate) as transversal training within the limit of one third of the total training hours (i.e. 18 hours)
Participation in the organization of a scientific event (retreat, congress, workshop, "Fête de la Science", "semaine du cerveau" ...)	Is recognized as a transversal formation. Participation allows the validation of 4 hours for a one-day event (2 hours for a half-day event). Validated hours can be conjugated to disciplinary hours if a scientific presentation (oral, poster) is performed during the event.
MOOC on transversal topics	Validation up to 10h per MOOC, limited to half of the total hours of transversal training (27h). Proof of attendance and validation required.
Presentation of scientific work during science popularization events	Validation up to 2 hours per event.

Disciplinary Training

Participation in a scientific event	A fee of 7 hours of disciplinary training per day. No additional hours allocated for an oral or posted presentation.
Master course follow-up	10 hours of disciplinary training maximum, with proof of attendance (attendance certificate signed by the teacher in charge of the module) accompanied by a letter from the thesis supervisor justifying the need to follow this course for the doctoral student.
Scientific MOOC	Validation up to 10h per MOOC, limited to half of the hours of disciplinary training (27h). Proof of attendance and validation required.
DU or DIU	Validation up to 30 hours per diploma, if the field corresponds to the thematic scope of the doctoral school
Initial training in animal experiments, "designer" level	30h validated.
Training in experimental surgery	30h validated.

Not subject to any validation

MOOC "integrity in research professions"	This MOOC is mandatory and necessary for new registration. It does not lead to any validation
Training fully dedicated to specialized software such as GraphPrism, Icy (except in the frame of a more global topic like statistics).	Not validated owing to software accessibility and/or possibility to be trained in the host laboratory.
Diploma or compulsory training such as training in quality control in industry, training in clinical research, training of investigators in clinical trials...	Although these training courses can promote professional integration, they do allow any validation.
Internship in a research laboratory different from the host laboratory.	This type of internship is an integral part of the research project and will be validated at the level of professional experience. Consequently, visits in other laboratories are not recognized as hours of scientific or socio-professional training.

Communication related to training

Online surveys after trainings

Workspace on Ernest (digital work environment of the University)

Manual registration needed

Do not forget !!

- **Enter every training/congress on Amethis for validation (2x54h to be validated)**
- **Validate the MOOC “Integrity” and the onsite training about research ethics organized by the University**
- **Attend at least one international congress**

Summer schools



Advanced tools for data analysis in Neuroscience

Organizers: Demian Battaglia, Romain Goutagny, Axel Hutt, Philippe Isope and Christophe Pouzat

Monday

- Concepts and guidance (*Organizers*)
 - Basics in Python (*Samuel Garcia and Philippe Isope*)
- Practicals*
Beyond acquisition (Filters, Nyquist law...)(*Axel Hutt*)
Python toolbox (*Philippe Isope and Samuel Garcia*)

Tuesday

- From LFP/EEG to localization, oscillations and coherence (*Romain Goutagny*)
 - LFP analysis on Matlab: EEMD, filtering, CSD, wavelet... (*Vincent Douchamps*)
 - Spike train statistics: Functional Data Analysis, Confidence Set, Point Process Formalism (*Christophe Pouzat and Samuel Garcia*)
- Practicals*

Wednesday

- Neuronal circuits modelling: microscale (NEST) (*Arvind Kumar*)
 - Neuronal circuits modelling: macroscale (Virtual Brain) (*Giovanni Rabuffo*)
- Practicals:*
Machine learning for dummies: clustering, classifiers, dimensional reduction, pattern search... (XXX, e.g. Shruti?)

Thursday

- Network tools and functional connectivity analyses: graph theory and beyond, metrics of functional connectivity for different types of signals (*Demian Battaglia*)
 - Merging data and models by data assimilation techniques, e.g. Kalman filter (*Axel Hutt*)
- Practicals*
Choice of tutored project

Friday

- Tutored projects (*Organizers*)
- Presentations of projects

ITI Neurostra

PhD – researcher exchanges

The university of Strasbourg is part of the EUROLIFE network of European Universities <http://eurolifeuniversities.org/research/>

Trinity College Dublin – School of Medecine – Ireland

Semelweiss University – Hungary

University of Barcelone

University of Edinburgh – College of Medecine and Veterinary – UK

University Medical Center – Göttingen – Germany

Medical University Innsbruck – Austria

Leiden University Medical School – NL

Karolinska University

- Summer and winterschools
- DataEthics winterschool
- Funding for PhD or young researchers short term exchanges

CIF : Convention individuelle de formation/Doctoral training agreement



DOCTORAL COLLEGE - UNIVERSITY OF STRASBOURG

Individual training convention

Validated by the Council of the Doctoral College - University of Strasbourg on 17 May 2017

CIF : Convention individuelle de formation/Doctoral training agreement

- Identify the CST members
- Define the professional project
- Define your training program
- etc...

Can be modified every year

Thesis follow-up committee/ Comité de suivi de thèse (CST)

New : At first registration identification of the CST members (CIF)

Mandatory for next year enrolment

- **Mid/end of 1st year** : CST with report signed by all parties
- **Mid/end of 2nd year** - CST with report signed by all parties
- **Third year if a 4th year is needed** - CST with report signed by all parties

On the website/Ernest

Thesis follow-up committee/
Comité de suivi de thèse (CST)

PhD completion 3 years

On the website/Ernest

Thesis follow-up committee/
Comité de suivi de thèse (CST)

PhD completion 6 years

MDs with clinical duties, High School teachers,
Psychologues, sociologues, etc..

PhD authorisation to defend

At least one **publication, review**, ideally first author, or a **patent**, obtained or submitted

Attendance to one **international conference** with presentation of the PhD results

Training 108h - 54h Disciplinary (DS) /54h Transversal (collège des ED)

Integrity training – MOOC validated

Of note Integrity training and its validation is mandatory at the University level so that the University and the research units therein are allowed to apply for major funding from the EU

Conflict solving – step by step

- ◆ Discussion with the supervisor
- ◆ Meeting/discussion with the team leader if not the PhD supervisor or the unit director
- ◆ Mediation at the level of the Unit
- ◆ Meeting with the Doctoral school head PhD candidate/supervisor – together or independently
- ◆ Meeting with all parts in an official meeting with Pedagogical director – PhD candidate representative and any other person designated by the supervisor or the student – report written – decisions officialised

Conclusions

- ♦ The rules are established by the Ministry
- ♦ The University and the Doctoral Schools apply them
- ♦ Take the CST as a time to make a point on motivation - professional project, etc...

Questions

Jury composition

All members hold an HDR

- PhD supervisor (s)
- 2 external reviewers holding an HDR and/or the title of Prof or DR (report)
- 1 internal supervisor with HDR
- optional additional jury members to balance the number of external/internal
- Jury members designate the president, he/she has to be Prof or DR

AND

- half of the members are Prof or DR
- half of the members are external reviewers
- external reviewers and internal member have no conflict of interest in terms of co-publications
- jury composition should strive to come as much as possible to M/W parity

Jury composition : one more point

A **non-HDR supervisor** can not act as a jury member (no HDR)

However he/she can be present at the defence as an **invited member** (does not sign the documents) but participates to the discussion

Jury composition exception

If the external reviewer has no HDR and has not the title of Prof or DR, however he/she is the perfect expert

THEN everything becomes more complicated

We need a detailed CV of the person

The letter from the PhD supervisor

Then I have to write a “lettre circonstanciée” to support his/her presence in the jury

- PhD mentoring

- Independence in funding – prestigious funding

- Group leader since ...

The CV will be analysed by the Commission Recherche from the University and accepted or not.