



# Application form

## How to apply

Please submit the filled application form and all other required documents (see section 6) as a **SINGLE pdf-FILE** (smaller than 5 MB) indicating your first and last name to [pepnet.bio@hu-berlin.de](mailto:pepnet.bio@hu-berlin.de).

**Incomplete applications and all other forms of application will not be considered.**

### 1) Personal data

Submission date: \_\_\_\_\_

Surname: \_\_\_\_\_

First name: \_\_\_\_\_

Title:     Ms.     Mr.     Other (please specify) \_\_\_\_\_     Rather not say

Street: \_\_\_\_\_

Postal code / city: \_\_\_\_\_

Country: \_\_\_\_\_

Phone (home or work) \_\_\_\_\_

Phone (mobile): \_\_\_\_\_

Email: \_\_\_\_\_

Date of birth: \_\_\_\_\_

Place of birth: \_\_\_\_\_

Nationality: \_\_\_\_\_

First language: \_\_\_\_\_

Preferred start date: \_\_\_\_\_

**Country/ countries** of residence since March 2016: (please give month and year of arrival and departure if you have moved)

2016 \_\_\_\_\_

2017 \_\_\_\_\_

2018 \_\_\_\_\_

2019 \_\_\_\_\_

**Country/ countries** of the labs to which you wish to apply (up to three, see section 3). Please note the EU mobility rule: As a PEP-NET fellow you cannot join a lab if you have lived in that country for more than 12 months (total) in the three years prior to starting your contract. Please do not apply to labs for which you are not eligible!

1<sup>st</sup> choice \_\_\_\_\_

2<sup>nd</sup> choice \_\_\_\_\_

3<sup>rd</sup> choice \_\_\_\_\_

I affirm the correctness of all information and documents, and I herewith apply for the PEP-NET PhD Program

I hereby confirm that all the information provided in this application is complete and give my permission that all data concerning my application may be distributed among the supervisors involved in the selection procedure. *If you do not agree, your application cannot be processed further according to German laws for protection of personal data*

## 2) Education

### Masters degree

**Dates: From** \_\_\_\_\_ **To** \_\_\_\_\_

Title of the degree: \_\_\_\_\_

University / college: \_\_\_\_\_

Date of graduation: \_\_\_\_\_

Final score(s) if known: \_\_\_\_\_

Please briefly explain the grading system of the country in which you did this degree:

\_\_\_\_\_  
\_\_\_\_\_

Title of thesis: \_\_\_\_\_

\_\_\_\_\_

Host lab: \_\_\_\_\_

Abstract:

If you do not have a Masters degree you may still be eligible for the program. Please list equivalent qualifications or experience here.

**Bachelors degree**

**Dates: From** \_\_\_\_\_ **To** \_\_\_\_\_

Title of the degree: \_\_\_\_\_

University / college: \_\_\_\_\_

Date of graduation: \_\_\_\_\_

Final score(s): \_\_\_\_\_

Please briefly explain the grading system of the country in which you did this degree, if different from your Masters:

\_\_\_\_\_  
\_\_\_\_\_

Title of bachelors thesis or final project: \_\_\_\_\_

\_\_\_\_\_

Host lab: \_\_\_\_\_

**Honours, publications and awards:**

Honours and awards: \_\_\_\_\_

Travel grants and scholarships: \_\_\_\_\_

Publications (give PUBMED ID). : \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**English proficiency**

To be accepted for this program you need to have a good command of the English language. Please indicate which formal English test you have attended and how you scored. Alternatively. Please make other comments about your English skills (e.g, Native language, Education in English etc)

### 3) Interest in specific projects

You may apply for up to three positions. Please indicate the preferred order using the boxes on the left (1 = first choice and so on up to 3). Please send only one application to the central PEP-NET coordinator [pepnet.bio@hu-berlin.de](mailto:pepnet.bio@hu-berlin.de).

For **ESR2 only**, please cc Edda Schulz [edda.schulz@molgen.mpg.de](mailto:edda.schulz@molgen.mpg.de)

- ESR 1** (Humboldt University Berlin, Germany)  
Visualising and modelling Polycomb/Trithorax (PcG/TrxG) regulation in real time
- ESR 2** (Max Planck Institute for Molecular Genetics, Berlin, Germany)  
Model-driven quantitative dissection of a bistable epigenetic switch in X-chromosome inactivation
- ESR 3** (John Innes Centre, Norwich, UK)  
Combining analogue and digital modes of gene regulation
- ~~**ESR 4** (University of Copenhagen, Denmark)  
Modeling cellular memory governed by the Polycomb and Trithorax group (PcG/TrxG) proteins.  
(position filled)~~
- ESR 5** (Friedrich Miescher Institute, Basel, Switzerland)  
Three- dimensional chromatin organisation and transcriptional regulation in single cells.
- ESR 6** (Humboldt University Berlin, Germany)  
DNA sequence determinants of Polycomb targeting in flies and vertebrates.
- ESR 7** (Humboldt University Berlin, Germany)  
Polycomb Targeting in the context of 3D chromatin organisation.
- ESR 8** (IGBMC, Strasbourg, France)  
Modelling transcription factor mitotic bookmarking in adynamic chromatin structure
- ESR 9** (San Raffaele Hospital, Milan, Italy)  
Transcription factor search mechanism, chromatin mobility and organisation upon DNA damage
- ESR 10** (Max Delbrück Centre for Molecular Medicine, Berlin, Germany)  
Investigating long-range chromatin contacts during early cell fate decisions in mouse embryos
- ~~**ESR 11** (University of Oxford, UK)  
Relating the 3D organisation of chromatin to antisense transcription (position filled)~~
- ESR 12** (University of Naples Federico II, Italy)  
Understanding chromatin 3D organisation and its underlying physical mechanisms
- ESR 13** (Diagenode, Liege, Belgium)  
Developing technologies for analysis of long non-coding RNAs and investigation of their role in long-range chromatin contacts
- ESR 14** (Diagenode, Liege, Belgium)  
Computational methods for chromatin conformation investigation
- ESR 15** (University of Oxford, UK)  
Modelling parameters for resetting higher order chromatin structures

#### 4) Research interests and motivation

For each project to which you wish to apply, please briefly explain why you are interested in that project, and what relevant skills and experience you have.

Rank	ESR No.	Supervisor/ Country	Motivation/ relevant experience (max. 150 words per project)
1 <sup>st</sup> choice			
2 <sup>nd</sup> choice			
3 <sup>rd</sup> choice			

Please briefly explain why you want to join the PEP-NET PhD training program, and how you think the program will help your future career (200 words max)

Write a short essay (200 words max) on a relevant scientific paper of your choice

Which of your undergraduate courses did you find most inspiring and why? (100 words max):

## 5) References

Please give contact details of at least two referees who have agreed to provide a reference for you. We will contact you referees if you are being considered for an interview.

### First referee

Name and title: \_\_\_\_\_

Email: \_\_\_\_\_

Institution: \_\_\_\_\_

Phone: \_\_\_\_\_

Association with the candidate (e.g, Undergraduate advisor, Masters supervisor, colleague etc).

\_\_\_\_\_

### Second referee

Name and title: \_\_\_\_\_

Email: \_\_\_\_\_

Institution: \_\_\_\_\_

Phone: \_\_\_\_\_

Association with the candidate (e.g, Undergraduate advisor, Masters supervisor, colleague etc).

\_\_\_\_\_

**Supplementary information:** How did you hear about this program?

\_\_\_\_\_

## 6) Required documents

Please compile a **single pdf document** comprising:

- 1) The completed application form
- 2) Transcripts and certifications from University: Bachelor and master degrees, including class ranking if possible
- 3) Certificate of English qualification if appropriate
- 4) Curriculum vitae of at most 3 pages. Europass C.V. format preferred (<https://europass.cedefop.europa.eu/documents/curriculum-vitae>)

Send your pdf to ([pepnet.bio@hu-berlin.de](mailto:pepnet.bio@hu-berlin.de))