GRADUATE PROGRAM
2014
REPORT
The 2014 Graduate Program call for applications opened on November 1\textsuperscript{st}, 2013 and closed on January 19, 2014.

510 candidates applied to the call. 208 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 111 participating teams (within 22 Research Centers) in line with their expertise and the expertise of the candidates.

2014 jury members who marked the 208 files:

1. Bally-Cuif Laure
2. Bathellier Brice
3. Bonvento Gilles
4. Borst Grégoire
5. Chaillet Antoine
6. DiGregorio David
7. Dubal Stéphanie
8. El Mestikawy Salah
9. Fontaine Bertrand
10. Fortin Gilles
11. Francis Fiona
12. George Nathalie
13. Gutkin Boris
14. Jarraya Béchir
15. Legendre Pascal
16. Levi Sabine
17. Livet Jean
18. Mameli Manuel
19. Nait-Oumesmar Brahim
20. Nicole Sophie
21. Rondi Reig Laure
22. Selimi Fekrije
23. Shulz Daniel
24. Sobel André
25. Venance Laurent
26. Wiener Sidney
27. Wyart Claire
28. Zalc Boris

On February 14, 2014, sixteen experts along with the 2 Graduate Program Directors – Laure Bally Cuif and André Sobel – were invited to a consensus meeting. The meeting took place at the Campus des Cordeliers - 15, rue de l'Ecole de Médecine 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. Bally-Cuif Laure
2. Bathellier Brice
3. Bonvento Gilles
4. Borst Grégoire
5. DiGregorio David
6. Dubal Stéphanie
7. El Mestikawy Salah
8. Francis Fiona
9. Gutkin Boris
10. Levi Sabine
11. Livet Jean
12. Mameli Manuel
13. Nait-Oumesmar Brahim
14. Sobel André
15. Venance Laurent
16. Wiener Sidney

34 students were invited to a phone interview. Following the phone interview session, 24 applicants were invited to the face to face interviews, to be held on April 15 & 16, 2014 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.

2014 jury members present at the auditions

1. Bally-Cuif Laure
2. Bathellier Brice
3. Bonvento Gilles
4. Borst Grégoire
5. Chailliet Antoine
6. Deneve Sophie
7. DiGregorio David
8. El Mestikawy Salah
9. Francis Fiona
10. Levi Sabine
11. Livet Jean
12. Mameli Manuel
13. Nait-Oumesmar Brahim
14. Sobel André
15. Venance Laurent
16. Wiener Sidney

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

Research center visits had been scheduled on both days allowing prospective students to meet ENP team leaders. The aim is to provide an insight in French Neuroscience research to the students who are coming to Paris.
A poster session was organized on Tuesday, April 15th at 5.30 pm. Around twenty ENP teams exposed their research posters and discussed with the applicants under the arches of the Faculty of Medicine.

**Poster titles:**

1. Inhibitory control of cortical microcircuits
2. Imaging brain activity with cellular resolution in behaving animals
3. Inhibitory control as a core mechanism for neurocognitive development in children and adolescents: implications for education
4. Unraveling striatal signaling in drug addiction
5. Presynaptic NMDA-Rs implement a spike pattern dependent plasticity rule in the cerebellum
6. Two-photon imaging of neuronal, astrocyte activation and oxygen consumption during odor
7. Direction selectivity in the mouse barrel cortex, a voltage sensitive dye imaging study
8. Developmental mechanisms of brain disorders
9. Adenosine A2 Receptors stabilize newly formed gabaergic synapses
10. Multicolor mosaic analysis in the developing central nervous system with Brainbow strategies
11. Genetic exploration of inhibitory synapses in bipolara disorder
12. Information processing in the retina and vision restoration
13. The encoding of odor memories in the piriform cortex
14. Presynaptic effect of mutant agrin at the neuromuscular junction in congenital myasthenic syndromes
15. Memory and Energy Metabolism
16. New vista on the Cerebello-Cortical System
17. Cerebellum, navigation and Memory
18. Two excitatory afferents, one neuronal target: what are the molecular pathways controlling synapse specificity?
19. Two-photon Ca2+ imaging, optogenetics and behaviour in the zebrafish larva
20. Modulation of excitatory synaptic transmission in the lateral habenula by metabotropic glutamate receptors
21. Shining light on the olfactory cortex: dissecting neural identities and functions

To conclude the first day, a social dinner was organized, gathering the expert committee, ENP team leaders and current ENP students. This dinner 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.

10 applicants were recruited, 9 accepted and entered the ENP Graduate Program.
The twenty international candidates invited to take the auditions in Paris to enter the 2014 ENP Graduate Program, on the steps of the Réfectoire des Cordeliers.

Poster session

During a research center visit, with Fekrije Selimi
2014 Graduate Program

Total Applications: 510
Eligible applications: 208
Preselected for phone interviews: 34
Face to face interviews: 24
Recruited students: 10

Recruited students
- Men: 50%
- Women: 50%

Recruited students' academic origins
- Europe: 60%
- Americas: 10%
- Asia: 20%
- Oceania: 0%
- Africa: 10%