

COMMUNICATION

Selective Process for Master, Doctorate and PhD Programs of the Graduate Program in Sciences (General Physiology) of the Institute of Biosciences USP.

The Graduate Program in Sciences (General Physiology), which has concept 4 in CAPES, is offering 25 vacancies for Master and 25 vacancies for Doctoral and Direct Doctorate.

I. SITE AND PERIOD OF REGISTRATION

Applications must be made at the Postgraduate Secretary Office, in the Administration Building of the Institute of Biosciences, at Rua do Matão, Travessa 14, no. 321 - Cidade Universitária, CEP: 05508-090 - São Paulo.

Subscriptions will be received in a continuous flux, from March 18th to November 11th 2019, from Monday to Friday, from 10AM to 11:30AM and from 2:00PM to 4:00PM. Subscriptions will be accepted by mail, received at the Secretary office until the last day of the registration period. Subscriptions can also be sent through the electronic address cpg@ib.usp.br, with the required documents in pdf format. In this case, registration will only take place if the documentation is complete and the candidate receives a message acknowledging receipt of the complete documentation. Registration must be sent by 4:00PM on 11/11/2019 to the indicated e-mail address.

The annual calendar of the Entrance Exam is available in ITEM V of this announcement. In order to be evaluated in one of the predefined dates, the candidate must register with a minimum 15 days advance.

The candidate must choose a minimum of two periods for making the exams (ITEM V) when filling the form (ITEM II). The registration documentation is valid for all entrance exams offered in this announcement.

If the candidate fails the exam and there are still subsequent exam periods indicated in this announcement, he/she can try again. The candidate must confirm the intention to carry out a new evaluation through the email address ([roseliss @ usp.br](mailto:roseliss@usp.br)) up to 15 days before the pre-defined dates in ITEM V.

I. REQUIRED DOCUMENTS

For all applicants, the registration will be made by presenting 1 (one) copy of the following documents:

- Standard application with original signature (registration form, available at: <http://www.pos.ib.usp.br/ingresso/instrucoes-gerais.html>);
- Simple copy of RG and CPF (if Brazilian); RNE or Passport (if foreign);
- Simple copy of Graduation Diploma, proof of completion of course or proof that is taking the last semester of the Undergraduate Course;
- Certificate of Proficiency in English (see ITEM II.1 FOR MORE INFORMATION);
- Form for choosing the dates of the test periods, available at: (http://posfisiologia.ib.usp.br/images/Opcao_datas_Fisiologia.pdf).

And three (3) copies of the following documents:

- Graduate School History;
- Curriculum vitae;
- Summary of the research proposal (See ITEM II.2 FOR MORE INFORMATION).

Doctoral candidates who already hold a Master's degree must also present:

- 1 (one) copy of the Master's Degree or document proving the deposit of the Master's Dissertation;
- 3 (three) copies of the Master's School Record;

Candidates for the Direct Doctorate or for a Master's degree for Doctorate must also present:

- 3 (three) copies of scientific papers published or in press, in a journal indexed in the Science Citation Index (SCI), in which the candidate is the first author.

In the case of subscriptions via e-mail, attach a separate ".pdf" file for each document, requiring a copy of each.

Caution: Subscriptions with incomplete or out-of-date documentation will not be accepted.

II.1. CERTIFICATE OF PROFICIENCY IN ENGLISH LANGUAGE

For the Entrance Exam subscription, the Certificate of Proficiency in English must be one of the options listed below, with a score equal to or greater than the value specified in parentheses.

Master's degree: TOEFL (iBT) (62), TOEFL (Computer-based) (177), TOEFL (Paperbased) (500), TOEFL ITP (500), IELTS (5,0), TOEIC (600), ESLAT (5,0), FCE (First Certificate in English, Cambridge), CAE (Certificate in Advanced English, Cambridge), CPE (Certificate of Proficiency in English, Cambridge), B2

First (Cambridge), C1 Advanced (Cambridge), C2 Proficiency (Cambridge), English Proficiency Test of União Cultural Brasil Estados Unidos (60% for approval), Exame de Proficiência em Inglês do Centro Interdepartamental de Línguas of FFLCH/USP (equal to or higher than 5,0).

For the PhD and PhD, the minimum score on these Certificates should be: TOEFL (iBT) (82), TOEFL (Computerbased) (217), TOEFL (Paper-based) (550), TOEFL ITP (550), IELTS (6,0), TOEIC (700), ESLAT (6,0), CAE (Certificate in Advanced English, Cambridge), CPE (Certificate of Proficiency in English, Cambridge), C1 Advanced (Cambridge), C2 Proficiency (Cambridge), English Proficiency Test of União Cultural Brasil Estados Unidos (70% for approval), English Proficiency Test of the Centro Interdepartamental de Línguas of FFLCH/USP (equal to or higher than 7,0).

The Program Coordinating Committee (CCP) may waive the presentation of an English Proficiency Certificate to candidates who prove that their native language is English or who have been literate in the English language. To do so, the applicant must send a detailed request to the CCP requesting the dispensation. If the application is denied, the candidate will be notified and may send one of the usual proficiency certificates (listed above) until the end of the application deadline.

II.2. SUMMARY OF THE RESEARCH PROPOSAL

The summary of the candidate's research proposal must be presented according to the model found on the program page (<http://www.posfisiologia.ib.usp.br/ingresso.html>). The summary of the proposal should be written in full in Portuguese, English, or Spanish.

I. SELECTIVE PROCESS AND TESTS

The Selection Committee will be composed by at least three examiners indicated by the Program Coordinating Committee (CCP).

Candidates for Master, Doctorate and PhD programs, who have already obtained a certificate of proficiency in English, will be evaluated by means of an eliminatory Physiology Test (See ITEM III.1.).

Successful candidates in the Physiology Test will be submitted to the Interview (See ITEM III.2.).

The final score will be the average of the scores obtained in the Physiology Test and in the Interview.

III.1. PHYSIOLOGY TEST

The Physiology Test will be based on interpretation of a scientific text of Physiology, made available to the candidates at the time of the exam.

At the time of registration, the candidate must choose the language of the Physiology Test: Portuguese, Spanish or English. The answers must be fully written in the chosen language.

The Physiology Test will have 4 hours of duration and maximum score 10.0. Candidates who obtain a score equal to or higher than 5.0 (five) for the Master's Degree and 7.0 (Seven) for the PhD and direct PhD will be approved.

Criteria for the evaluation of the Physiology Test

The following will be evaluated: 1) Understanding the information contained in the text; 2) Ability to synthesize and organize ideas; 3) contextualization of the information regarding concepts of Physiology.

Method of proofreading

The exams will be independently corrected by three members of the evaluation committee. The score of the exam will be the average of the examiners' scores.

The scores of the Physiology Test will be made available through an electronic message, sent to the address provided by the candidate in the Subscription Form.

Recommended bibliography:

- Kathleen French, David Randall e Warren Burggren. 2011. Eckert - Fisiologia Animal - Mecanismos e Adaptações. 4^a. ed. Editora Guanabara Koogan, São Paulo.
- Margarida de Mello Aires. 2018. Fisiologia. 5^a. ed. Editora Guanabara Koogan, São Paulo.
- Guyton, A.C. Hall, J.E. 2017. Tratado de Fisiologia Médica. 13^a ed. Elsevier, Rio de Janeiro.
- Abul K. Abbas, Andrew H. Lichtman e Shiv Pillai. 2015. Imunologia Celular e Molecular. 8^a.- ed. Editora Elsevier.

The Physiology Test can be carried out from distance, if approved by the CCP (see ITEM III.3.).

III.2. INTERVIEW

The Interview aims to evaluate the candidate's potential for academic and research activities in the Graduate Program. Each candidate will be interviewed by at least three examiners indicated by the CCP.

Criteria for the Interview evaluation

All candidates will be evaluated for: 1) Mastery of basic concepts in Physiology and in the subarea in which the candidate intends to develop his project; 2) Fluency in the discussion about the objectives, hypotheses and approaches of

the presented research proposal and 3) Critical analysis on the adequacy of the research proposal to the research lines of the program.

For the PhD and direct PhD candidates, some additional aspects will be evaluated: 4) seize of previous research experience in terms of internships, participation and / or organization of scientific events, dissemination of research results and monitoring experience or equivalent activities.

Candidates who obtain a score of 5.0 (five) for the Masters and 7.0 (Seven) for the PhD or direct PhD by at least two of the three members of the selection committee will be approved.

The Interview may be held by videoconference if approved by the CCP (see ITEM III.3.).

The scores of the Interview and the final score of the Exam will be informed by means of an electronic message, sent to the address provided by the candidate in the Subscription Form.

III.3. DISTANCE PHYSIOLOGY TEST AND INTERVIEW BY VIDEO-CONFERENCE

Distance Physiology Test

Applicants who wish to take the Distance Physiology Test, must declare interest at the time of registration. Once authorized by the CCP, the test will be applied by a professor linked to the University Institution, to be indicated by the candidate within seven (7) days before the date of the exam. Failure to comply with this deadline will be considered as the candidate's withdrawal.

The candidate must inform the CCP of the name of the researcher, his / her institutional address, and the name and page of the Institution in which he / she works. The researcher will be formally consulted by the CCP about their willingness to supervise the exam.

The exam must be applied on the same date and preferably at the same time as the on-site exam. In case of time zone differences, after approval by the CCP, the test may be performed in alternative time.

The material pertinent to the exam will be sent to the institutional electronic address of the supervising researcher 30 minutes before the scheduled time for the exam. The exam containing the candidate's responses should be scanned and sent to the program within 60 minutes after the time allowed for completion.

Communication problems not originated by the Graduate Program in General Physiology will be considered equivalent to the absence of the candidate in the exam.

Interview by videoconference

The possibility of a videoconference can be authorized by the CCP. Interview by videoconference will be carried out using the same procedures described for the on-site interview. The interview can be made in Portuguese, Spanish or English, by means of the candidate's statement and also after approval of the CCP.

Candidates intending to be interviewed by videoconference should declare interest at the time of registration and should contact the Audiovisual Section of IBUSP (audiovisual@ib.usp.br) to receive technical information and schedule a communication test.

The candidate must be present on the date and time indicated for the interview, in a virtual environment compatible with the communication protocols recommended by the IB Audiovisual Section. Failure to comply with these requirements will be considered as absence in the interview. Protocols not recommended by the IB Audiovisual Section may be used with the prior approval of the CCP, which will not be responsible for the quality of the communication. In this case, failure of communication by the candidate, which prevents the interview at the time and date marked, will be considered as the absence of the candidate in the interview. Communication failures by the IB Audiovisual Section that prevent the interview at the appointed time and date will be discussed by the CCP.

I. ENROLLMENT

Approved candidates will be able to enroll within a year and a half after their approval. For more information on initial enrollment, go to <http://pos.ib.usp.br/matricula/inicial.html>.

The initial enrollment form must be signed by an accredited advisor in the Program.

II. APPOINTMENT OF EXAMINATION DAYS

Entrance exam tests will be held from 9 am, preferably in the Sala Erasmo Garcia Mendes Department of Physiology - IB / USP, in the following periods:

First period: 22nd (Physiology Test) and 25th (Interview) of April 2019,

Second period: 16th (Physiology Test) and 19th (Interview) of September 2019,

Third period: 25th (Physiology Test) and 28th (Interview) of November 2019.

Non-approved candidates may retrieve the submitted documentation up to 60 days after the closing of the exam.

Participating candidates will be able to request an exam view up to 24 hours after disclosure of the scores of the Physiology Test. Requests must be sent

through the electronic address (roseliss@usp.br). The exam view will be scheduled in agreement between candidate and CCP, with the presence of at least one member of the evaluation committee. More information can be obtained at the Graduate Secretary Office (Secretaria de Pós-Graduação)-IB USP - phone: (0xx11) 3091-7517 - E-mail: cpg@ib.usp.br - URL: <http://www.pos.ib.usp.br>