



Maths4Life

2017 Call for Programme

TERMS & CONDITIONS

Section II, article 6, letters c) and q) of the Statutes of the *Fundació Institut de Recerca Biomèdica* (hereafter referred to as IRB Barcelona) establish that this institution will promote activities that address collaboration and knowledge transfer and also make calls for fellowship (herein referred to as grant) applications and subsequent awards of the same.

The grants are assigned to students enrolled in an undergraduate programme or MSc and who perform a research internship under the supervision of group leaders at IRB Barcelona.

I. Objective

These Terms and Conditions serve to regulate the summer internships grants for the Maths4life call 2017.

II. Grant Call

The fourth edition of “Maths4Life” initiative is aimed at outstanding and highly motivated undergraduates and MSc students with a strong interest in mathematics and statistics.

4 grants are offered for students to perform an internship stay from July 2017 until September 2017. The grant stipends included in this call are covered by IRB Barcelona structural funds for a maximum of 4 months from the start of the internship.

A minimum of 20h/week of research work will, be distributed from July to September 2017 upon agreement with the project supervisor at IRB Barcelona.

All grant awardees will be contracted by IRB Barcelona. Awardees will receive up to 400€ gross/month for the training period of a maximum of 12 weeks.

The awardees will be offered to participate in the activities undertaken at the institute during their stay that may fit with their target and interest.



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The awardee's supervisor will be the group leader at IRB Barcelona (or the designated senior researcher) previously assigned and agreed with the awardee before the contract signature. This group leader will oversee that the duties assigned to the awardee are fulfilled and will notify IRB Barcelona's Academic Office, alterations in the fulfilment of the assigned duties or other pertinent circumstances, in order to apply corrective measures and/or to start proceedings to withdraw the grant.

III. Requirements and Selection criteria

1.- The Maths4Life Summer Stays Programme has been designed to encourage and further the education of young emerging researchers in biomedical research topics.

- Addressed to BSc students that have completed at least 120 ECTS of a BSc degree in Mathematics, Physics, Statistics, Informatics, and related areas by June 2017 and MSc students in the same fields.
- Sound knowledge of statistics or programming for biology, chemistry or medicine backgrounds.
- Good knowledge of English.

Students will be awarded a place on basis of academic records, motivation letter, as well as other criteria, such as internationalization, previous research experience, and letter of reference.

2. Candidates are selected exclusively on merit, on the basis of their curricula. Academic grades and the curriculum of applicants are evaluated as well as recommendation letter and a motivation letter. No selection criteria for positive or negative discrimination are applied.

IV. Application Procedure

Before the deadline, candidates should send the documents listed below to phd@irbbarcelona.org indicating "Maths4Life candidacy" in the subject box.

- CV
- A scanned copy of the student's certified Academic Record. These documents must show the grades attained in exam periods.
- Additional certificates, prizes, and recognitions
- Motivation letter
- A letter of reference from university lecturers or scientists with who the applicant has studied or worked. Only letters with an official letterhead and signature will be accepted.



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Applicants should indicate up to two research groups in which they would like to work, in order of preference. Moreover, if candidates are interested in a particular research group, they should make reference to it in the motivation letter. More information on the research activities of each group can be found on the IRB Barcelona web pages.

Referees must send their letters directly to IRB Barcelona to the address: phd@irbbarcelona.org. Only letters with an official letterhead and signature will be accepted. Candidates are responsible for ensuring that their referee sends the letter. Applications not accompanied by this letter will not be processed.

Applicants should submit information wherever possible in English (CV, motivation letter, summary of work experience). If the certified academic record is not in Catalan, Spanish or English, applicants should also attach a translation into one of these languages.

V. Selection

After the application deadline:

1. A Review Board comprising IRB Barcelona group leaders and members of the IRB PhD Advisory Committee will be in charge of drawing up a preliminary list of candidates.
2. Group leaders may interview the invited candidates and will make a final selection.
3. Applicants can follow the status under request to the email phd@irbbarcelona.org
4. Applicants who have not been successful but have received a positive evaluation will be put on a waiting list to cover possible renunciations and future positions.

VI. Calendar

04 April 2017 - Call opening

03 May 2017 - Call deadline and preselection of the candidates

June 2017 - Notification to candidates

Start of stays from **1st July 2017**.

At the end of the stay, each student must prepare a summary report that will be send to the IRB Barcelona Academic Office phd@irbbarcelona.org as well as the IRB supervisor.



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VII. Communication of grant award

1. Selected candidates will be informed via email of the grant award. After the acceptance of the award, the awardee will receive all detailed information.

VIII. Rights of awardees

1. To be provided with the necessary assistance to perform his/her studies and research activities. He/she will have a tutor who will provide assistance during their stay at the IRB Barcelona.
2. Regarding the intellectual and industrial property rights of the awardee will be regulated by the work contract with IRB Barcelona.
3. The awardee will have employment and Social Security rights derived from the formal employment contract with the IRB Barcelona.
4. To exercise intellectual property rights derived from his/her training activity in accordance with his/her contribution, as established in the Intellectual Property Law, Royal Decree 1/1996, 12 April. These rights will be independent, compatible and accumulative with other rights that may arise from the research developed, without negatively affecting the rights of the joint effort when the awardee participates in or is associated with a joint research project.
5. Regarding possible industrial property rights of the awardee, these will be regulated by Patent Law 11/1986, 20 March, and Royal Decree 55/2002, 18 January, governing the exploitation and license of rights on discoveries made in public research organizations. Said rights will not be linked to the grant.

IX. Responsibilities of awardees

1. To fulfil the terms and condition established in this call.
2. To perform his/her research activity under the supervision of a project supervisor at IRB Barcelona while the grant is effective. In addition, he/she must perform the activities foreseen in the research training and specialisation programmes of the Institute as well as to satisfactorily fulfil the objectives of the training programme.
3. To comply with the internal regulations of IRB Barcelona particularly regarding working conditions and the prevention of occupational risks.
4. To inform IRB Barcelona in advance of articles that carry his/her name and are published in scientific journals.



5. To undertake the duties that correspond to him/her as a result of being contracted by IRB Barcelona, as well as those associated with inclusion in the Social Security System.
6. To inform IRB Barcelona if he/she receives other grants or funding.

X. Termination of grants

The grants will be revoked in the case that the awardee has withheld or falsified information. The grant will also be revoked if the awardee does not fulfil the responsibilities described in point IX.

XI. Incompatibility

Awardees will be devoted exclusively to the research or technical training and specialisation activities defined in this call. The grants included in this call are not compatible with any other type of grant or fellowship from other public or private organizations.

XII. Legal regime

All awardees will be subjected to the legal regime according to the law in force at the time of concluding the contract.

In accordance with Organic Law 15/1999, 13 December, governing personal data protection, any personal data provided by applicants will be incorporated into the Academic file of IRB Barcelona for which we are the data processor. The purpose of keeping such data is to manage our relationship with applicants. Applicants may exercise the rights to access, change or delete said information by contacting the Research and Academic Department of the Institute at the following e-mail address: phd@irbbarcelona.org, or by writing to the following postal address: C/ Baldiri Reixac, 10, 08028, Barcelona.

XIII. Dissemination

Any information regarding this grant will be placed on the announcement board on the IRB Barcelona web site.

XV. Clarification



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The Head of Research and Academic Affairs Department of IRB Barcelona or designated representative will be responsible for clarifying queries regarding these terms and conditions.

Barcelona, 04 April 2017

Joan J. Guinovart Cirera
Director of IRB Barcelona

ANNEX 1 IRB Barcelona Research groups participating in the Maths4Life call 2017

- Structural Bioinformatics & Network Biology
- Stem cells and cancer
- Molecular modelling and bioinformatics
- Genome data science
- Biostatistics/Bioinformatics Core Facility