



INVITATION FOR APPLICATIONS FOR THE 2018 SELECTION PROCESS

(for foreigners resident outside Brazil)

Aprovação: **Deliberação CPG/FCM 031/18**

The Graduate Program in Medical Pathophysiology at the School of Medical Sciences (FCM) State University of Campinas (UNICAMP) invites applications for the Masters and PhD programs starting in the second semester of 2018.

The admission examination is intended for students who already have a **defined Advisor who is accredited on the Program**. For a list of accredited advisors see Appendix I.

I. MAIN AREAS OF RESEARCH AND SPECIFIC LINES OF INVESTIGATION

1. Areas of Research

AA - Structural, Cell, Molecular and Developmental Biology

AB - Neuroscience

AC - Experimental Medicine

➤ Lines of Research:

- Morphofunctional and Molecular Analysis in Neurological Diseases
- Pathological and Molecular Mechanisms of Neoplastic and Hereditary Diseases
- Culture, Expansion and Differentiation of Totipotent Cells
- Human Genome, Cloning and Characterization of New Genes and New Proteins
- Molecular Mechanisms Involved in Mitochondrial Oxidation
- Mechanotransduction and Molecular, Cellular and Pharmacological Mechanisms Involved in Cardiovascular Hypertrophy and Remodeling, Arterial Hypertension and Insulin Resistance
- Experimental and Clinical Investigation in Neoplastic and Immune Diseases
- Analytical and Cell Pathology
- Cell Signaling and Functional Studies Using Modified Animals

II. TARGET AUDIENCE

- Professionals with an undergraduate degree

III. NUMBER OF POSITIONS

- Up to twenty five (25) positions will be offered for both Msc and PhD levels (combined) divided into the 3 main areas of research (listed above)



IV. HOW TO APPLY

1. APPLICATION PERIOD

Applications to take part in the selection process for the masters and doctoral programs in Medical Pathophysiology must be made online at <https://www1.sistemas.unicamp.br/siga/ingresso/candidato/>. This link is only available from **May 21st to 29st, 2018**. After proper filling of the personal data, each applicant will receive an application form (PDF file) that should be printed, signed by the applicant and submitted with the remaining documents needed.

Important: The advisor's name (see Appendix I), concentration area and line of research must be specified (see Appendix II). Please consult the data on the program web page at:

<https://www.fcm.unicamp.br/fcm/en/post-graduation/post-graduation-medical-pathophysiology>

Documents must be sent by express mail (door-to-door service) in a closed envelope with the sender's and addressee's names and addresses on it. We request that all applicants use the label form provided in Appendix II of this document. The latest date for posting documents is **May 30th, 2018**. Documents will only be received at the Postgraduate office from Monday to Friday between 9:00 am and 5:00 pm.

Incomplete documentation will automatically result in a candidate's application being rejected, without any right of appeal.

2. DOCUMENTS REQUIRED WHEN APPLYING

- **1 original copy of a signed, printed application form** duly filled out and without any abbreviations. The form is available only during the application period at <https://www1.sistemas.unicamp.br/siga/ingresso/candidato/>.
- **1 digital 3x4 cm colored photograph** should be loaded in the Academic Management System (SIGA) at <https://www1.sistemas.unicamp.br/siga/ingresso/candidato/>. Click on “**Cadastro Foto**” (**After the creation of a username and password**)
- ❖ ***The photograph should be a recent one and should have the following characteristics:*** jpeg, pjpeg or jpg; if possible, it should not have been taken with an automatic machine (instant cameras); the background should be white or blue; and the file should be no larger than 150kb.
- **1 recent 3x4 photograph** with the candidate's name on the back, this **must be sent** together with the documentation;
- **1 original copy of a signed letter** from the accredited advisor (see Appendix I) stating that **he/she agrees to act as the candidate's advisor**. An example of a letter can be found at:
<http://www.fcm.unicamp.br/fcm/ensino/pos-graduacao/formularios>
- **1 copy of the document confirming interest in an institutional scholarship** (CAPES e CNPq) signed by the advisor. (see section V)
- **1 complete up-to-date copy of the candidate's Curriculum Lattes résumé** (CNPq format/ Lattes Platform - <http://lattes.cnpq.br>). Other CV formats will not be considered;
- **2 authenticated copies of the candidate's undergraduate degree certificate**, (front and back). **NB:** degree certificates will only be accepted if they have been duly registered and translated by a sworn translator and authenticated by a Brazilian consular office.



- **2 authenticated copies of the candidate's MSC degree certificate**, (front and back). For those PhD candidates who have already completed Masters degree. **NB:** degree certificates will only be accepted if they have been duly registered and translated by a sworn translator and authenticated by a Brazilian consular office.
- **1 copy of the candidate's undergraduate transcript** (this should be recent and have been translated and duly authenticated).

IMPORTANT:

- ✚ To be valid in Brazil, foreign documents must be authenticated in a Brazilian consular office in the country where they were issued and be translated by a sworn translator. Before entering Brazil, interested students should go to a Brazilian consular office in the country where the documents were issued to have them authenticated.
- ✚ Documents issued electronically must be signed by the issuing third-level institution and authenticated by the Brazilian consular office in the country of origin.
- ✚ For documents issued by international institutions, please consult the link [documents issued by international institutions](#).
- ✚ After the candidate's application has been accepted, he will receive a letter of acceptance that will enable him to obtain his student visa from the Brazilian consular office in his country of origin.
- ✚ On arrival in Brazil, candidates must register their student visa with the Federal Police. As soon as they arrive at Unicamp, candidates should go to the Support Service for Foreign Students (*Serviço de Atendimento ao Aluno Estrangeiro*) at the Office of the Registrar (*Diretoria Acadêmica*, or DAC), where they should present their temporary ID (*protocolo de registro de visto*) (front and back) and passport, with copies of the pages containing the following information:
 - ✓ passport holder's details;
 - ✓ visa;
 - ✓ entry stamp;
 - ✓ registration stamp.
- **2 authenticated copies of the pages of the passport with the holder's details**
 - ✚ Individuals who have a permanent visa need only to present their valid ID (*registro nacional de estrangeiro*, or RNE) and a copy of this. **Important Note: Under no circumstances will driving licenses or professional IDs be accepted.**
- **2 authenticated copies of a birth certificate or marriage certificate**;
- **2 authenticated copies of a certificate in proficiency in English**. The following certificates are accepted: **TEAP (Test of English for Academic Purposes)** with a minimum score of 70; **TOEFL** with a minimum score of 213 for the Computer-Based Test (CBT), 550 for the Paper-Based Test (PBT) or 80 for the Internet-Based Test (IBT); or **IELTS** with a minimum score of 5.0 (test report form and a sworn translation);
- **1 copy of the Ethics Committee's approval** of the project to be carried out or the official receipt showing that this has been applied for. At the time of formal enrollment, the applicant must have the project approved by the Ethics Committee. For projects that do not need ethical approval, the applicant must submit a letter signed by the advisor explaining the reasons for that.

Read **CAREFULLY** the document "[Guidance on the prevention of infectious diseases among those following](#)



undergraduate, residency, graduate and non-physician residency programs in the health field" (*Orientação sobre a prevenção de doenças infecciosas entre graduandos, residentes, pós-graduandos e aprimorandos da área da saúde*), which is available by clicking on the link *Orientações sobre as vacinas* (Guidance on vaccinations) at <http://www.fcm.unicamp.br/fcm/ensino/pos-graduacao/formularios>

❖ Send the following documents together with the above documents:

- **1 copy of the Agreement (*Termo de Responsabilidade*)** duly signed by the candidate. This is available at <http://www.fcm.unicamp.br/fcm/ensino/pos-graduacao/formularios>
- **1 ordinary copy of the vaccination record;**
- **1 copy of the research project** (in a spiral binding) related to one of the lines of research in the program as indicated in the application form. The project should be written in Portuguese, English or Spanish. This should be typed in up to 20 (A4) 1.5 - spaced pages (Arial 11 font) including references and should contain the following information:

- | | |
|---|---------------------------|
| - Project title, student's name and advisor's name; | - Objectives; |
| - Line of Research (see Appendix III) | - Materials and Methods; |
| - Abstract with up to 250 words; three keywords; | - References; |
| - Introduction; | - Schedule of activities; |

V. SCHOLARSHIPS

Program Scholarships

The program coordination cannot guarantee that all approved candidates will receive institutional scholarships (from the agencies CAPES and CNPq). We strongly recommend that all candidates also apply for other funding agencies such as FAPESP.

Important: Candidates interested in receiving an institutional scholarship must provide to the program coordination a formal document signed by the advisor informing the interest.

Criteria for receiving Program Scholarships

Selection of the recipients is done according to the relative use of such institutional scholarships by each one of the advisors. Advisors with fewer active students receiving such scholarships will be given priority in the distribution of new scholarships. Whenever a scholarship is available, information will be first directed to the advisor.

In order to receive the scholarships, candidates must be regularly enrolled, have a full dedication to the post graduate program and no outside job.



VI. SELECTION PROCESS

The selection process consists of a single stage:

1. SINGLE STAGE

- ANALYSIS OF THE RESEARCH PROJECT;
- ANALYSIS OF THE CURRICULUM LATTES
- ANALYSIS OF PROFICIENCY IN ENGLISH

VII. QUESTIONS

Questions about the final results will only be considered in the first 2 working days after the result is released.

Questions raised after the above defined deadlines will not be considered

Questions should be properly justified and must include: name, application number, identity card number, name of advisor, address, phone numbers, email address, specific question raised, reasons for questioning, place, date and signature.

Each question must be sent either electronically to fisio@fcm.unicamp.br or alternatively brought personally by the applicant to Comissão de Pós-graduação - Faculdade de Ciências Médicas – Unicamp, Rua Tessália Vieira de Camargo, 126 – Cidade Universitária “Zeferino Vaz” – Campinas-SP – CEP 13083-887, taking into account working hours (9:00 am – 5:00 pm).

The decision of the raised questions will be published at <http://www.fcm.unicamp.br/fcm/pos-graduacao-em-fisiopatologia-medica/processo-seletivo> within 2 working days after the question was sent to the program coordination.

Every question sent out of the format and deadlines herein defined will not be considered.

VIII. CALENDARY

Application online period: May 21st to 29th, 2018

Submission of documents: up to May 30th, 2018 express mail (door-to-door service)

Announcement of results: from June 29th, 2018 (*)

- **Results will not be given by the telephone;**

(*) The results will be announced on the program's web page at

<http://www.fcm.unicamp.br/fcm/ensino/pos-graduacao/programas/pos-graduacao-em-fisiopatologia-medica>

- Online enrollment at the DAC: 13 to 17th July 2018.

An e-mail will be sent by the program with details of the time and place where passwords for enrollment will be handed out.

- Candidates who are accepted start officially in August 2018;



APPENDIX I

Accredited advisors for the graduate program in medical pathophysiology, second semester 2018:

- Anibal Eugenio Vercesi
- Carmen Silvia Passos Lima
- Clarissa Lin Yasuda
- Erich Vinicius de Paula
- Fernando Cendes
- Fernando Ferreira Costa
- Iscia Teresinha Lopes Cendes
- José Antonio Rocha Gontijo
- José Barreto Campello Carvalheira
- Joyce Maria Annichino Bizzacchi
- Kleber Gomes Franchini
- Konradin Metze
- Leonardo Oliveira Reis
- Li Li Min
- Licio Augusto Velloso
- Marcondes Cavalcante Franca Junior
- Mário Jose Abdalla Saad
- Nicola Amanda Conran Zorzetto
- Patrícia Aline Bôer
- Rodrigo Ramos Catharino
- Roger Frigerio Castilho
- Sara Teresinha Olalla Saad
- Simone Appenzeller



APPENDIX II

IDENTIFICATION LABEL (TO BE PLACED IN FRONT OF THE SUBMISSION ENVELOPE):

PROCESSO SELETIVO DO PROGRAMA DE PÓS-GRADUAÇÃO EM FISIOPATOLOGIA MÉDICA/FCM

NOME COMPLETO (Full name): _____

NOME DO ORIENTADOR (Advisor): _____

NÍVEL (Level): MESTRADO (Msc) DOUTORADO (PhD)

2. ADDRESS TO WHICH DOCUMENTS SHOULD BE SENT

UNIVERSIDADE ESTADUAL DE CAMPINAS – UNICAMP

Faculdade de Ciências Médicas - Comissão de Pós-Graduação

Programa de Pós-Graduação em Fisiopatologia Médica – ***Ms Regina de Paula***

Rua Tessália Vieira de Camargo, 126 – Cidade Universitária “Zeferino

Vaz” Distrito de Barão Geraldo – Campinas / SP - Brasil

CEP. 13.083-887



APPENDIX III

MAIN AREAS OF RESEARCH AND SPECIFIC LINES OF INVESTIGATION

Areas of Research – Sub-divisions:

AA - Structural, Cell, Molecular and Developmental Biology

AB - Neuroscience

AC - Experimental Medicine

Specific Lines of Investigation

- Morphofunctional and Molecular Analysis in Neurological Diseases
- Pathological and Molecular Mechanisms of Neoplastic and Hereditary Diseases
- Culture, Expansion and Differentiation of Totipotent Cells
- Human Genome, Cloning and Characterization of New Genes and New Proteins
- Molecular Mechanisms Involved in Mitochondrial Oxidation
- Mechanotransduction and Molecular, Cellular and Pharmacological Mechanisms Involved in Cardiovascular Hypertrophy and Remodeling, Arterial Hypertension and Insulin Resistance
- Experimental and Clinical Investigation in Neoplastic and Immune Diseases
- Analytical and Cell Pathology
- Cell Signaling and Functional Studies Using Modified Animals