

GRADUATE PROGRAM 2016 REPORT

The **2016 Graduate Program** call for applications opened on November 2nd, 2015 and closed on January 11, 2016.

519 candidates applied to the call. 182 files were eligible and were marked by the ENP panel. 2 experts were allocated to each application and carried out the evaluation remotely based on the following evaluation criteria:

1. Academic background
2. Academic grades
3. Professional experience & career plans
4. Motivation for the programme
5. Quality of the references

Candidate' grades range from 1 (excellent), 2 (very good), 3 (good), 4 (average) to 5 (below average).

The selection committee was composed of 25-30 ENP team leaders selected from the 114 participating teams (within 23 Research Centers) in line with their expertise and the expertise of the candidates.

2016 jury members who marked the 182 files:

- | | |
|-------------------------|-----------------------------|
| 1) ANGULO Maria Cecilia | 17) FONTAINE Bertrand |
| 2) ARLEO Angelo | 18) FRANCIS Fiona |
| 3) BALLY CUIF Laure | 19) GEORGE Nathalie |
| 4) BARTOLOMEO Paolo | 20) GRANON Sylvie |
| 5) BATHELLIER Brice | 21) GREZES Julie |
| 6) BELLIVIER Frank | 22) LIVET Jean |
| 7) BONVENTO Gilles | 23) MAROTEAUX Luc |
| 8) BORST Grégoire | 24) NAIT OUMESMAR Brahim |
| 9) CHAILLET Antoine | 25) OSTOJIC Srdjan |
| 10) DAUNIZEAU Jean | 26) SHULZ Daniel |
| 11) DESTEXHE Alain | 27) TALLON BAUDRY Catherine |
| 12) DIEUDONNE Stéphane | 28) TRONCHE François |
| 13) DI GREGORIO David | 29) VENANCE Laurent |
| 14) DUPOUX Emmanuel | 30) WIENER Sidney |
| 15) EL MESTIKAWY Salah | 31) ZYTNICKI Daniel |
| 16) FAURE Philippe | |

On February 09, 2016, fourteen experts along with the 2 Graduate Program Directors – Laure Bally Cuif and Laurent Venance – were invited to a consensus meeting. The meeting took place at the Centre Universitaire des Saints Pères – 45, rue des Saints Pères 75006 Paris.

The experts presented the results of the remote stage evaluation, a consensus was sought and a list of candidates to be invited to a phone interview was drawn up.

Jury members present at the meeting:

- | | |
|-------------------------|--------------------------|
| 1) ANGULO Maria Cecilia | 8) FAURE Philippe |
| 2) BALLY CUIF Laure | 9) FRANCIS Fiona |
| 3) BATHELLIER Brice | 10) GEORGE Nathalie |
| 4) BONVENTO Gilles | 11) LIVET Jean |
| 5) BORST Grégoire | 12) NAIT OUMESMAR Brahim |
| 6) CHAILLET Antoine | 13) VENANCE Laurent |
| 7) DIEUDONNE Stéphane | 14) WIENER Sidney |

27 students were invited to a phone interview. Following the phone interview session, **17 applicants were invited to the face to face interviews**, to be held on March 30 & 31, 2016 in Paris.

The audition was divided into two parts:

- A 10-minute presentation
- A 10-minutes questions/answers session

Auditions took place at the Centre Universitaire des Saints Pères.

2016 jury members present at the auditions

- | | |
|-------------------------|--------------------------|
| 1) ANGULO Maria Cecilia | 10) EL MESTIKAWY Salah |
| 2) BALLY CUIF Laure | 11) FAURE Philippe |
| 3) BATHELLIER Brice | 12) FRANCIS Fiona |
| 4) BONVENTO Gilles | 13) GEORGE Nathalie |
| 5) BORST Grégoire | 14) LIVET Jean |
| 6) CHAILLET Antoine | 15) NAIT OUMESMAR Brahim |
| 7) DESTEXHE Alain | 16) OSTOJIC Srdjan |
| 8) DI GREGORIO David | 17) VENANCE Laurent |
| 9) DIEUDONNE Stéphane | 18) WIENER Sidney |

During these two days, concurrently with the auditions, several activities had been organized by the ENP staff.

On Wednesday and Thursday, prospective students were given the chance to discover 3 research centers and neuroscience teams belonging to the ENP network where they will be able to go for lab rotations and/or their future thesis.

Day 1 AM	ENS – (panel éq. ENP)
Day 1 PM	Centre Universitaire des Saints Pères – Serge Charpak (panel éq. ENP)
Day 2 AM	NeuroPSI Paris Saclay – Philippe Vernier (panel éq. ENP)

At the end of the first day, ENP teams exposed nineteen posters and discussed with the applicants during a cocktail hosted at the Holiday Inn Hotel – 4, rue Danton 75006 Paris.

This event gathered the expert committee, ENP team leaders and ENP student representatives. It is a good opportunity to meet and exchange with ENP team leaders in an informal setting and finally is considered as a very important part of the recruitment process.

Poster titles:

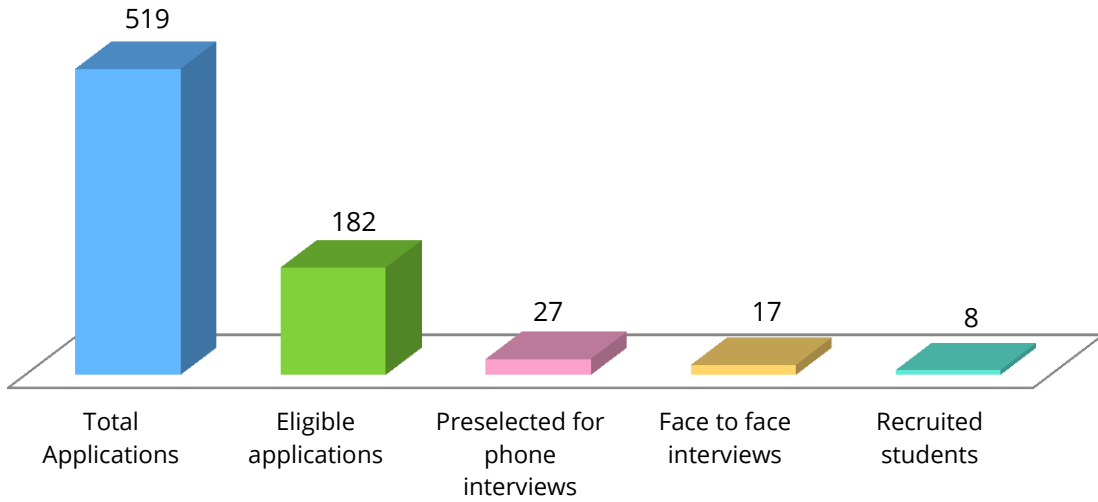
- 1- ALS - Causes and Mechanisms of Motor Neuron Degeneration
- 2- Neuron-Glia interactions in Neurodegenerative Diseases
- 3- Two-photon imaging of astrocyte function in neurovascular coupling.
- 4- Language and its acquisition
- 5- Function of an interhemispheric neural circuit in zebrafish visual system
- 6- VGLUT3a vulnerability marker of addiction.
- 7- Controlling microtubule functions with tubulin posttranslational modifications – a systems approach
- 8- Identification and characterization of the cell surface receptor for Rod-derived Cone Viability Factor: RdCVF promotes cone survival by stimulating aerobic glycolysis.
- 9- The FRONTLAB: functions and dysfunctions of the prefrontal system”
- 10- Role of the nicotinic receptor in brain pathology
- 11- The primary cilium of long distance migrating neurons: an antenna or a guiding stick?
- 12- Alzheimer’s and prion diseases
- 13- Testing the chemoaffinity code hypothesis in the olivocerebellar system.
- 14- Neural circuit formation and reformation, information processing and Alzheimer’s related dysfunction.
- 15- Neuronal circuit dynamics and behaviour of the zebrafish larva
- 16- Molecular dissection of stress effects on dopamine-dependent behaviors
- 17- An interdisciplinary unit for Multiscale Neurosciences
- 18- Cellular and Molecular Mechanisms of Plasticity and Memory
- 19- Astrocytes gate Hebbian synaptic plasticity in striatum

To wrap up these two-days auditions, a welcome evening was organized by the student reps for the candidates to meet actual students of the ENP GP. This event was greatly appreciated by all.

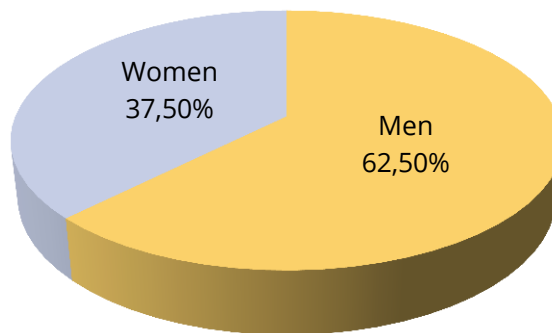
6 applicants were recruited (+ 2 on waiting list in case of withdrawal), 6 accepted (5 of the main list and 1 of the waiting list) and entered the ENP Graduate Program.



2016 Graduate Program



Recruited students (waiting list included)



Recruited students' academic origins (waiting list included)

