2020 EMBL Interdisciplinary Postdocs4
(EIPOD4) Guide to Applicants

Call deadline: September 9th, 2020

Disclaimer: This guide has no legal value in itself. The information contained within cannot be used as a grounds for appeal.
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1. Programme Overview

1.1. Programme description

The European Molecular Biology Laboratory (EMBL) is an intergovernmental research organisation and centre of excellence for life sciences in Europe. EMBL’s 1800+ staff members originate from over 80 countries; 43% are active researchers. EMBL’s 6 sites located in 5 countries focus on molecular, cellular, computational, developmental and structural biology (Heidelberg), structural biology (Grenoble, Hamburg), epigenetics and neurobiology (Rome), tissue biology and disease modelling (Barcelona), and bioinformatics (Cambridge). Research at EMBL is supported by excellent core facilities, bioinformatics and structural biology services, training for scientists at all career stages and the EMBL course and conference programme.

EIPOD4 is a new international postdoctoral fellowship programme embedded in EMBL’s unique interdisciplinary and collaborative research environment. It builds on previous versions of the successful EIPOD programme and is designed to support the increasing diversity of career paths in Europe’s research landscape. The programme offers a novel and unique set of options for postdoctoral research. Fellows are based at EMBL and receive 3-year contracts to work on self-designed interdisciplinary research projects. Projects involve at least two EMBL groups. Additional external partners from academia, industry, clinics and museums may also participate in EIPOD projects and fellows may spend up to 6 months in the external partner laboratory.

Figure 1: EIPOD4 research projects

- The Academic Track is designed for fellows largely interested in pursuing a classical academic career.
- The Industry Track supports interdisciplinary research projects involving an industry partner or applied research projects.
- The Clinical Track targets MD/PhDs who aspire to work as physician scientists and fellows with a strong interest in biomedical research.

Collectively, the tracks provide fellows with valuable interdisciplinary research training and strong inter-sectorial exposure. Fellows choose their track based on their research interests and future career goals.

1.2. Training

In addition to the interdisciplinary research training in the laboratories of their project host and partners, EIPOD4 fellows complete a well-balanced mandatory training programme focused on transferable skills. Workshops cover career development, gender and diversity, intellectual property and entrepreneurship, ethics and research integrity and open science initiatives (i.e. open access journals, the principles of FAIR and management/repository of big data). Fellows also complete two additional trainings of their choice based on their future career goals and interests. This can come from one of many track specific offers (Figure 2) or from EMBL’s Professional Development and Training and Scientific Skills programmes which offer a large and diverse range of courses including IT, language,
project management, personal efficiency courses, grant writing, leadership and more.

**Figure 2:** Training modules for EIPOD4 fellows

### 1.3. Public Engagement

The public engagement partner for the EIPOD4 programme is the Natural History Museum (NHM; London, England). Their public engagement team has extensive experience in communicating science to the public and training scientists to do so effectively. They will provide EIPOD4 fellows with public engagement training. Following the training, fellows will contribute to one of the NHM’s existing public outreach activities at the museum. Fellows complete one additional outreach activity of their choice. Here they can contribute to an existing activity at EMBL or may develop their own outreach activity (Figure 3).

**Figure 3:** Public engagement activities for EIPOD4 fellows

### 1.4. Career Development Support

EIPODs have access to a dedicated career development service. Together with the programme’s Career Advisor, they establish a personalised career development plan to define career goals and overcome personal and/or scientific weaknesses. EIPOD4 fellows wishing to leave academic research can explore non-academic career opportunities via a novel career secondment scheme (see details below). Additionally, mentoring is provided on multiple levels. This includes guidance from the group leaders involved in the research projects and from other faculty at EMBL via an established Second Mentor Programme. EIPOD4 fellows have the opportunity to engage in mentoring as part of the EIPODs Inspire scheme described below.

**Figure 4:** Career development support for EIPOD4 fellows

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This project has received funding from the European Union’s Horizon2020 research and innovation programme under grant agreement No. 847543.
**Career secondment scheme:** EIPODs interested in scientific positions outside of academia can explore opportunities directly after completion of their 36-months EIPOD positions via internships of their choice (max. 2 months). To be eligible fellows must have completed the programme’s training and public outreach activities and confirm their internship position with the career advisor.

**EIPODs Inspire scheme:** EIPOD fellows are paired with Master students from across Europe identified via a merit-based selection procedure. The pairs participate in a mentoring workshop offered at EMBL and then interact regularly during a mentoring period of 1.5 years. EIPOD fellows may also visit their mentee and give an institutional seminar.

2. **Eligibility criteria and application**

2.1. **Who can apply to the EIPOD4 programme?**

Experienced researchers with diverse educational backgrounds (e.g. life sciences, mathematics, chemistry, physics, engineering) who are passionate about pursuing ambitious interdisciplinary research projects in an international setting. They must fulfil the following eligibility criteria:

**Academic requirements:** Applicants must have completed a PhD at the date of recruitment or have 4 years of full-time equivalent research experience.

**Mobility requirements:** The EIPOD4 programme is open to experienced researchers of all nationalities. Prior affiliation with EMBL is permitted provided that an applicant has not worked at EMBL for more than 12 months in the 3 years prior to the application deadline. This includes visitors’ contracts.

2.2. **Application process**

Applications to the EIPOD4 fellowship programme are only accepted via the programme’s online application platform ([https://erecruit.embl.de/eipod-app/](https://erecruit.embl.de/eipod-app/)).

To apply for the programme:

- Open an online application ([https://erecruit.embl.de/eipod-app/](https://erecruit.embl.de/eipod-app/))
- Develop an interdisciplinary project idea: see i)
- Contact an EMBL host to discuss your project idea: see ii)
- Choose an EMBL partner: see iii)
- Choose an external research partner if relevant: see iv)
- Complete and submit the online application. Note: the project proposal (see i) and letter of support from the EMBL project host (see ii) and, if relevant, external partners (see iv) must be uploaded in the relevant sections of the online application.
- Make sure that your referees submit their references by the call deadline: see v)

i) **Project Requirements**

Applicants must develop and submit a self-defined interdisciplinary research project that allows them to gain new interdisciplinary skills. Projects must be hosted by an EMBL project host and one or more project partners at EMBL (see ii and iii). In addition, external partners from academia, industry, clinics and museums (see iv) may participate. Projects proposals must use the provided template available on the programme pages ([https://www.embl.de/training/postdocs/08-eipod/EIPOD4-programme/application/how-to-apply/index.html](https://www.embl.de/training/postdocs/08-eipod/EIPOD4-programme/application/how-to-apply/index.html)). The following sections are included in the template:

- Start page with project details (1 page)
- Background and significance of the project (approximately ¾ page)
- Project aims (approximately ¼ page)
- Project description (maximum 2 pages including 1 figure)
- The contributions from all involved groups with an emphasis on the interdisciplinary expertise
provided. Please also specify what skills you will bring to the project and what new interdisciplinary skills you will gain by completing it. (approximately ¾ page)

- References (maximum 1/4 page)

**Important note:** Project proposals not using the provided template or which exceed the 5-page limit are ineligible and will not be evaluated.

**ii) EMBL hosts**

To identify suitable EMBL hosts for research projects, EMBL faculty can be searched by research topic on the [EIPOD4 programme application page](#). Applicants should check to make sure the EMBL faculty they are interested in are participating in the open call. Contact the relevant EMBL faculty to discuss your project ideas. A letter of support from the main EMBL host is required as part of the submitted application. A confirmation letter template to be signed by the EMBL host stating that she or he supports your project can be downloaded here or from the programme pages.

**iii) EMBL Partners**

Projects require at least one EMBL partner. If you are not sure who would be suitable for your project you can discuss with the EMBL host. Most participating EMBL hosts have suggested potential EMBL and external collaborators (see collaborator link for the EMBL host you are interested in on the [participating faculty page](#)).

**iv) External Research Partner Requirements**

Applicants to the Academic track may include an external partner at the application stage or during the active phase of the project. For the Industry and Clinical track, an external research partner from the respective sector is required at the application stage. The choice of external partners is yours. Participating faculty also highlight their potential collaboration partners that may be relevant during an open call (see the [participating faculty page](#)). External partners must also sign letters of support (download template letter here) that applicants submit as part of their application.

**v) References**

Please make sure to complete and save the referee section in the online application as soon as possible after opening your application. Your referees will be contacted to complete the online reference form as soon as this section of the application is saved regardless of whether your application has been submitted or not. This provides referees with the maximum amount of time to complete their reference. It is the applicant’s responsibility to ensure that their referees complete the online reference by the call deadline. Please note that your referees can access the online reference form until the call deadline even if you have already submitted your application.

### 2.3. Call Schedule

EIPOD4 has one annual call for applications. The 2020 call is open from June 15th until September 9th, 2020. Key dates in the 2020 call are summarized in the table below:

**Table 1: 2020 EIPOD4 Interview Dates**

<table>
<thead>
<tr>
<th>Date(s) for the 2020 EIPOD4 call</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 15 - September 9, 2020</td>
<td>Call is open.</td>
</tr>
<tr>
<td>September 10 - 15, 2020</td>
<td>Eligibility check of submitted applications and assignment of expert evaluators.</td>
</tr>
<tr>
<td>September 16 -28, 2020</td>
<td>Evaluation of eligible applications by EMBL and external experts.</td>
</tr>
<tr>
<td>Date</td>
<td>Event Description</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>October 8, 2020</td>
<td>Short-listing meeting takes place.</td>
</tr>
<tr>
<td>October 12, 2020</td>
<td>EIPOD office sends out invitations to interview. Candidates who are not shortlisted are informed.</td>
</tr>
<tr>
<td>Prior to December 1, 2020 (exact timing pending discussion with involved EMBL faculty)</td>
<td>Candidates with EMBL faculty from Barcelona, EMBL-EBI, Grenoble, Hamburg and/or Rome involved in their projects visit the respective labs.</td>
</tr>
<tr>
<td>December 1, 2020 during the day</td>
<td>Interviewing candidates with EMBL Heidelberg faculty involved in their projects visit the labs.</td>
</tr>
<tr>
<td>December 1, 2020 (starting at 16:45)</td>
<td>Welcome event for interviewing candidates.</td>
</tr>
<tr>
<td>December 2 and 3, 2020</td>
<td>Interviews at EMBL Heidelberg for all interviewing candidates.</td>
</tr>
<tr>
<td>December 9, 2020</td>
<td>Interviewed candidates are informed of the outcome of the interviews.</td>
</tr>
</tbody>
</table>

3. **Review process**

3.1. **Eligibility check**

After the call closes submitted applications are checked for eligibility by the EIPOD4 programme manager. To be eligible applications must:

- be submitted via the programme’s online application platform (https://erecruit.embl.de/eipod-app/)
- meet the programme’s academic and mobility requirements (see section 2.1)
- have two submitted reference letters due by the call deadline
- use the project proposal template and respect the formatting guidelines and page limit (see section 2.2 i)
- have a letter of support from the EMBL host
- have a letter of support from external partners if there are external partners on the project (note: an external partner is optional for the academic track but mandatory for both the industry and clinical tracks)

Applications that meet the eligibility requirements are evaluated (see 3.2). For those that do not, the applicants are notified by the programme manager.

3.2. **Evaluation of applications**

There are two main criteria for the evaluation of all applications:

**Excellence:** Scientific excellence is assessed at the level of the individual researcher and of the proposed project.

**Interdisciplinarity:** In the application form, candidates indicate which skills they will bring to their projects and importantly, what new skills they will gain. Project proposals are likewise evaluated to ensure they are interdisciplinary.

Important additional aspects for the scoring of the applications are outlined below:

**Scoring and thresholds:** EIPOD4 is a competitive merit-based fellowship programme. It follows a well-defined weighted scoring system that is unbiased and transparent. Eligible applications are

This project has received funding from the European Union’s Horizon2020 research and innovation programme under grant agreement No. 847543.
independently reviewed by two EMBL group leaders and two external experts. Evaluators are asked to provide an overall impression of a candidate’s application in terms of excellence and interdisciplinarity as shown below:

### Table 2: Weighted scoring system used for evaluation

<table>
<thead>
<tr>
<th>Excellence</th>
<th>Interdisciplinarity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Candidate</strong></td>
<td><strong>Project</strong></td>
</tr>
<tr>
<td>Academic performance</td>
<td>Clarity of written project</td>
</tr>
<tr>
<td>Reference letters (2)</td>
<td>Timeliness</td>
</tr>
<tr>
<td>Research experience and technical skills</td>
<td>Feasibility</td>
</tr>
<tr>
<td>Scientific Interests</td>
<td></td>
</tr>
</tbody>
</table>

| **Weighting** | 40% | 20% | 20% | 20% |
| **Threshold** | 70% of max. score |

Each section is scored out of 4. The result of the weighted scoring shown in the table above is a mark out of 4 with the following values: 4 (outstanding); 3 (very good); 2 (good); 1 (average/below average). Each application is evaluated by 2 EMBL Faculty and 2 external evaluators. The results of the 4 evaluations are averaged to arrive at a final mark for each candidate. The short-listing committee uses the scores to generate the short-list for interviews and a ranked waiting list.

### 3.3. Interviews

Interviewing candidates visit the EMBL labs involved in the proposed projects before the on-site interviews take place (see Table 1). The interviews for the 2020 EIPOD call will take place on Wednesday December 2nd and Thursday December 3rd, 2020. Candidates give an open talk on their research accomplishments (10 minutes) and have a closed panel interview (30 minutes per candidate).

### 3.4. Results

The offer committee establishes a list of offers and a ranked waiting list based on the interview scores. Interviewing candidates are informed of the outcome of their interview by email within 1 week of the official interviews which includes individualized feedback.

### 3.5. Appeal procedure

Applicants not put forward following the eligibility check or short-listing or who do not receive an offer following the interviews have the right to request an appeal. The details of the appeal procedure are included in the outcome email. Only procedural aspects of the evaluation and selection are open to appeal. The scientific judgement of the evaluators and panels is not. Requests for appeal must be submitted by email to the Programme Manager using the appeal form included with the outcome email within 7 days of a candidate receiving a rejection. Appeal requests will be treated confidentially and are reviewed by an Appeals Committee.

### 4. Fellowship conditions

EIPOD4 fellows receive an initial contract for 3 years. MD/PhDs in the clinical track can define the length of their fellowship (1.5-3 years) based upon their individual needs. Fellows can stay at EMBL
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for a total of 5 years, provided that the Project Host has additional funds. The conditions of employment, as detailed in the work contracts, are summarised below. Further details can be found on the programme pages.

**Living allowance:** Generous monthly salary calculated based on the EMBL duty site and subject to annual increases.

**Social security:** Fellows are part of an obligatory social security system consisting of a pension scheme, health insurance, accident at work insurance and unemployment insurance. Both the pension and unemployment insurances are portable.

**Leave:** Fellows receive 2.5 days of leave per month of service. In addition, they receive sick leave, maternity leave, paternity leave and special leave (i.e. for adoption of a child, fostering a child, entering into a union, death in the family, civil duties, to nurse a dependent child)

**Additional insurances:** Optional death benefit and long-term care insurances are available.

**Allowances:** Fellows in a union receive a monthly dependent allowance regardless of the employment status of their partner. For every dependent child, they also receive a children allowance.

5. **Data protection and ethical considerations**

**Data protection:** EMBL ensures a high level of data protection and complies with EU General Data Protection Regulations (GDPR). The institute’s data protection framework including its internal policy on general data protection are available here.

**Ethical considerations:** Successful projects are screened by the Ethics Committee for ethical considerations based on the EC’s guidelines and EMBL’s own internal policies. Projects requiring ethical approvals must have these in place prior to a fellow beginning their project.

6. **EIPOD4 information webinar for interested applicants**

The EIPOD Office will provide an interactive webinar for interested applicants during the open call. This will include a short presentation on the EIPOD4 programme and how to apply. Participants will have the opportunity to ask question. A recording of the webinar will be made available on the programme pages. The date of the webinar is:

-May 29th, 10:00 CEST [http://medias01-web.embl.de/Mediasite/Play/c57ea80a4dc646199b24f68ec0de50441d](http://medias01-web.embl.de/Mediasite/Play/c57ea80a4dc646199b24f68ec0de50441d)

7. **EIPOD Office contact information**

Do you have additional questions? Get in touch with the EIPOD Office:

**EIPOD Office**
Tel.: +49 6221 387 8329
Email: eipod@embl.org