

FACULTY OF DENTISTRY OF RIBEIRÃO PRETO - USP

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ANNOUNCEMENT

Opening of admission enrolment for students to the Postgraduate program in DENTISTRY.

In the period between the 14th May to 17th June 2024 (except on Saturdays, Sundays, holidays and faculty days) registration will be open for the selection of students for the Postgraduate Program in PEDIATRICS DENTISTRY - Concentration Area: PEDIATRICS DENTISTRY, MASTERS level and DIRECT DOCTORATE/DOCTORATE, to start the course in the 2nd semester of 2024.

Registration must be made at the Postgraduate Service of the Faculty of Dentistry of Ribeirão Preto (FORP) of the University of São Paulo, to fill **05 immediate vacancies for the Master's course and 05 immediate vacancies for the Doctorate/Direct Doctorate course**, both courses will have reservation registration.

Master's degree holders or those who are currently studying a Master's degree and will obtain the title before the first registration day, established in item 3.1 in this notice, will be considered candidates for the Doctorate. Candidates who do not hold a Master's degree will be considered for the Direct Doctorate program.

Candidates for the Doctorate course (Master's degree holders) and candidates for the Direct Doctorate course (those who do not hold a Master's degree) will compete with each other for the same openings made available in the selection process. Or rather, the direct doctorate course does not constitute a distinct modality from the Doctorate course in terms of final candidate classification or specific reservations of openings.

1. REGISTRATION:

1.1 The Pediatric Dentistry area is exclusively intended for Dentistry graduates.

1.2. To register, the interested party must fill out the online form available at this link <https://forms.gle/PnWxxbHPUoqaRYdh6>, **entering the following items on the platform:**

a) Email : **Exclusively Gmail.**

b) Link to the Curriculum Lattes obtained on the Lattes Platform of the National Council of Science and Technology (CNPq) through the electronic address <http://lattes.cnpq.br>.

c) Digital file of the **Diploma** (front and back) of the **Undergraduate course** in Dentistry, duly registered or certified as having been concluded with the graduation date, the awarded title, and the MEC course recognition register (diplomas obtained in short degree courses will not be accepted).

- At registration the candidate can present a declaration containing the expected date of course completion as long as the graduation is before the registration date, stated in item 3.1 in this announcement. In addition, if approved in the selection process and for the registration, the candidate must present the diploma or the course completion certificate, containing the graduation date, the title awarded and the MEC course recognition register.

d) Digital file of the **Academic Transcript** of the undergraduate Dentistry course (dispatched after graduation).

- On registration the candidate can present a partial academic script as long as the graduation date is before the registration date, stated in item 3.1 in this announcement. In addition, once approved in the selection process, the candidate must present the definitive academic transcript.

e) Digital file of **Identity card** (RG) (which cannot be substituted for by any other document).

f) Digital file of individual **taxpayer's registration** (CPF).

g) Digital file of birth **or marriage certificate**.

h) Digital file of voter **registration**.

i) Digital file of **military document**, where relevant.

J) Basic requirements for candidate admission: Availability for full time dedication, especially for those students who receive a grant.

J) 1) Present a declaration (Annex 1) where you state that you will have the time available to attend in person and develop the dissertation or thesis within the regulatory deadline of the course.

k) Exclusively for foreign candidates:

k.1) Digital file of **passport**, including the identification page.

k.2) If approved after the selection process, the candidate must present a digital file of the **RNE (National register of foreigners) or a protocol of an appointment with the Federal Police and a copy of the visa** (Type IV- temporary) by the registration deadline.

k.3) Foreign candidates compete on equal terms with Brazilian candidates.

l) For applications to the Doctorate course for holders of a Master's degree only:

l.1) Digital file of the diploma (front and back) **of the Master's course** recognised by the MEC/CAPES organs (National validity) or recognised by USP (in cases where the titles were awarded abroad).

- To apply, the candidate may submit a course completion certificate as long as the date is stated with the dissertation title, the concept obtained, the MEC ordinance registry number and if there is any work pending in the course are included. A certificate of course completion can be submitted with the set date for dissertation defence and title award, which must be before the enrolment date set out in item 3.1 in this announcement. In the event the candidate is approved in the selection process, they must submit the Master's diploma as set out in above, by the enrolment date.

l.2) Digital file of the complete **academic transcript** of the Master's course, issued after course completion.

- To apply, the candidate may submit an incomplete academic transcript as long as the dissertation defence and Master's title award are before the enrolment date set out in item 3.1 in this announcement. Should the candidate pass the selection process a definitive academic transcript must be submitted, as detailed above, before the enrolment date.

m) For registrations to the direct doctorate program, for non-holders of the Master's title:

m.1) **Research Project** with a maximum of 10 pages, Tahoma font with a spacing of 1.5 between lines.

1.3. Should it be deemed necessary, the program may request the submission of the original documents described above, as well as further necessary complementary documents.

1.4. The candidate may opt to use an assumed name. Under the terms of the n° 8.727/2016 decree, an assumed name is designated by which a transvestite or transsexual person identifies with and is socially recognised. The assumed name will appear in the tests, lists of those approved and other public material related to the releasing of the results of this selection process.

1.5. Payment

1.5.1. The payment slip for the registration fee of R\$ 210 can be found at this address <http://www.forp.usp.br/boleto/>. Enrolment is subject to payment confirmation by the Postgraduate service at FORP/USP.

1.5.2. Foreign candidates can contact the Postgraduate service at FORP/USP through the email spg@forp.usp.br for guidance regarding payment of the registration fee.

1.5.3. UNDER NO CIRCUMSTANCES WILL THERE BE ANY REFUNDING OF THE REGISTRATION FEE.

1.5.4. Applications for exemption from the registration fee will only be accepted in cases provided in the n° 12.782 state law of the 20th December 2007. Interested parties should express their request by 07/06/2024, by sending a handwritten declaration and proof of their socioeconomic status to the Postgraduate program of Dentistry email at FORP/USP: dclops@forp.usp.br. After the 07/06/2024, new requests that are forwarded will not be accepted.

1.5.5. Documentation will be analysed by the Postgraduate commission and/or the Postgraduate commission coordinator in Dentistry at FORP/USP. The granting or refusal of fee exemption will be sent to the applicant's email by the 12/06/2024. The Postgraduate commission at FORP/USP and/or the Postgraduate commission coordinator in Dentistry at FORP/USP, can request further complementary documents for analysis from the candidate.

1.5.6. Approval of the fee exemption request does not mean the interested party is automatically enrolled in the selection process. To participate in the selection process, all candidates, including those who are and who are not exempt from the registration fee must complete enrolment by the deadline stated in this announcement and by submitting the documentation stated in item 1.2. Those who do not do so will not participate in the selection process, regardless of the result of the analysis to waiver fee registration for the interested party.

1.6. Applications made by mail and after the deadline will not be accepted.

1.7. Applications made with incomplete documentation or that do not conform to the requirements stated in this announcement will be rejected.

1.8. 10% (ten per cent) of the vacancies established in this Notice are reserved, with a minimum of 01 vacancy, for each group mentioned below.

- a) Self-declared black, mixed race and indigenous people
- b) Severe physical disability
- c) In an economically vulnerable situation.

1.8.1. To compete for places under the term of item 'A', the candidate must express their interest at the time of registration, a handwritten declaration with respective proof, according to the model. Furthermore an additional declaration can be requested at any time in the selection process or if approved the academic link to the institution. This is submitted to a Heteroidentification committee.

Declaration example: I _____, ID number, _____, declare that I am black or of mixed race and I opt to participate in the selection process of the Postgraduate Program in Pediatric Dentistry using the quota system.

1.8.2. To compete for places under the terms of item 'b', the candidate must present, at time of registration, a medical report proving the request from the interested party.

1.8.3. To compete for places under the terms of item 'c', the candidate must express their interest with a handwritten declaration with respective proof.

1.8.4. The completion of registrations, submitted in this item, will be analysed by the FORP/USP Postgraduate committee and /or the Coordinator of the Postgraduate Program in Pediatric Dentistry committee, who may request complementary documents from the candidate for analysis.

1.8.5. After the enrolment period, all applications that have not submitted the supporting documents electronically will be rejected automatically. Candidates who do not send the supporting documents or who have their application rejected may still take the tests under the same conditions as the other candidates.

1.8.6. The candidate is responsible for the veracity of the information provided in the application.

1.9. Candidates who require the aid of another person, in the case of those who have physical disabilities or who are breastfeeding must be aware that the helper is subject to the same restrictions as the candidate during the test. Furthermore, special assistance must be requested for this purpose, at the time of registration, by proving the need for follow-up.

1.9.1. For those candidates who are breastfeeding, there will be an increase of up to 20% of the duration of the test time.

1.9.2. Supporting documents will not be accepted after the exam registration has closed.

2. SELECTION:

2.1. MASTER'S DEGREE

2.1.1. 1st STAGE - Written test (classification)

Date: 25/06/2024 - 9h (Brasilia time) - The test will be carried out remotely on the Google Meet platform and other platforms deemed necessary and set out to guidelines which will be sent by e-mail (Program and Bibliography for the tests listed in Annex 2)

The written test will last up to 3 (three) hours.

2.1.2. 2nd STAGE - Oral discussion of the curriculum (Classification)

Date: 25/01/2024 - 14h (Brasilia time) - The oral discussion of the curriculum will be held remotely through the Google Meet platform, set out in the guidelines which will be sent in an email.

During the questioning, the candidate must state the line of research they want to develop in their project. The research lines are listed in Annex 3 of this announcement.

2.2 DOCTORATE / DIRECT DOCTORATE

2.2.1 1st stage (Written test) Classifying stage

Date - 25/06/2024 - 09h (Brasilia time) - The test will be carried out remotely on the Google meet platform and any other platforms that have the necessary support to carry out the test, in accordance with the guidelines which will be sent by email.

(Program and bibliography for the tests listed in Annex 2)

The written test will last for up to 3 (three) hours.

2.2.2 2nd stage (Oral argument of the CV) Classification

Date - 25/06/2024 14h (Brasilia time) - The oral argument of the CV will be carried out remotely on the Google meet platform, according to the guidelines which will be sent by email.

During the questioning, the candidate must inform which line of research they want to develop in their project.

The research lines are listed in Annex 3 of this announcement.

2.3 The criteria used for CV analysis is described in Annex 4.

2.2.4 2.3.1. The candidate who obtains a grade with a minimum average of 5.0 (five) for candidates for the Master's course and 7.0 (seven) for candidate for the Doctorate/Direct Doctorate courses, at the end of the selection process, considering the weights below:

2.2.4.1 Master's and Doctorate

- Written test, weight 5.
- Oral argument of the CV, weight 1.
- Curriculum assessment, weight 4.

2.2.4.2 Direct Doctorate

- Written test, weight 5
- Oral argument of the CV, weight 1
- Curriculum assessment, weight 2
- Research Project, weight 2

2.3. In the case of a tie in the final grade in the selection process, the following tie-breaking criteria will be adopted:

- 1) Higher grade in the written test;
- 2) Higher grade in the curriculum ; and
- 3) Higher grade in the argument.

2.3. FINAL RESULT: 05th July 2024- to be made available on the FORP site (www.forp.usp.br >> Teaching >> Postgraduate >> Selection process). Also on the site of the Postgraduate Program of Pediatric Dentistry. (www.sites.usp.br/odontopediatria

3. Enrolment:

3.1. Enrolment period

3.1.1 Period for immediate places: 15th July to 30th August 2024.

3.1.2 Enrolment of eligible candidates for reservation will be carried out according to the needs of the program during a period that the candidate will be informed about. The announcement will have a validity of a maximum of 2 years from the final registration date stated in 3.1.1.

3.2. Enrolment will be automatically carried out by the Postgraduate service on the date stipulated in item 3.1, **where there is no documentation pending that is listed in this announcement.** Candidate

enrolment of the candidate will not be carried out in the event of incomplete documentation or where any irregularity is presented.

3.3. Candidates who are accepted to the program but who give up their place by the enrolment deadline must immediately notify the Postgraduate service at FORP, so that they are not enrolled improperly.

3.4 Candidates admitted for enrolment are those who classified subject to the number of places set out in this announcement with the other candidates who passed placed on a waiting list.

3.5. A former USP Master's or doctoral student who left without having completed the postgraduate course, after being accepted in the selection process will have their enrolment considered as a "new registration" and must follow the provisions of article 50 of the Post-graduate/USP regulations.

4. Candidate registration implies the acceptance of the rules and instructions for the selection process contained in this announcement, in the Program regulations, the regulations of the Postgraduate commission at FORP, the graduate study regulations at the University of São Paulo and in communications issued or that be made in public.

5. The candidate will have up to a maximum of two working days after the final results have been made public, established in this announcement, to submit an appeal regarding the selection process.

6. Omissions will be evaluated by the Postgraduate commission at FORP.

7. Passing the selection process for the Postgraduate Program in Pediatric Dentistry does not imply the automatic granting of scholarships.

8. Complementary information:

- Secretary of the Postgraduate program in Dentistry : (16) 3315-4057
- dciops@forp.usp.br
- Postgraduate service : (16) 3315-3971 or 3315-3955 - spg@forp.usp.br
- Faculty of Dentistry of Ribeirão Preto/USP - Post-Graduation service (Administration building) - Av. do Café, s/nº - Ribeirão Preto-SP - CEP: 14040-904.

ANNEX 1 - TEMPLATE FOR THE DECLARATION OF AVAILABILITY FOR THE COURSE.

I _____ declare, to the purposes of registration to the selection process of the Postgraduate Program of Pediatric Dentistry at FORP/USP, that I have the time to dedicate myself in person and develop the dissertation/thesis and other activities related to the course, within the regulatory period of the program.

ANEXO 2 - PROGRAM AND BIBLIOGRAPHY

1.1 Program for written test.

- Adequacy of the Oral Environment;
- Anamnesis and Clinical Examination in Pediatric Dentistry;
- Anesthesiology in Pediatric Dentistry;
- Dentistry in Pediatric Dentistry;
- Imaging in Pediatric Dentistry;
- Management of Children's Behavior in Dental Consultations;
- Surgical Procedures in Pediatric Dentistry;

- Pulp Protection;
- Pulpotomy;
- Rhizolysis and Exfoliation of Primary Teeth;
- Pit and Fissure Sealants;
- Endodontic treatment of primary teeth;
- Endodontic Treatment of Permanent Teeth with Incomplete Rhizogenesis;
- Radical Endodontic Treatment of Permanent Teeth with Pulp Vitality;
- Radical Endodontic Treatment of Permanent Teeth without Pulp Vitality without Periapical Lesion;
- Radical Endodontic Treatment of Permanent Teeth without Pulp Vitality with Periapical Lesion;
- Dental Anomalies;
- Dental care for special patients;
- Baby Bottle Caries;
- Dentistry for Babies;
- Dentistry for Pregnant Women;
- Dental Reimplantation;
- Trauma to the primary dentition;
- Trauma to Permanent Dentition;
- Preventive and interceptive orthodontics.

1.2. References:

1. DA SILVA LAB. Tratamento Endodôntico em Crianças - Protocolos clínicos em dentes decíduos e permanentes jovens. Editora Manole. 1a Ed. 2022.
2. PAULA-SILVA FWG. Pré-Natal Odontológico. Editora Santos. 1a Ed. 2023.
3. MATSUMOTO MAN. Ortodontia: Abordagens clínicas na dentição mista. Editora Manole. 1a Ed. 2021.
4. DA SILVA LAB. Protocolos clínicos - Tratamento endodôntico em dentes decíduos. 1a ed. Ribeirão Preto, SP, 2015.
5. SILVA, L.A.B. Tratado de Odontopediatria. 2a ed. Caracas, Venezuela Amolca, 2018.
6. MUSSOLINO DE QUEIROZ, A. Protocolos Clínicos: Traumatismos na Dentição Permanente de Crianças e Adolescentes. 1a ed. Cia do eBook. 2019.
7. CONSOLARO A. Biologia e patologia da polpa e periápice. Dental Press Editora. 2017.
8. SANTOS-PINTO L, FRAGELLI C, IMPARATO JCP. Hipomineralização De Molares E Incisivos. Napoleão Editora. 2020.
9. DUARTE D, FERES M, FONTANA UF. Odontopediatria: O Estado Atual da Arte - Educação, Diagnóstico e Intervenção Estético Funcional. Napoleão Editora. 2018.
10. ECHEVERRIA S, POLITANO GT. Tratamento Odontológico Para Gestantes. Editora Santos, 3ª Edição. 2014.
11. CORRÊA, MSNP. Saúde Bucal: Gestante e do Bebê ao Adolescente. Editora Santos. 3a Edição. 2019.
12. Abanto J, Duarte D, Feres M. Primeiros Mil Dias do Bebê e Saúde Bucal. Editora Napoleão e Quintessence. 1a Edição. 2019.
13. AMERICAN ACADEMY OF PEDIATRIC DENTISTRY. Caries-risk assessment and management for infants, children, and adolescents. The Reference Manual of Pediatric Dentistry. American Academy of Pediatric Dentistry. 2020.
14. BOURGUIGNON C, COHENCA N, LAURIDSEN E, et al. International Association of Dental Traumatology guidelines for the management of traumatic dental injuries: 1. Fractures and luxations. Dent Traumatol. 2020; 36: 314- 330. <https://doi.org/10.1111/edt.12578> .

15. FOUAD AF, ABBOTT PV, TSILINGARIDIS G, et al. International Association of Dental Traumatology guidelines for the management of traumatic dental injuries: 2. Avulsion of permanent teeth. Dent Traumatol. 2020; 36: 331- 342. <https://doi.org/10.1111/edt.12573> .
16. DAY P, FLORES MT, O'CONNELL A, et al. International Association of Dental Traumatology guidelines for the management of traumatic dental injuries: 3. Injuries in the primary dentition. Dent Traumatol. 2020; 36: 343- 359. <https://doi.org/10.1111/edt.12576> .
17. Diretrizes Para Procedimentos Clínicos em Odontopediatria. ABOPED. Editora: Santos Publicações, 3° edição, 2020.
18. Consolaro A. Ossos maxilares na saúde e nas doenças. Dental Press Editora. 2023.

ANNEX 3 - RESEARCH LINES DEVELOPED ON THE PROGRAM

BIOCOMPATIBILITY, PHYSICAL-CHEMICAL PROPERTIES AND ACTIVITY ANTIMICROBIAL TECHNIQUES/MATERIALS USED IN DENTISTRY

This line of research aims to evaluate physical-chemical, anti-microbial and biological properties of different materials dentistry materials and treatment techniques. The main physical-chemical properties analyzed by in vitro tests, are the release of chemical compounds and ions over time, as well as pH value, radiopacity, solubility, dimensional change, time of prey, among other properties. Antimicrobial activity is evaluated through techniques such as microbial culture, cell culture (MTT, for example) and molecular biology (Checkerboard DNA-DNA hybridization; MALDI-TOFF; among others). The biological properties, such as inducing an inflammatory or repair process, for example, are evaluated in cell culture, subcutaneous connective tissue of animals, teeth of small and large animals, as well as of human teeth. In animals, microscopic analyzes are performed using histological sections analyzed by conventional microscopy and fluorescent, in addition to immunohistochemistry and biological techniques molecular for the detection of different cell types, receptors and chemical mediators of the immune/inflammatory response. This line of research counts on national and international collaborations. It also counts on financial support from different development agencies and collaboration from the private sector.

CLINICAL STUDIES IN DENTISTRY

Evaluation of the clinical performance of different materials and dental practice techniques as well as available innovations, through in vivo studies, in situ studies, case studies, randomized clinical studies, epidemiological studies, systematic review study and meta-analysis.

ETIOLOGY AND TREATMENT OF PULP AND PERIAPICAL PATHOLOGIES

In this line of research, studies are carried out using animals from small size, such as wild-type and transgenic rats and mice, as well as large animals such as dogs and minipigs, in order to elucidate the cellular and molecular mechanisms involved in the genesis and progression of chronic periapical lesions and the effectiveness of methods traditional and innovative treatments. These studies involve analyses: histopathological, conventional microscopy and

fluorescence and confocal; histoenzymology; immunohistochemistry for receptors, anti- and pro-inflammatory cytokines, other mediators chemicals and different cell types (macrophages, lymphocytes, neutrophils, dendritic cells, etc.); gene and protein expression (through RT-PCR and flow cytometry, for example); in addition to microbiological analyses, among others. Studies in humans with obtaining samples from periapical lesions, of deciduous and permanent teeth and clinical and radiographic analysis have also accomplished this. This line of research has the participation of national and international researchers. This line of research also counts on financial support from different agencies promotion and collaboration of the private sector.

RESEARCH INVOLVING THE PEDIATRIC DENTISTRY/ORTHODONTIC INTERFACE

This line of research covers projects developed with interaction between the areas of Pediatric Dentistry and Orthodontics. In this line, skeletal, dental and occlusal changes in children and adolescents pre- and post-treatment are evaluated, as well as different materials and techniques used in interceptive and corrective Orthodontics, through clinical studies and using experimental animal models and evaluations. in vitro.

PREVENTION IN DENTISTRY

In this line of research, projects are developed with the purpose of:

- evaluate the effectiveness of different preventive protocols;
- evaluate the microbial contamination of toothbrushes, pacifiers, orthodontic accessories, sports mouthguards and the effectiveness of disinfection methods;
- evaluate the structure and composition of deciduous and permanent teeth, detecting variations, including genetic ones, that may interfere with susceptibility to dental caries;
- evaluate the effects of radiotherapy on the mechanical, chemical and morphological properties of the enamel and dentin of deciduous and permanent teeth, in the presence or absence of acid challenges (artificial induction of caries lesions and artificial induction of erosion lesions);
- evaluate the adhesive process between restorative materials and enamel/dentin whether or not subjected to radiotherapy.
- evaluate the behavior of brackets bonded to teeth subjected to radiotherapy.
- evaluate the activity and expression of matrix metalloproteinases 2, 9 and 20, in the enamel and dentin of irradiated deciduous and permanent teeth, with or without the use of protease inhibitors.

This line of research has the participation of professors from PPG Pediatric Dentistry, as well as researchers from Brazil (Faculty of Medicine of Ribeirão Preto/USP; University of Guarulhos) and abroad (Sweden, Spain, Argentina and Mexico).

ANEXO 4 - SCORE TO BE AWARDED TO EACH ITEM OF THE LATTES CURRICULUM: CURRICULUM ASSESSMENT EVALUATION CRITERIA SCORE

Graduation

Post-Graduate studies: *	
Academic Master's in the area of concentration *	100
Academic Master's in related area *	50
Master's scholarship in the area of concentration*	20
Master's scholarship in related area *	10
Professional Master's in the area of concentration	80
Professional Master's in related area	40

Specialisation in the area of concentration (completed or in progress)
100

Specialisation in related area (completed or in progress) 20

Courses

Improvement in the area of concentration 10 (> 70 hours)

Improvement in related area 5 (> 70 hours)

Theoretical courses attended in the area after graduation:

Up to 12 hours 2

12 hours or more 5

Stages

Monitoring in the area 20

Clinical internship in undergraduate teaching (PAE) in the area 10

Teaching activities

Professor in the area at a state college 100

Professor in the area at a private faculty 80

Classes taught in undergraduate courses (for non-teachers) 1
point / hour

Research

Scientific initiation in the area of concentration 50

Scientific initiation in related area 20

I.C. scholarship in the area of concentration 10

I.C. scholarship in related area 5

Internship in research laboratory 10

Participation in research project (Elaboration / Experimental part)
30

Scientific production (Score per work)

Complete articles in the area of concentration

National circulation magazine 30

International circulation magazine 100

Abstracts in annals

National 5

International 15

Presentation of work at scientific events

Oral presentation:

National event 5

International event in Brazil 8

International event abroad 15

Poster presentation in:

National event 3

International event in Brazil 5

International event abroad 8

Conferences / Lectures given in the area 10

Chapters of books 30

Prizes 20

* Criteria applied for the selection of doctoral students.