

GRADUATE PROGRAM 2015 REPORT

The **2015 Graduate Program** call for applications opened on November 24th, 2014 and closed on February 1st, 2015.

728 candidates applied to the call. 243 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 15-20 ENP team leaders selected from the 112 participating teams (within 21 Research Centers) in line with their expertise and the expertise of the candidates.

2015 jury members who marked the 243 files:

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|--------------------------|-----------------------------|
| 1. Angulo Maria Cecilia | |
| 2. Bally-Cuif Laure | 19. Gutkin Boris |
| 3. Bartolomeo Paolo | 20. Hansel David |
| 4. Bathellier Brice | 21. Jarraya Béchir |
| 5. Bonvento Gilles | 22. Levenes Carole |
| 6. Borst Grégoire | 23. Levi Sabine |
| 7. Cachia Arnaud | 24. Livet Jean |
| 8. Chaillet Antoine | 25. Mamei Manuel |
| 9. Daunizeau Jean | 26. Nait-Oumesmar Brahim |
| 10. Destexhe Alain | 27. Pierani Alessandra |
| 11. DiGregorio David | 28. Piskorowski Rebecca |
| 12. Dubal Stéphanie | 29. Rochefort Christelle |
| 13. El Mestikawy Salah | 30. Selimi Fekrije |
| 14. Faure Philippe | 31. Tallon Baudry Catherine |
| 15. Francis Fiona | 32. Venance Laurent |
| 16. Gasnier Bruno | 33. Wiener Sidney |
| 17. Girault Jean Antoine | 34. Zalc Boris |
| 18. Grezes Julie | |

On March 10, 2015, 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 Collège de France - 11, place Marcelin Berthelot 75005 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:

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|---------------------|--------------------------|
| 1. Bally-Cuif Laure | 8. Faure Philippe |
| 2. Bathellier Brice | 9. Francis Fiona |
| 3. Escartin Carole | 10. Levi Sabine |
| 4. Borst Grégoire | 11. Mameli Manuel |
| 5. Destexhe Alain | 12. Nait-Oumesmar Brahim |
| 6. DiGregorio David | 13. Venance Laurent |
| 7. Dubal Stéphanie | 14. Wiener Sidney |

38 students were invited to a phone interview. Following the phone interview session, **18 applicants were invited to the face to face interviews**, to be held on April 16 & 17, 2015 in Paris.

The audition was divided into two parts:

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

Auditions took place at the Campus des Cordeliers.

2015 jury members present at the auditions

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|-----------------------|--------------------------|
| 1. Bally-Cuif Laure | 10. Faure Philippe |
| 2. Bathellier Brice | 11. Francis Fiona |
| 3. Bonvento Gilles | 12. Levi Sabine |
| 4. Borst Grégoire | 13. Livet Jean |
| 5. Chaillet Antoine | 14. Mameli Manuel |
| 6. Destexhe Alain | 15. Nait-Oumesmar Brahim |
| 7. DiGregorio David | 16. Ostojic Srdjan |
| 8. Dubal Stéphanie | 17. Venance Laurent |
| 9. El Mestikawy Salah | 18. Wiener Sidney |

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

On Thursday and Friday, 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.

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| Day 1 AM | ESPCI Paris Tech – Alice Pavlowski (éq. Préat), Karim Benchénane & Zlot Lenkei |
| Day 1 PM | Faculté de Pharmacie de Paris – Frank Bellivier & Xavier Declèves |
| Day 2 AM | Neuroscience Paris Seine (NPS) – Hervé Chneiweiss & Salah El Mestikawy (panel éq. ENP) |

At the end of the first day, ENP teams exposed sixteen 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:

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| <ul style="list-style-type: none"> 1- Cortical population nonlinearities reflect asymmetric auditory perception in mice 2- Biomarkers of relapse and therapeutic response in addiction and mood disorders" 3- Bio-Psy : Étude des mécanismes biologiques des désordres psychiatriques 4- Neuron-Glia interactions in Neurodegenerative Diseases 5- Molecular signature of addiction 6- Estimating the transfer function of cortical neurons 7- Sensory information procession by synapses 8- VGLUT3: From glutamatergic synapses to pathophysiology of psychiatric disorders. | <ul style="list-style-type: none"> 9- The Cerebral Dynamics, Plasticity and Learning team at CNPP: On interdisciplinarity and beyond 10- Pathophysiology of Psychiatric Diseases 11- Chloride-dependent regulation of KCC2 and its potential implication in epilepsy. 12- Roles of neuron-OPC synapses in myelination of the developing zebrafish spinal cord 13- Neuronal circuit dynamics and motor behaviour in zebrafish 14- Cellular and Molecular Mechanisms of Plasticity and Memory 15- Imaging signaling processes in living neurons 16- A sensory-motor loop interfacing the cerebrospinal fluid to central pattern generators in the zebrafish spinal cord |
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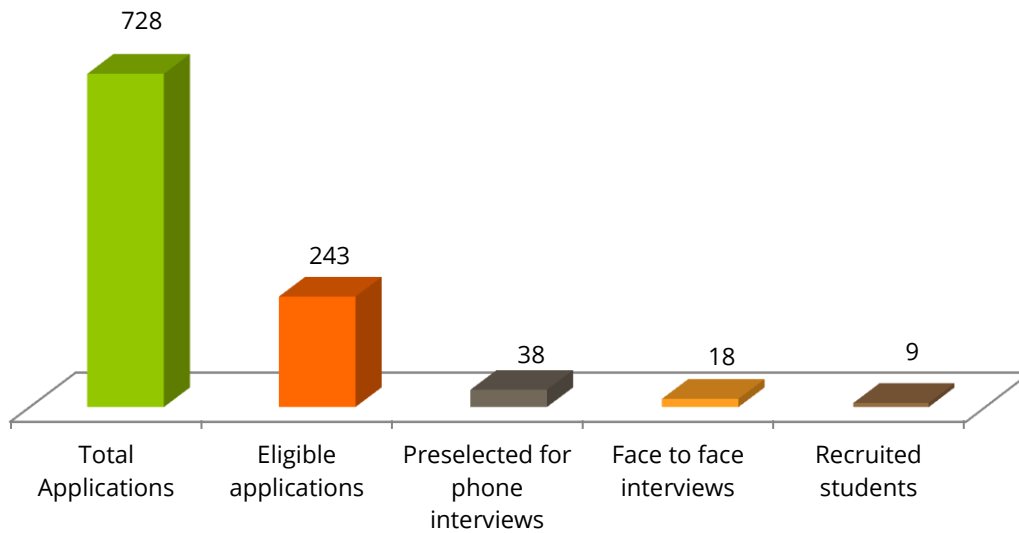
To wrap up these two-days auditions, student representatives organized an evening to welcome their future peers and answer their questions with a high level of participation from all students of the program.

7 applicants were recruited (+ 2 on waiting list in case of withdrawal), 5 accepted (4 of the main list and 1 of the waiting list) and entered the ENP Graduate Program.

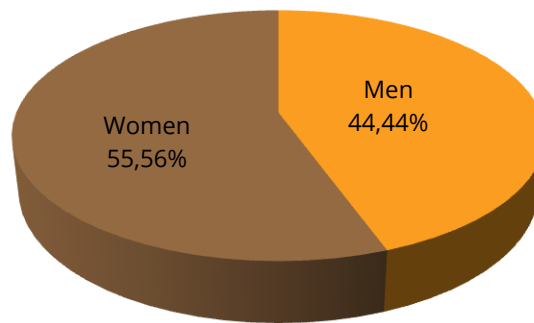


The fifteen international candidates invited to take the auditions in Paris to enter the 2015 ENP Graduate Program, on the steps of the Réfectoire des Cordeliers.

2015 Graduate Program



Recruited students (waiting list included)



Recruited students' academic origins (waiting list included)

