



UNIDADE DE INVESTIGAÇÃO EM PATOLOGIA E REABILITAÇÃO ORAL  
ORAL PATHOLOGY AND REHABILITATION RESEARCH UNIT

# UNIPRO ACTIVITIES REPORT

2024

# UNIPRO Activities report 2024

Produced by:

UNIPRO – Oral Pathology and Rehabilitation Research Unit, University Institute of Health Sciences (IUCS-CESPU), 4585-116 Gandra, Portugal.

A public version of the activity report will be available on:

<https://unipro.iucs.cespu.pt/>

Report prepared based on the information gathered from PubMed and SCOPUS (affiliation UNIPRO) and provided by researchers.

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## UNIPRO OVERVIEW

UNIPRO is a research unit of IUCS directed to the research in the fields of Oral Pathology and Oral Rehabilitation making a translational link between the scientific research to advanced education and training, to scientific community and Society.

UNIPRO Thematic Areas (<https://unipro.iucs.cespu.pt/?q=content/research>)

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### ORAL PATHOLOGY

Oral Pathology is constituted by a multidisciplinary researcher's having as main objectives:

- i) understanding the aetiology, pathogenesis, and progression of oral diseases, focusing oral cancer (OC), periodontal diseases, and other oral diseases/ disorders;
- ii) creation and development of new diagnostic and therapeutic approaches for the prevention, early diagnosis, and treatment of oral diseases, with an emphasis on personalized medicine, precision dentistry and innovative dentistry.

### ORAL REABILITATION

This is the major dedication area of researchers of the LIROP Lab and researchers form oral facial disorders with the main objectives:

- i) Investigate the fatigue resistance behaviour of dental reconstruction devices, particularly prosthetic components used in implantology, focusing on their physical and mechanical nature.
- ii) Assess the wear of materials supporting implant-supported rehabilitations and evaluate material behaviours under conditions of high cyclic loads, especially compressive loads.
- iii) Study biomaterials and their fracture resistance, specifically polymethylmethacrylate, composite resins, and polyetheretherketone, when subjected to masticatory forces and adverse environments such as varying pH levels and temperatures.

## UNIPRO 2024 SUMMARY

### UNIPRO MEMBERS

|                        | Number   |
|------------------------|--|
| PhD                    | 19 integrated PhD members + 38 PhD collaborators (23 FCT call) |
| MSc                    | 1  |
| PhD Students           | 14   |
| MSc students           | 103  |
| Undergraduate students | 8  |
| Research Assistants    | 2  |

### SCIENTIFIC PUBLICATIONS AND PROJECTS

|  | Number |
|--|--------|
| <b>Scientific Publications</b>         |        |
| <i>Books and Book Chapters</i>         | 1      |
| <i>Articles in Scientific Journals</i> | 61     |
| <b>Research Projects</b>               |        |
| <i>With internal funding</i>           | 9      |
| <i>With external funding</i>           | 6      |
| <i>Other</i>                           | 6      |

**UNIPRO MEMBERS**

## UNIPRO MEMBERS

The UNIPRO research team is composed of the following members:

### PhD (integrated & collaborators)

| Name                                 | Ciencia ID     | ORCID                | Type of Integration | Contractual Regime |
|--------------------------------------|----------------|----------------------|---------------------|--------------------|
| Albina Dolores Resende               | 001C-D21B-F58A | 0000-0003-4644-1867  | Collaborator        | Integral           |
| Ana Henriques                        | 6C13-DE40-98D1 | 0000-0002-4951-792X  | Collaborator        |                    |
| Ana Sofia Vinhas                     | 7A14-3F7D-6DF2 | 0000-0003-1444-000X  | Collaborator        |                    |
| Andrea Cunha                         | 3D12-C768-8182 | 0000-0002-3012-1079  | Integrated          | Integral           |
| António Sérgio Silva                 | BE1E-02EE-73E3 | 0000-0002-1718-0744  | Collaborator        |                    |
| Begoña Criado                        | CC1D-5712-B68E | 0000-0003-1750-5614  | Collaborator        |                    |
| Bruno Sarmento                       | E816-B6B0-06A5 | 0000-0001-5763-7553  | Collaborator        |                    |
| Carla Batista-Pinto                  | 611B-C8E7-3DBA | 0000-0002-2107-1452  | Collaborator        | Integral           |
| Carlos Aroso                         | CB13-0C40-83E5 | 0000-0003-2129-6333  | Collaborator        |                    |
| Carlos Lopes                         | 6C11-AC98-F9BF | 0000-0001-7805-412X  | Collaborator        |                    |
| Cátia Arabela Albuquerque Costa Reis | 9411-B298-963F | 0000-0001-7342-067X  | Collaborator        |                    |
| Cristina Coelho                      | 6213-2FAD-F6E7 | 0000-0001-9546-151X  | Integrated          | Integral           |
| Fernando Ferreira                    | EC14-1101-FA7B | 0 000-0002-2071-0750 | Integrated          | Integral           |
| Filomena Salazar                     | 3712-0F4A-A288 | 0000-0002-6693-4426  | Integrated          | Integral           |
| Hassan Bousbaa                       | 7C15-6B99-A303 | 0000-0002-4006-5779  | Integrated          | Integral           |
| Honorina Cidade                      | 4B19-2787-06B1 | 0000-0003-0715-1779  | Collaborator        |                    |
| Hossan Dawa                          |                |                      | Collaborator        |                    |
| Inmaculada Tomas                     |                |                      | Collaborator        |                    |
| Isabel Carolina Barros Coelho        | 851F-2790-FAE9 | 0000-0002-6920-3047  | Collaborator        |                    |
| Isabel Pires                         |                |                      | Collaborator        |                    |



|  |                |                     |              |          |
|--|----------------|---------------------|--------------|----------|
| José Barbas do Amaral                      | 6219-B0B5-2D5A | 0000-0001-9820-5319 | Collaborator |          |
| José Júlio Pacheco                         | 7717-5502-7A0A | 0000-0002-0423-0976 | Integrated   |          |
| José Manuel Mendes                         | 0818-B48E-3DC2 | 0000-0001-6920-5838 | Integrated   | Integral |
| Justina Oliveira                           | 8A18-4AB8-CB9D | 0000-0002-3902-5374 | Collaborator |          |
| La Salete Alves                            | 4B15-6020-CD0C | 0000-0001-5527-3610 | Collaborator |          |
| Leonor Delgado                             | 8417-C4B7-2B42 | 0000-0002-4405-0240 | Integrated   |          |
| Lígia Rocha                                | 7913-878B-6E82 | 0000-0002-5521-8168 | Integrated   |          |
| Lorena Mariano                             | 2519-CF26-4F82 | 0000-0002-5908-1437 | Collaborator |          |
| Luís Manuel Coelho Monteiro                | 3D1B-5036-8C64 | 0000-0002-3552-5048 | Collaborator |          |
| Luis Monteiro                              | 5F16-3D76-6B4F | 0000-0002-8938-1297 | Integrated   |          |
| Luís Martins da Silva                      | 601D-A830-C755 | 0000-0002-2331-2969 | Collaborator |          |
| Mafalda Alves                              |                |                     | Collaborator |          |
| Marco Infante da Câmara                    | 491B-C5A7-A04E | 0000-0002-9551-5407 | Collaborator |          |
| Maria Catarina Costa Calamote Andrade      | 561E-7D96-B300 | 0000-0003-3447-0978 | Collaborator |          |
| Maria Cristina de Paiva-Manso Trigo Cabral | CC14-82C7-D12D | 0000-0003-3108-9717 | Collaborator |          |
| Maria Cristina Manzanares Céspedes         | C717-04FB-3FA4 | 0000-0002-4585-4953 | Integrated   |          |
| Maria do Pranto Braz                       | 5A18-98EB-7F59 | 0000-0002-4702-4865 | Collaborator | Integral |
| Maria Elizabeth Tiritan                    | D915-BFC0-FB3A | 0000-0003-3320-730X | Collaborator |          |
| Maria João Calheiros-Lobo                  | 6E19-30AC-E0DA | 0000-0002-9578-3372 | Integrated   |          |
| Maria Paço                                 | 1E10-22FD-95EA | 0000-0002-9369-3592 | Integrated   |          |
| Marta Relvas                               | E718-D79A-C0EF | 0000-0003-0713-2041 | Integrated   | Integral |
| Mariano Herrero-Climent                    | CF1E-293B-7BCB | 0000-0003-3284-1528 | Collaborator |          |
| Mónica Alexandra Guedes Cardoso            | 8813-6E68-EAC4 | 0000-0003-1916-6169 | Collaborator |          |
| Odília Queirós                             | FF15-58EC-635A | 0000-0001-5912-3409 | Integrated   | Integral |
| Orlanda Torres                             | 2D1D-2F17-275C | 0000-0002-9668-1749 | Integrated   |          |
| Patrícia Silva                             | 4B19-7E26-A047 | 0000-0002-0694-7321 | Integrated   | Integral |
| Paolo de Marco                             | 9C1C-CDFD-375E | 0000-0002-9322-6986 | Collaborator | Integral |
| Paula Jarana                               | 3715-988A-1B69 | 0000-0001-7498-8195 | Integrated   |          |
| Paulo Alexandre Martins de Abreu Rompante  | A612-90EC-C8FC | 0000-0003-4932-7437 | Integrated   |          |
| Paulo Manuel Cruz Miller                   | 321A-6C5A-F320 | 0000-0001-5500-7603 | Collaborator |          |

|                        |                |                     |              |  |
|------------------------|----------------|---------------------|--------------|--|
| Pedro Barreiros        | CA12-A5DC-5C0F | 0000-0003-0951-3227 | Collaborator |  |
| Primavera Sousa-Santos | E31B-DE1D-AC44 | 0000-0002-0257-592X | Collaborator |  |
| Rui Pinto              |                |                     | Collaborator |  |
| Rute Nunes             | 6713-C9CB-54D6 | 0000-0001-8633-4404 | Collaborator |  |
| Saman Warnakulasuriya  | B618-62DE-DC6C | 0000-0003-2103-0746 | Collaborator |  |
| Sara Ricardo           | 9410-648A-A564 | 0000-0003-4091-2226 | Collaborator |  |
| Teresa Pinho           | B617-08FE-B465 | 0000-0003-0012-6626 | Integrated   |  |
| Vera Almeida           | 8F11-5AC4-B067 | 0000-0003-2803-8038 | Collaborator |  |

## MSc

| Name            | Ciencia ID     | ORCID                | Type of Integration | Contractual Regime |
|-----------------|----------------|----------------------|---------------------|--------------------|
| Fernanda Garcês | D318-C353-748F | 00 00-0001-8937-8277 | Collaborator        | Integral           |

## PhD students

| Name                                | Ciencia ID     | ORCID               | Type of Integration | Contractual Regime |
|-------------------------------------|----------------|---------------------|---------------------|--------------------|
| Aline Gonçalves                     | A31F-B13E-6ECD | 0000-0002-4513-5385 | Collaborator        |                    |
| Álvaro Parra Meder                  | 5B1E-889A-A091 | 0009-0006-0277-8416 | Collaborator        |                    |
| António Augusto Melo Ferraz         | 9A19-3A99-2408 | 0000-0003-0289-8064 | Collaborator        |                    |
| Bárbara Pinto                       | 581A-FAB5-4353 | 0000-0002-8804-6104 | Collaborator        |                    |
| Flávia Barbosa                      | 8316-21F5-299E | 0000-0002-2920-0941 | Collaborator        |                    |
| João Silva                          | 9F12-598E-DFB5 | 0000-0003-4455-4286 | Collaborator        |                    |
| José Adriano                        | 8A1A-DD1F-391C | 0000-0002-8127-5916 | Collaborator        |                    |
| Lara Coelho                         | B715-9435-B119 | 0000-0003-2532-6288 | Collaborator        |                    |
| Mafalda Maria Calheiros Lobo Duarte | 6E19-30AC-E0DA | 0000-0002-9578-3372 | Collaborator        |                    |
| Marie Odile Maziere                 | 5213-7BD3-E3C6 | 0000-0002-6604-5872 | Collaborator        |                    |
| Paula Melo                          | 721E-283E-26E3 | 0000-0003-0549-8031 | Collaborator        |                    |

|                                      |                |                     |              |  |
|--------------------------------------|----------------|---------------------|--------------|--|
| Rosana Costa                         | 9C18-A576-D25F | 0000-0003-2462-4734 | Collaborator |  |
| Selma Pascoal                        | 881B-B045-0B3E | 0000-0002-9665-7183 | Collaborator |  |
| Joana Cláudia Morais da Silva Mendes | 1B13-7C46-66A8 | 0000-0002-0035-1770 | Collaborator |  |

## MSc students (supervised by UNIPRO members)

| Name  | Ciencia ID | ORCID | Type of Integration | Contractual Regime |
|---|------------|-------|---------------------|--------------------|
| Mathilde Rouffineau                         |            |       |                     |                    |
| Sofia Lima Ferreira                         |            |       |                     |                    |
| Cíntia Vanessa Garcia Queirós               |            |       |                     |                    |
| Inês Alves de Castro                        |            |       |                     |                    |
| Indaiara Abi Rachid Moraes Caleffi Silveira |            |       |                     |                    |
| Maria Belen Rodriguez Alvarez               |            |       |                     |                    |
| Pedro Monterroso Pereira da Silva           |            |       |                     |                    |
| Joana Patrícia Fonseca Linhares             |            |       |                     |                    |
| Jean-Erick De Almeida Rodriguez             |            |       |                     |                    |
| María del Carmen Marín Ríos                 |            |       |                     |                    |
| Océane Jocelyne Odile Revet                 |            |       |                     |                    |
| Frédérique Myriam Rigobert                  |            |       |                     |                    |
| Laurine Marie Ilda Ribeiro-Ferreira         |            |       |                     |                    |
| Victoire Frédérique Blandine Bodart         |            |       |                     |                    |
| Maria Beatriz Pontes Duarte                 |            |       |                     |                    |
| Sara Maria Queirós Domingues                |            |       |                     |                    |
| Paolo Pezzotta                              |            |       |                     |                    |
| Fernando Molina Gómez                       |            |       |                     |                    |
| Mario Esposito                              |            |       |                     |                    |
| Perrine Gaëlle Raphaëlle Billet             |            |       |                     |                    |

|                                       |  |  |  |  |
|---------------------------------------|--|--|--|--|
| Antonio Trotta                        |  |  |  |  |
| Simon Touboul                         |  |  |  |  |
| Inês Filipa Santos Mendes             |  |  |  |  |
| Laura Manuela Martins da Silva        |  |  |  |  |
| Afonso Maria dos Santos Henriques     |  |  |  |  |
| Lamiaa El Ftouhi                      |  |  |  |  |
| Linda Beatriz Pereira Moura           |  |  |  |  |
| Pauline Hirigaray                     |  |  |  |  |
| Diana Catarina Gonçalves Pelho        |  |  |  |  |
| Arianna Maggiolini                    |  |  |  |  |
| Estela Martinez Tralhão               |  |  |  |  |
| Alessio Chinello                      |  |  |  |  |
| Yan Tsiukhai                          |  |  |  |  |
| Fábio André Nunes Fernandes           |  |  |  |  |
| Louis Lionel Joachim Lucien Charlotin |  |  |  |  |
| Maria Alejandra Montilla Noda         |  |  |  |  |
| Katyany Acassia Abiega Alves          |  |  |  |  |
| Elia Marques Rocha                    |  |  |  |  |
| Clara Elodie Naudin                   |  |  |  |  |
| Sthefany Andreina de Canio da Mata    |  |  |  |  |
| Arianna Maggiolini                    |  |  |  |  |
| Laura Gonzalez Goce                   |  |  |  |  |
| Paul Esau Flores Saldivar             |  |  |  |  |
| Loanne Elodie Martine Fillion         |  |  |  |  |
| Pedro Osório Pereira                  |  |  |  |  |
| Samantha Laura Martinez               |  |  |  |  |
| Cristina Autelli                      |  |  |  |  |
| Renata Fontoura de Brito Costa        |  |  |  |  |
| Yoann Enzo Genique                    |  |  |  |  |

|   |  |  |  |  |
|---|--|--|--|--|
| Ahmed Ibrahim Besrour                       |  |  |  |  |
| Alba Vidal Toledo                           |  |  |  |  |
| Ana Margarida Lopes                         |  |  |  |  |
| Piergiorgio Altomare                        |  |  |  |  |
| Sofia Sanchez Saavedra                      |  |  |  |  |
| Yaiza Mira Pereira                          |  |  |  |  |
| Raquel Torres Queirós                       |  |  |  |  |
| Marta Alexandra Salgueirinho Carneiro Costa |  |  |  |  |
| Françoise Kleinsorgen                       |  |  |  |  |
| Andreia Catarina da Silva Moreira           |  |  |  |  |
| Andreia Catarina da Silva Moreira           |  |  |  |  |
| Julien Adida Ceccon                         |  |  |  |  |
| Luís Filipe Santos Francisco                |  |  |  |  |
| Fernando Daniel Batista Pereira Guimarães   |  |  |  |  |
| Marine Yvonne Ysabel Creusot                |  |  |  |  |
| Juliane Oliveira Gomes Spadaro              |  |  |  |  |
| Léa Marine Latouche                         |  |  |  |  |
| Amine Benaouda                              |  |  |  |  |
| Lorena del Corral Tejedor                   |  |  |  |  |
| Samanta Mendes Mendes                       |  |  |  |  |
| Louis Franck Marin Potiez                   |  |  |  |  |
| Gregoire Alexandre Remi Augustin            |  |  |  |  |
| Ana Francisca Cunha Ribeiro                 |  |  |  |  |
| Pedro Otero Prieto                          |  |  |  |  |
| Tommaso Maria Fiorini                       |  |  |  |  |
| Nuno Martins Morais Caiado                  |  |  |  |  |
| Tiago João Paiva Azevedo                    |  |  |  |  |
| Rebeca Chelsea Chinjole Fernandes           |  |  |  |  |
| Carolina Albuquerque Reis Pinto Cardoso     |  |  |  |  |

|   |  |  |  |  |
|---|--|--|--|--|
| Céline Afonso   |  |  |  |  |
| Anna Tkachenko  |  |  |  |  |
| Leah Cohen  |  |  |  |  |
| Henrique Carvalho Assunção                            |  |  |  |  |
| Beatriz Isabel da Silva Lopes                         |  |  |  |  |
| Cláudia Santos  |  |  |  |  |
| Antonio Gammone                                       |  |  |  |  |
| Joana Silva   |  |  |  |  |
| Lamiae Es Samti                                       |  |  |  |  |
| Cláudia Sofia Quitéria Patrício                       |  |  |  |  |
| Ana Francisca Barros Silva Mendes                     |  |  |  |  |
| Inês Filipa Santos Mendes                             |  |  |  |  |
| Laura Manuela Martins da Silva                        |  |  |  |  |
| Eduane Zidani Carlos Pio Baptista                     |  |  |  |  |
| Pauline Marie Mathilde Ursat                          |  |  |  |  |
| Rafael Fernandes da Costa                             |  |  |  |  |
| Luis Brito  |  |  |  |  |
| Carolina Moderno                                      |  |  |  |  |
| Diana Ferreira  |  |  |  |  |
| Oséa Marie Poe Rava PROST-TOURNIER                    |  |  |  |  |
| Ana Margarida Silva Ferreira                          |  |  |  |  |
| Constance Valerie Henriette Michelle Isabelle Corinne |  |  |  |  |
| Erika Polisciano                                      |  |  |  |  |
| Carla Martínez Alvarez                                |  |  |  |  |
| Kaliza Prée   |  |  |  |  |
| Margarida Coelho                                      |  |  |  |  |
| Mélanie Liliane Claire Viroleau                       |  |  |  |  |
| Ousrat CHANFI   |  |  |  |  |

## Undergraduate students

| Name                                      | Ciencia ID | ORCID | Type of Integration | Contractual Regime |
|---|------------|-------|---------------------|--------------------|
| Tomás Moura Rodrigues                     |            |       |                     |                    |
| Ana Rita da Rocha Nunes                   |            |       |                     |                    |
| Sara Beatriz Pinheiro Marques             |            |       |                     |                    |
| Carolina Jesus de Oliveira Matos da Silva |            |       |                     |                    |
| Beatriz Gomes Carneiro                    |            |       |                     |                    |
| Beatriz da Silva Ribeiro                  |            |       |                     |                    |
| Leonor Camões Teixeira                    |            |       |                     |                    |
| Beatriz Maria Monteiro Teixeira Diogo     |            |       |                     |                    |
| Joana Beatriz Martins da Rocha            |            |       |                     |                    |
| Francisca Nazaré de Mesquita Sampaio      |            |       |                     |                    |
| Carina Gomes                              |            |       |                     |                    |
| Eduarda Pereira Alves                     |            |       |                     |                    |
| Lara Alexandra Neves Cruz                 |            |       |                     |                    |
| Maria Rita Coimbra Vieira dos Santos      |            |       |                     |                    |

## Research Assistants

| Name                    | Ciencia ID     | ORCID               | Type of Integration | Contractual Regime |
|-------------------------|----------------|---------------------|---------------------|--------------------|
| Patrícia Silva, PhD     | 4B19-7E26-A047 | 0000-0002-0694-7321 | Research Assistant  | Integral           |
| Virgínia Gonçalves, MSc | DB12-D51F-C2D7 | 0000-0002-9151-516X | Research Assistant  | Collaborator       |

# BOOKS AND BOOK CHAPTERS



## BOOKS AND BOOK CHAPTERS

| Publication reference  | Url (or DOI)  | ISBN          |
|--|---|---------------|
| 1. Silva, A.; Bessa, MJ. and Rodrigues, F. Cell-based in vitro models for dermal permeability studies. In Woodhead Publishing Series in Biomedicine. Concepts and Models for Drug Permeability Studies (Second Edition), Woodhead Publishing, 2024, Pages 219-232. | <a href="https://doi.org/10.1016/B978-0-443-15510-9.00007-4">https://doi.org/10.1016/B978-0-443-15510-9.00007-4</a> . | 9780443155109 |

# ARTICLES IN SCIENTIFIC JOURNALS

## ARTICLES IN SCIENTIFIC JOURNALS

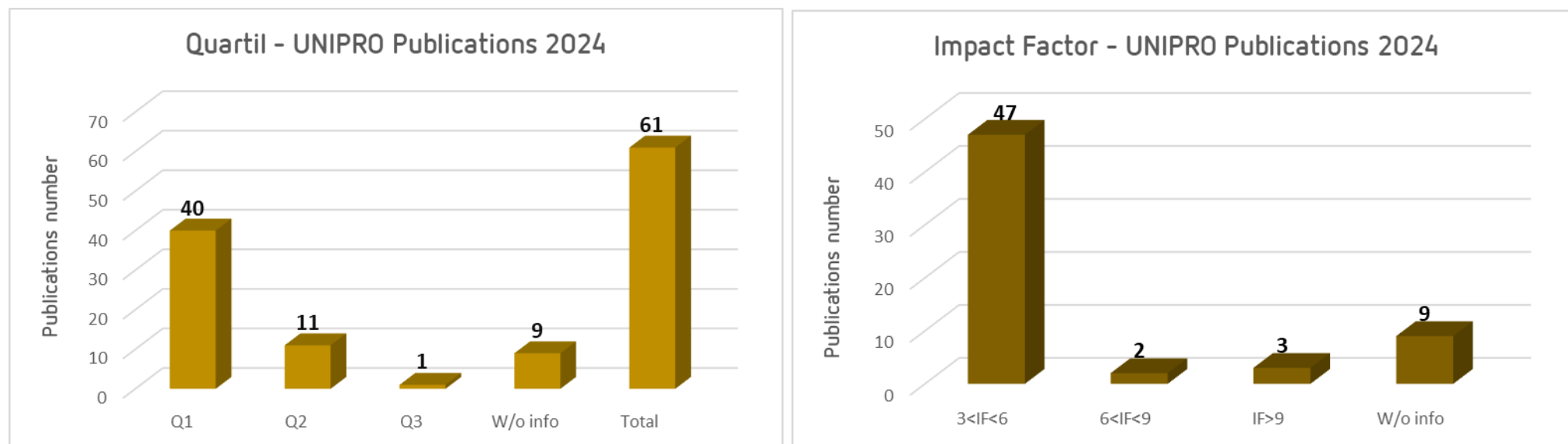
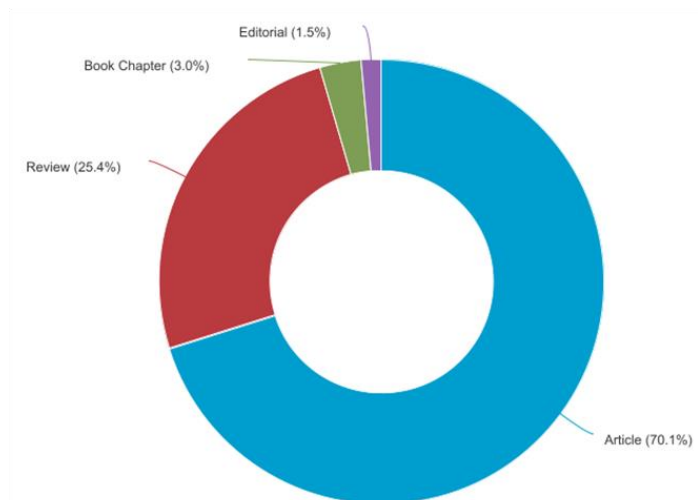


Figure 1. Summary of UNIPRO article publications in scientific journals, distributed by quartile and impact factor.

*Documents by type*



*Documents by area*

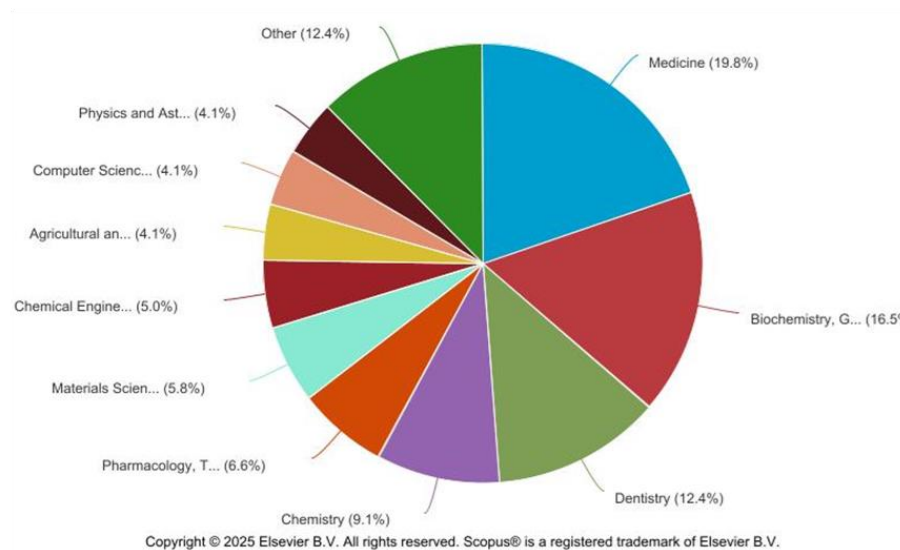


Figure 2. Summary of UNIPRO article publications in scientific journals, distributed by document type and are (Scopus data).

| Publication reference  | Url (or DOI)  | Impact Factor | Quartile |
|--|---|---------------|----------|
| 1. Almeida-Nunes, D. L.; Silva, J. P. N.; Nunes, M., Silva, P. M. A.; Silvestre, R.; Dinis-Oliveira, R.; Bousbaa, H.; Ricardo, S. "Metformin Impairs Linsitinib Anti-Tumor Effect on Ovarian Cancer Cell Lines". <i>International Journal of Molecular Sciences</i> 25 22 (2024): 11935.   | <a href="http://dx.doi.org/10.3390/ijms252211935">http://dx.doi.org/10.3390/ijms252211935</a>               | 4.9           | 1        |
| 2. Almeida-Nunes, D. L., Nunes, M., Osório, H., Ferreira, V., Lobo, C., Monteiro, P., ... Ricardo, S. (2024). Ovarian cancer ascites proteomic profile reflects metabolic changes during disease progression. <i>Biochemistry and Biophysics Reports</i> , 39.   | <a href="https://doi.org/10.1016/J.BBREP.2024.101755">https://doi.org/10.1016/J.BBREP.2024.101755</a>       | 2.3           | 3        |
| 3. Alves, P. M., Azevedo, M. T., Ferreira, F., Tastekin, E., Canberk, S., & Schmitt, F. C. (2024). Evaluating Diagnostic Clarity: The Comparative Efficacy of BlueStain in Serous Effusion Cytology under the International System for Reporting Serous Fluid Cytopathology Reporting Framework. <i>Diagnostics (Basel, Switzerland)</i> , 14(11). | <a href="https://doi.org/10.3390/DIAGNOSTICS14111074">https://doi.org/10.3390/DIAGNOSTICS14111074</a>       | 3             | 1        |
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| 56. Sperotto, F., France, K., Gobbo, M., Bindakhil, M., Pimolbutr, K., Holmes, H., ... Edefonti, V. (2024). Antibiotic Prophylaxis and Infective Endocarditis Incidence Following Invasive Dental Procedures: A Systematic Review and Meta-Analysis. <i>JAMA Cardiology</i> .  | <a href="https://doi.org/10.1001/JAMACARDIO.2024.0873">https://doi.org/10.1001/JAMACARDIO.2024.0873</a>   | 14.7 | 1 |
| 57. Teixeira, A., Teixeira, M., Gaio, R., Torres, T., Magina, S., Dinis, M. A. P., ... Almeida, V. (2024). Influence of Clinical and Psychosocial Factors on the Adherence to Topical Treatment in Psoriasis. <i>Healthcare (Basel, Switzerland)</i> , 12(8).  | <a href="https://doi.org/10.3390/HEALTHCARE12080822">https://doi.org/10.3390/HEALTHCARE12080822</a>   | 2.4  | 1 |
| 58. Teixeira, J., Bessa, M. J., Delerue-Matos, C., Sarmiento, B., Santos-Silva, A., Rodrigues, F., & Oliveira, M. (2024). Firefighters' personal exposure to gaseous PAHs during controlled forest fires: A case study with estimation of respiratory health risks and in vitro toxicity. <i>The Science of the Total Environment</i> , 908, 168364. | <a href="https://doi.org/10.1016/J.SCITOTENV.2023.168364">https://doi.org/10.1016/J.SCITOTENV.2023.168364</a>   | 8.2  | 1 |
| 59. Torres Quintas, S., Canha-Borges, A., Oliveira, M. J., Sarmiento, B., Castro, F., Torres Quintas, S., ... Castro, F. (2023). Special Issue: Nanotherapeutics in Women's Health Emerging Nanotechnologies for Triple-Negative Breast Cancer Treatment. <i>Small</i> , 2300666.  | <a href="https://doi.org/10.1002/SMLL.202300666">https://doi.org/10.1002/SMLL.202300666</a>   | 13   | 2 |
| 60. Vieira SF, Gonçalves SM, Gonçalves VMF, Tiritan ME, Cunha C, Carvalho A, Reis RL, Ferreira H, Neves NM. Evaluation of Echinacea purpurea Extracts as Immunostimulants: Impact on Macrophage Activation. <i>Planta Med</i> . 2024 Oct 17.   | <a href="https://www.thieme-connect.de/products/ejournals/abstract/10.1055/a-2436-9664">https://www.thieme-connect.de/products/ejournals/abstract/10.1055/a-2436-9664</a> | 2.1  | - |
| 61. Vinhas, A. S., Salazar, F., Mendes, J. M., Silva, A. S., Ríos-Carrasco, B., Ríos-Santos, J. V., ... Aroso, C. (2024). SEM Analysis and Micro-CT Evaluation of Four Dental Implants after Three Different Mechanical Requests—In Vitro Study. <i>Materials</i> , 17(2).   | <a href="https://doi.org/10.3390/MA17020434">https://doi.org/10.3390/MA17020434</a>   | 3.1  | 2 |

# ABSTRACTS IN SCIENTIFIC JOURNALS

## ABSTRACTS IN SCIENTIFIC JOURNALS

1. Barbosa, F., Araújo, J., F. Gonçalves, V. M., Palmeira, A., Cunha, A., A. Silva, P. M., Fernandes, C., Pinto, M., Bousbaa, H., Queirós, O., & Tiritan, M. E. (2024). Evaluation of antitumor activity of xanthenes conjugated with amino acids. *Scientific Letters*, 1(Sup 1). <https://doi.org/10.48797/sl.2024.140>
2. Sampaio, F., Gomes, C., Silva, J. P. N., Bousbaa, H., & Silva, P. M. A. (2024). KSP and MPS1 kinases as potential therapeutic targets for ovarian cancer. *Scientific Letters*, 1(Sup 1). <https://doi.org/10.48797/sl.2024.203>
3. Pinto, B., A. Silva, P. M., Sarmiento, B., Carvalho-Tavares, J., & Bousbaa, H. (2024). Developing robust heterotypic 3D lung cancer cultures for drug screening: preliminary results. *Scientific Letters*, 1(Sup 1). <https://doi.org/10.48797/sl.2024.228>
4. Silva, J. P. N., Silva, R., Vilas-Boas, M. D. C., Silva, P. M. A. S., & Bousbaa, H. (2024). KSP and Aurora B as potential biomarkers and therapeutic targets for head and neck cancer. *Scientific Letters*, 1(Sup 1). <https://doi.org/10.48797/sl.2024.204>
5. Gaspar, M., Rodrigues, T., Nunes, A.R., Garcez, F., Ricardo, S., Batista-Pinto, C., Resende, A.D. (2024). Omentum picture: unraveling the enigma of the immune microenvironment in appendicitis scenario. III 1H-TOXRUN International Congress 2024. No Boundaries for Toxicology: One Health, One Society, One Planet. *Scientific Letters*, 1(Sup 1): P15. <https://doi.org/10.48797/sl.2024.173>
6. Resende, A.D., Rocha, E., Lobo-da-Cunha, A. (2024). Subcellular distribution of some purine catabolism enzymes in brown trout (*Salmo trutta*) liver. III 1H-TOXRUN International Congress 2024. No Boundaries for Toxicology: One Health, One Society, One Planet. *Scientific Letters*, 1(Sup 1): P79. <https://doi.org/10.48797/sl.2024.196>
7. Es Samti L., Oliveira A., Sousa-Santos S., Sousa-Santos C. Sousa-Santos P. "Evaluation of the effect of mouthwashes on titanium alloy miniscrews: a systematic review", *Scientific Letters* (2024) <https://doi.org/10.48797/sl.2024.123>
8. Oliveira A., Rocha A., Sousa-Santos P., Pinho T. "Coronal repercussions of maxillary central incisor torque with clear aligners – Invisalign system", *Scientific Letters* (2024) <https://doi.org/10.48797/sl.2024.264>
9. Azevedo M., Ferreira M., Cantante J., Oliveira A., Lobo A., Sousa-Santos P., Vale T. " Evaluation of the themes chosen for the dissertation of the Integrated Master's Degree of the Children's Oral Health and Prevention Service, at IUCS-CESPU", *Scientific Letters* (2024) <https://doi.org/10.48797/sl.2024.222>
10. Ferreira M., Azevedo M., Queirós C., Cantante J., Lobo A., Sousa-Santos P., Vale T. "Evaluation of the Pediatric Dentistry themes most chosen by students for poster and oral communication presentations at the CESPU Scientific Conferences – a serial cross-sectional study", *Scientific Letters* (2024) <https://doi.org/10.48797/sl.2024.224>
11. Guida, L Monteiro, S Tovar, S Warnakulasuryia. "Narrow Band Imaging (NBI) for early diagnosis of oral squamous cell carcinoma (OSCC): present and future. X International Symposium. 20 years advances in Oral Cancer, 3-5 July 2024, Bilbao, Spain. *Med Oral Patol Oral Cir Bucal*. 2024 Jul 15;29(Suppl 1):S1–S80. <https://doi.org/10.4317/medoral.1122335667801>

12. Rouffineau M, Silva JPN, Bousbaa H, Delgado L, Warnakulasuriya S, Silva PMA, Monteiro L. "Combining Curcumin and Paclitaxel to induce oral cancer cell death: an in vitro study. X International Symposium. 20 years advances in Oral Cancer, 3-5 July 2024, Bilbao, Spain. Med Oral Patol Oral Cir Bucal. 2024 Aug 30;29(Suppl1):1-80. <https://doi.org/10.4317/medoral.1122335667801>
13. Cerqueira R, Ferreira S, Delgado L, Salazar F, Pacheco JJ, Warnakulasuriya S, Monteiro L. "Gardner Syndrome and oral manifestations: A report of two clinical cases. X International Symposium. 20 years advances in Oral Cancer, 3-5 July 2024, Bilbao, Spain. Med Oral Patol Oral Cir Bucal. 2024 Aug 30;29(Suppl1):1-80. <https://doi.org/10.4317/medoral.1122335667801>
14. Goce L, Alvarez B, Ferreira S, Guida A, Warnakulasuriya S, Monteiro L. "Treatment of oral lichen planus with CO2 laser: a randomized clinical trial with preliminary results. X International Symposium. 20 years advances in Oral Cancer, 3-5 July 2024, Bilbao, Spain. Med Oral Patol Oral Cir Bucal. 2024 Aug 30;29(Suppl1):1-80. <https://doi.org/10.4317/medoral.1122335667801>

# RESEARCH PROJECTS



## RESEARCH PROJECTS

### With internal funding

1. Project: SciPre.com\_GI2- CESPU-2023 | Title: Sneaking Around Science: Promoting Health Scientific Literacy in Preschool. | PI: Patrícia Silva | Co-PI: José Carlos Caldas | Project member: Patrícia Silva, Hassan Bousbaa, Bárbara Pinto, João Silva, Diana Torres | Funding entity: CESPU-GI2 | Funding: 3500,00€ | Period covered: 01.04.2024 - 01.04.2025
2. Project: BeatCancer\_GI2- CESPU-2023 | Title: Boosting the Efficacy of Emerging Mitosis-targeted Antitumor Therapies. | PI: Hassan Bousbaa | Co-PI: Patrícia Silva | Project member: Patrícia Silva, Hassan Bousbaa, Bárbara Pinto, João Silva, Mafalda Calheiros-Lobo | Funding entity: CESPU-GI2 | Funding: 5500,00€ | Period covered: 01.04.2024 - 01.04.2025
3. Project: FlavScreen\_GI2-CESPU-2023 | Title: Screening and unraveling the mechanism of action of chiral flavonoid derivatives with anticancer activity | PI: Odília Queirós | Co-PI: Elizabeth Tiritan | Project member: Patrícia Silva, Hassan Bousbaa, Flávia Barbosa, Andrea Cunha | Funding entity: CESPU-GI2 | Funding: 5500,00€ | Period covered: 01.04.2024 - 01.04.2025
4. Project: ChImuRet\_GI2-CESPU-2023 | Title: A novel biofunctional nanoparticle-based system for immuno-chemotherapy delivery in rectal cancer. | PI: Bruno Sarmiento | Co-PI: | Project member: | Funding entity: CESPU-GI2 | Funding: 4500,00€ | Period covered: 01.04.2024 - 01.04.2025
5. Project: OREO\_GI2-CESPU-2023 | Title: Oxidative-REspOnsive nanomedicines for managing inflammatory bowel disease | PI: Rute Nunes | Co-PI: | Project member: | Funding entity: CESPU-GI2 | Funding: 2000,00€ | Period covered: 01.04.2024 - 01.04.2025
6. Project: MICROT1DM\_GI2-CESPU-2023 | Title: Characterisation of the salivary microbiome in patients with type 1 diabetes: diversity, structure and differential abundance of the bacteria | PI: Marta Relvas | Co-PI: | Project member: | Funding entity: CESPU-GI2 | Funding: 4200,00€ | Period covered: 01.04.2024 - 01.04.2025
7. Project: ConectaFAM\_GI2-CESPU-2023 | Title: ConectaFAM: improving the digital proficiency of older adults in Famalicão | PI: Maria Paço | Co-PI: | Project member: | Funding entity: CESPU-GI2 | Funding: 3000,00€ | Period covered: 01.04.2024 - 01.04.2025

8. Project: 3DMMTESMIS\_GI2-CESPU\_2023 | Title: Computer Aided 3D Manufacturing of a mandibular total edentulous simulation model for in-vitro studies | PI: José Manuel Mendes | Co-PI: | Project member: | Funding entity: CESPU-GI2 | Funding: 3700,00€ | Period covered: 01.04.2024 - 01.04.2025
9. Project: OMilkSAP\_GI2-CESPU-2023 | Title: Omentum Immune Microenvironment: the role of Milky Spots in the Acute Appendicitis Context. | PI: Albina Dolores Resende | Co-PI: Maria José Cardoso Oliveira | Project member: Sara Ricardo, Carla Batista-Pinto, Marcio Gaspar, Diana Nunes, Fernanda Garcez, Tomás Rodrigues | Funding entity: CESPU-GI2 | Funding: 3.700,00€ | Period covered: 01.04.2024-01.04.2025
10. Project: NToxAtOpi\_GI2-CESPU\_2023 | Title: Study of the neurotoxic potential of atypical opioids – combining in vitro and in vivo approaches. | PI: Juliana Faria | Project member: Joana Barbosa, Ricardo Dinis Oliveira, Sandra Leal, Andrea Cunha, Ana Rita Dantas | Funding entity: CESPU-GI2 | Funding: 5.000,00€ | Period covered: 01.04.2024 - 01.04.2025
11. Project: ESSIL17PD\_GI2-CESPU-2023 | Title: Exploratory study of salivary IL-17A and IL-17E levels in periodontal disease: gingivitis versus periodontitis. | PI: Alexandra Viana da Costa | Project member: Ricardo Silvestre, Maria Cristina Cabral, Maria Prazeres Gonçalves, Marta Relvas | Funding entity: CESPU-GI2 | Funding: 4000,00€ | Period covered: 30.04.2024 - 31.12.2024

### With external funding (FCT or other entity)

1. Project: PTDC/CTA-AMB/0853/2021 | Title: Sustainable antifouling agents: from grape wastes to the sea with the green chemistry leading the way. | Project Member: Paolo De Marco | Funding entity: FCT-Fundação para a Ciência e Tecnologia. | Funding: € | Period covered: 2022 to 2024.
2. Project: HOPE | Title: Improving ovarian cancer patients survival. | Project Member: Sara Ricardo | Funding entity: IPATIMUP/Donation. | Period covered: 13-03-2018 to 12-03-2026
3. Project: PTDC/CTA-AMB/0934/2021 | Title: BioPlasMar - Plastic removal and valorization of marine resources through new product development. | Project Member: Virgínia Gonçalves | Funding entity: FCT-Fundação para a Ciência e Tecnologia. | Funding: 225.315,91€ | Period covered: 2022 to 2025.

4. Project: PTDC/CTA-AMB/6686/2020 | Title: Enantioselective ecotoxicity and bioaccumulation of psychoactive substances | Acronim: ENANTIOTOX | PI: Cláudia Ribeiro | Co-PI: João Carrola | Project Member: Virgínia Gonçalves | Principal contractor: CESPU | Participating: UTAD, FEUP, FFUP, UM | Funding entity: FCT-Fundação para a Ciência e Tecnologia | Funding: 249.802,50€ | Period covered: 2020 to 2024.
5. Project: PTDC/CTA-AMB/0853/2021 | Title: NIAF - Sustainable antifouling agents: from grape wastes to the sea with the green chemistry leading the way | Acronim: | PI: Marta Correia da Silva (CIIMAR/FFUP) | Project Member: Paolo De Marco, Virgínia Gonçalves | Funding entity: FCT-Fundação para a Ciência e Tecnologia | Funding: 249.397,5 € | Period covered: 2022 to 2024.
6. Project: 2022.02842.PTDC | Title: STAR - STereoselective environmental processes in Antibiotics: role for Resistance. | Acronim: | PI: Ana Rita Lado (FEUP) | Project Member: Virgínia Gonçalves | Funding entity: FCT-Fundação para a Ciência e Tecnologia | Funding: 249 912,05 € | Period covered: 2023 to 2026.

## Other projects

1. Project: Oral Pat Portuguese Dogs | Title: Oral Pathology in Portuguese Dogs: A Biopsy-Based Retrospective Study. | Acronim: Oral Pat Portuguese Dogs | PI: Leonor Delgado | Project Member: MonteiroL, Brilhante-Simões P, Garcez F, Monteiro L, Pires I, Prada J | Institution entity: UNIPRO/ Universidade de Trás os Montes – UTAD / INNO LAB - | Funding: - | Period covered: 2022 to 2024.
2. Project: Community Intervention Design / knowledge transfer to society - prevention, treatment, oral rehabilitation, and social reintegration project for prisoners in the Paços de Ferreira Prison, Portugal | PI: Paulo Rompante | Project Member: Paulo Rompante, Marta Relvas, Marie Maziere, António Rajão | Institution entity: Departamento Ciências Dentárias, IUCS, CESPU / Ministério da Justiça, Estabelecimento Prisional de Paços de Ferreira | Funding: - | Period covered: 2018-.
3. Project: Community Intervention Design /knowledge transfer to society - prevention, treatment, oral rehabilitation and social reintegration project for underprivileged target population of the Municipality of Santo Tirso, Portugal | PI: Paulo Rompante | Project Member: Paulo Rompante, Marie Maziere, António Rajão | Institution entity: Departamento Ciências Dentárias, IUCS, CESPU / Câmara Municipal de Santo Tirso, Hospital Médio-Ave Santo Tirso | Funding: - | Period covered: 2018-.
4. Project: Community Intervention Design /knowledge transfer to society - prevention, treatment, oral rehabilitation and social reintegration project for underprivileged target population of the Municipality of Trofa, Portugal | PI: Paulo Rompante | Project Member: Paulo Rompante, Marie Maziere, António Rajão | Institution entity: Departamento Ciências Dentárias, IUCS, CESPU / Câmara Municipal da Trofa, Hospital Médio-Ave Santo Tirso | Funding: - | Period covered: 2019-.

5. Project: Design /knowledge transfer to society - prevention, treatment, oral rehabilitation and social reintegration project for underprivileged target population of the Municipality of Vila Nova de Famalicão, Portugal | PI: Paulo Rompante | Project Member: Paulo Rompante, Marie Maziere, António Rajão | Institution entity: Departamento Ciências Dentárias, IUCS, CESPU / Câmara Municipal de Vila Nova de Famalicão, Hospital Médio-Ave Vila Nova de Famalicão | Funding: - | Period covered: 2022-.
6. Project: PTDC/EME-EME/4197/2021/ PI: Filipe Samuel Correia Pereira Silva / Period covered: 03.2022 - 02.2024
7. PTDC/EME-EME/1681/2021\_ Mapping and modelling the transmission profile of optomechanical waves in the brain to optimize transcranial stimulation against brain disorders. PI: Óscar Samuel Novais de Carvalho. Period covered: 2022-01-01 a 2024-12-31 (<https://sciproj.ptcris.pt/170700PRJ>)

SUPERVISION/CO-SUPERVISION OF PhD THESIS,  
MASTER DISSERTATIONS, AND UNDERGRADUATE  
STUDENTS

# SUPERVISION/CO-SUPERVISION OF PhD THESIS, MASTER DISSERTATIONS AND UNDERGRADUATE STUDENTS

## Supervision/Co-Supervision of PhD Thesis

### *Completed in 2024*

1. Student name: Sónia Santos | Thesis title: Fracture resistance of emerging polymers used in prosthodontics | Supervisor: José Manuel Mendes | Co-supervisor: António Sérgio Silva | Programme: Biomedical Sciences IUCS-CESPU | Period covered: 2021-2024
2. Student name: Joana Margarida Pereira Vieira | Thesis title: Role of Monocarboxylate Transporters in the Resistance Phenotype of Acute Leukemia: Therapeutic Implications | Supervisor: Fátima Baltazar | Co-supervisor: Odília Queirós & Margarida Casal | Programme: Biomedical Sciences IUCS-CESPU | Period covered: 2020-2024

### *In Progress in 2024*

1. Student name: Alvaro Parra Meder | Thesis title: Identification of inflammatory mediators in oral fluids in type 1 diabetics, according to periodontal status. | Supervisor: Filomena Salazar, Jose Vicente Rios | Co-supervisor: | Programme: Doctoral Programme Health Sciences. International Doctoral School of the University of Seville | Period covered: 2023-2026
2. Student name: Rosana Costa | Thesis title: Association between periodontal diseases and type 1 diabetes mellitus. | Supervisor: Marta Relvas, Jose Vicente Rios | Co-supervisor: | Programme: Doctoral Programme Health Sciences. International Doctoral School of the University of Seville | Period covered: 2022-2025.
3. Student name: Joana Cláudia Morais da Silva Mendes | Thesis title: Study of retention capacity of all the EU original denture adhesives and white brands for conventional complete dentures and elaboration of an artificial mandibular mucosa model of a total edentulous | Supervisor: Maria Cristina Manzanares Cespedes | Co-supervisor: José Manuel Mendes | Programme: Medicine and Translational Research. Faculty of Medicine and Health Sciences of University of Barcelona | Period covered: 2022-2026

4. Student name: Lara Sofia Barros Coelho Medina | Thesis title: Avaliação do sistema de retenção dos parafusos dos implantes dentários | Supervisor: Maria Cristina Manzanares Cespedes | Co-supervisor: José Manuel Mendes | Programme: Medicine and Translational Research. Faculty of Medicine and Health Sciences of University of Barcelona | Period covered: 2022-2026
5. Student name: João Pedro Nunes Silva | Thesis title: The Second-generation of antimetabolites: mechanistic insights into the anticancer activity and therapeutic potential | Supervisor: Hassan Bousbaa | Co-supervisor: Patrícia M. A. Silva, Luís Monteiro | Programme: Biomedical Sciences IUCS-CESPU | Period covered: 2021-2025
6. Student name: Mafalda Calheiros-Lobo | Thesis title: | Supervisor: Hassan Bousbaa | Co-supervisor: Patrícia M. A. Silva, Luís Monteiro | Programme: Biomedical Sciences IUCS-CESPU | Period covered: 2020-2025
7. Student name: Selma Pascoal | Thesis title: A influência da vibração na aceleração do movimento dentário ortodôntico | Supervisor: Teresa Pinho | Co-supervisor: | Programme: Biomedical Sciences IUCS-CESPU | Period covered: -2025
8. Student name: Aline Gonçalves | Thesis title: A influência da Fotobiomodulação na aceleração do movimento dentário ortodôntico | Supervisor: Teresa Pinho | Co-supervisor: | Programme: Biomedical Sciences IUCS-CESPU | Period covered: -2025
9. Student name: António Ferraz | Thesis title: Study of Leukocyte - Platelet Rich Fibrin (L-PRF) effect in human peripheral blood and its antimicrobial action. Study by Flow Cytometry and Microbiological Culture | Supervisor: Maria do Céu Rodrigues Monteiro | Co-supervisor: Cristina Coelho, Paulo Miller | Programme: Biomedical Sciences IUCS-CESPU | Period covered: -2025
10. Student name: Hossan Dawa | Thesis title: Integration of artificial intelligence into diagnosis and treatment planning process in oral rehabilitation procedures in dentistry | Supervisor: Maia Neves | Co-supervisor: Carlos Aroso, Arthur Cortes | Programme: Biomedical Sciences IUCS-CESPU | Period covered: 2020-2024
11. Student name: Bárbara Pinto | Thesis title: Three-dimensional models of cancer to increase the predictive value of preclinical evaluation of antimetabolite agents. | Supervisor: Hassan Bousbaa | Co-supervisor: Juliana Tavares Carvalho, Bruno Sarmento | Programme: Biomedical Sciences IUCS-CESPU | Period covered: 2020-2025
12. Student name: Márcio Teodoro da Costa Gaspar | Thesis title: Deciphering the immune signature in acute appendicitis. | Supervisor: Sara Alexandra Vinhas Ricardo | Co-supervisor: Maria José Oliveira e Albina Dolores Resende | Programme: Biomedical Sciences IUCS-CESPU | Period covered: 10.2022 – 09.2026
13. Student name: Cláudia Sofia Ferreira Pinto | Thesis title: Nature-inspired chiral flavonoids as potential antitumor agents: a mindset-shifting strategy to achieve eco-friendly drugs | Supervisor: Maria Elizabeth Tiritan (FFUP) | CoSupervisor: Hassan Bousbaa (IUCS, CESPU) | Programme: Ciências Farmacêuticas, FFUP | Period covered: 2022 - 2026

14. Student name: Paula de Melo Alves | Thesis title: Novel Staining Approach: Assessing the Comparative Efficacy of BlueStain in Diagnostic Cytopathology | Supervisor: Fernando Schmitt (FMUP) | CoSupervisor: Fernando Ferreira (CESPU) | Programme: Programa Doutoral em Patologia e Genética Molecular da Universidade do Porto (ICBAS e FMUP) | Period covered: 2015 - 2025



## Supervision/Co-Supervision of MSc Dissertations

1. Student name: Mathilde Rouffineau | Dissertation title: Role of Curcumin and Paclitaxel in oral cancer: an in vitro study | Supervisor: Luís Monteiro | Co-Supervisor: Patrícia Silva, João Silva | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
2. Student name: Sofia Lima Ferreira | Dissertation title: Effectiveness of molar and canine distalization on the Invisalign® system - Clinical study compared to integrative systematic review| Supervisor: Teresa Pinho | Co-Supervisor: Maria Prazeres Gonçalves| Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
3. Student name: Cíntia Vanessa Garcia Queirós | Dissertation title: Comparison of maxillary central incisor torque in the ClinCheck®: with and without CBCT- a cross-sectional clinical study | Supervisor: Teresa Pinho | Co-Supervisor: Maria Prazeres Gonçalves| Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
4. Student name: Inês Alves de Castro | Dissertation title: Efficiency of Invisalign® Mandibular advancement System in growing patients Clinical study compared to integrative systematic review| Supervisor: Teresa Pinho | Co-Supervisor: Maria Prazeres Gonçalves| Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
5. Student name: Indaiara Abi Rachid Moraes Caleffi Silveira | Dissertation title: Facial analysis in patients with orofacial cleft using a 3D stereophotogrammetric camera system: A systematic integrative review | Supervisor: Adriano Costa | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
6. Student name: Maria Belen Rodriguez Alvarez | Dissertation title: The effectiveness of diode laser and photobiomodulation in soft tissue lesions: An integrative review with an oral squamous papilloma case report | Supervisor: Adriano Costa | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
7. Student name: Pedro Monterroso Pereira da Silva | Dissertation title: Use of PRF for the Treatment of Oroantral Communications: A Systematic Integrative Review | Supervisor: Adriano Costa | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
8. Student name: Joana Patrícia Fonseca Linhares | Dissertation title: Prevalence of Oral Diseases in a Drug Addict Population undergoing Treatment in Rehabilitation Clinics in Northern Portugal – observational study | Supervisor: Marta Relvas | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024

9. Student name: Jean-Erick De Almeida Rodriguez | Dissertation title: Analysis of the Factors Influencing Root Fracture in Teeth with Posts in Fixed Prosthetics | Supervisor: Catarina Calamote | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
10. Student name: María del Carmen Marín Ríos | Dissertation title: Clinical behaviour of ceramic and composite anterior veneers | Supervisor: Catarina Calamote | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
11. Student name: Océane Jocelyne Odile Revet | Dissertation title: Implant survival in patients with Type II Diabetes Mellitus | Supervisor: Catarina Calamote | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
12. Student name: Frédérique Myriam Rigobert | Dissertation title: Rapid maxillary expansion, a Treatment for Obstructive Sleep Apnoea syndrome in children and adolescents: a systematic review | Supervisor: Selma Pascoal | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
13. Student name: Laurine Marie Ilda Ribeiro-Ferreira | Dissertation title: Effectiveness and predictability of orthodontic treatments with clear aligners regarding molar derotation | Supervisor: Selma Pascoal | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
14. Student name: Victoire Frédérique Blandine Bodart | Dissertation title: Influence of social media on self-image and smile in a population of French and Portuguese adolescents | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
15. Student name: Maria Beatriz Pontes Duarte | Dissertation title: Effectiveness and Predictability of Clear Aligner Appliances Regarding Premolar Rotation | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
16. Student name: Sara Maria Queirós Domingues | Dissertation title: Effectiveness and Predictability of Clear Aligner Appliances Regarding Canine De-rotation | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
17. Student name: Paolo Pezzotta | Dissertation title: Comparison of the accuracy of intraoral scanners in full-arch rehabilitation on implants | Supervisor: Carolina Coelho | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
18. Student name: Fernando Molina Gómez | Dissertation title: PEEK spikes An alternative in the reconstruction of treated teeth Endodontically | Supervisor: Carolina Coelho | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024

19. Student name: Mario Esposito | Dissertation title: INFLUENCE OF THE BOPT TECHNIQUE ON PERIODONTAL TISSUES COMPARED TO THE CONVENTIONAL TECHNIQUE | Supervisor: Carolina Coelho | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
20. Student name: Perrine Gaëlle Raphaëlle Billet | Dissertation title: DENTAL IMPLANT DISPLACEMENT INTO THE MAXILLARY SINUS Integrative systematic review | Supervisor: Carlos Aroso | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
21. Student name: Antonio Trotta | Dissertation title: The conometric concept" in prostheses on implants: an alternative solution to traditional connections between abutment and prosthesis | Supervisor: Carlos Aroso | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
22. Student name: Simon Touboul | Dissertation title: The use of zygomatic implants in the treatment of a severely atrophied maxilla | Supervisor: Carlos Aroso | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
23. Student name: Inês Filipa Santos Mendes | Dissertation title: Laboratory trial regarding the antimicrobial Effect of L-PRF on bacteria and fungi from the oral cavity | Supervisor: Paulo Miller | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
24. Student name: Laura Manuela Martins da Silva | Dissertation title: Laboratorial trial regarding the antibacterial minimum inhibitory concentration in bacteria isolated from the oral cavity, such as Pseudomonas aeruginosa and Enterococcus faecalis, when interacting with PRF and its by-products. | Supervisor: Paulo Miller | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
25. Student name: Afonso Maria dos Santos Henriques | Dissertation title: Dental Autotransplantation | Supervisor: João Fontes | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
26. Student name: Lamiaa El Ftouhi | Dissertation title: Root Coverage Techniques: Addition of PRF versus Addition of Autogenous Connective Tissue Graft in Coronally Advanced Flap Surgery | Supervisor: Cátia Reis | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
27. Student name: Linda Beatriz Pereira Moura | Dissertation title: Gingival recession according to the Cairo's classification and associated risk factors in a population from the North of Portugal | Supervisor: Cátia Reis | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
28. Student name: Pauline Hirigaray | Dissertation title: The gummy smile caused by lip hypermobility: comparison of botox and lip repositioning techniques | Supervisor: Cátia Reis | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024

29. Student name: Diana Catarina Gonçalves Pelho | Dissertation title: Intervention and motivation for oral hygiene in prisoners of the Paços de Ferreira Prison | Supervisor: Marta Relvas | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
30. Student name: Arianna Maggiolini | Dissertation title: Implications of the oral microenvironment in the carcinogenesis of oral cancer: key roles of *Fusobacterium nucleatum* and *Porphyromonas gingivalis* | Supervisor: Luís Monteiro | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
31. Student name: Estela Martinez Tralhão | Dissertation title: Association of Oral Lichen Planus with Hepatitis C in Europe | Supervisor: Luís Monteiro | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
32. Student name: Alessio Chinello | Dissertation title: Maxillary overdentures on implants, immediate loading vs delayed loading - Integrative systematic review | Supervisor: Carlos Aroso | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
33. Student name: Yan Tsiukhai | Dissertation title: Physical and Mechanical properties of materials for provisional crowns: 3D printed vs Milled. A systematic integrative review. | Supervisor: Catarina Calamote | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
34. Student name: Fábio André Nunes Fernandes | Dissertation title: Potential Use of Stem Cells in Regenerative Endodontics | Supervisor: António Ferraz | Co-Supervisor: Paulo Miller | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
35. Student name: Louis Lionel Joachim Lucien Charlotin | Dissertation title: Healing rate e effects of the use of Platelet Rich Fibrin in regenerative endodontic procedure in mature permanent teeth/ a systematic review | Supervisor: António Ferraz | Co-Supervisor: Paulo Miller | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
36. Student name: Maria Alejandra Montilla Noda | Dissertation title: The Diagnosis of Cracked Tooth Syndrome | Supervisor: António Ferraz | Co-Supervisor: Paulo Miller | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
37. Student name: Katyany Acassia Abiega Alves | Dissertation title: The Impact of Studying the Smile on Aesthetic Perception: An Integrative Review | Supervisor: Lígia Rocha | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024

38. Student name: Elia Marques Rocha | Dissertation title: Tissue biomarkers for predicting the risk of oral cancer in patients diagnosed with oral leukoplakia: a 4-four years update systematic review post-COVID-19 period | Supervisor: Luís Monteiro | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
39. Student name: Clara Elodie Naudin | Dissertation title: Surgical techniques in cleft palate repair | Supervisor: Luís Monteiro | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
40. Student name: Sthefany Andreina de Canio da Mata | Dissertation title: The success of primary gingivoperiosteoplasty with pre-surgical orthopedics compared with secondary alveolar bone grafting in patients with cleft lip and palate. Integrative systematic review | Supervisor: Luís Monteiro | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
41. Student name: Arianna Maggiolini | Dissertation title: Implications of the oral microenvironment in the carcinogenesis of oral cancer: key roles of Fusobacterium nucleatum and Porphyromonas gingivalis. | Supervisor: Luís Monteiro | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
42. Student name: Laura Gonzalez Goce | Dissertation title: Treatment of Oral Lichen Planus with CO2 Laser: A Randomized Clinical Study with Preliminary Results | Supervisor: Luís Monteiro | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
43. Student name: Paul Esau Flores Saldivar | Dissertation title: The Role of Dysbiosis in Oral Cancer - Narrative Review | Supervisor: Cristina Coelho | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
44. Student name: Loanne Elodie Martine Fillion | Dissertation title: Oral psoriasis in relation to cutaneous manifestations | Supervisor: Barbas do Amaral | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
45. Student name: Pedro Osório Pereira | Dissertation title: Level of incidence of halitosis and its impact on population | Supervisor: Barbas do Amaral | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
46. Student name: Samantha Laura Martinez | Dissertation title: Oral myiasis, etiopathogenesis and treatment of a generally unknown Pathology | Supervisor: Barbas do Amaral | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024

47. Student name: Cristina Autelli | Dissertation title: Intra-articular injections in the treatment of Temporomandibular Joint Osteoarthritis | Supervisor: Mónica Cardoso | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
48. Student name: Renata Fontoura de Brito Costa | Dissertation title: Survival rate of zirconia versus titanium implants | Supervisor: Carolina Coelho | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
49. Student name: Yoann Enzo Genique | Dissertation title: Effectiveness of Physiotherapy and Manual Therapy versus Occlusal Splint in the Treatment of Temporomandibular Disorders | Supervisor: Lara Coelho | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
50. Student name: Ahmed Ibrahim Besrouf | Dissertation title: Factors influencing the colour stability of ceramic laminate veneers | Supervisor: Maria do Pranto | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
51. Student name: Alba Vidal Toledo | Dissertation title: Indirect facets in ceramics: importance of preparation design | Supervisor: Maria do Pranto | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
52. Student name: Ana Margarida Lopes | Dissertation title: Maryland bridges, a treatment option in the anterior sector | Supervisor: Maria do Pranto | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
53. Student name: Piergiorgio Altomare | Dissertation title: Minimally invasive ceramic laminate veneers: an integrative systematic review | Supervisor: Maria do Pranto | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
54. Student name: Sofia Sanchez Saavedra | Dissertation title: Comparative Study of Two Techniques for Veneers on Upper Anterior Teeth | Supervisor: Maria João Calheiros Lobo | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
55. Student name: Yaiza Mira Pereira | Dissertation title: Bruxism as a risk factor for implant-supported dental rehabilitations | Supervisor: Lara Coelho | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
56. Student name: Raquel Torres Queirós | Dissertation title: Comparison of Success/Longevity of Immediate Load Implants Versus Conventional Implants - Integrative Systematic Review | Supervisor: José Manuel Mendes | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024

57. Student name: Marta Alexandra Salgueirinho Carneiro Costa | Dissertation title: B.O.P.T preparation technique versus horizontal tooth preparations | Supervisor: José Manuel Mendes | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
58. Student name: Françoise Kleinsorgen | Dissertation title: Adhesion in hypomineralized teeth: An Integrative Systematic Review | Supervisor: Orlanda Torres | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
59. Student name: Andreia Catarina da Silva Moreira | Dissertation title: Oral Manifestations in a Drug Addicted Population Being Treated in Rehabilitation Clinics in Northern Portugal- Observational Study | Supervisor: Maria Prazeres Gonçalves | Co-Supervisor: Marta Relvas | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
60. Student name: Andreia Catarina da Silva Moreira | Dissertation title: Oral Manifestations in a Drug Addicted Population Being Treated in Rehabilitation Clinics in Northern Portugal- Observational Study | Supervisor: Maria Prazeres Gonçalves | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
61. Student name: Julien Adida Ceccon | Dissertation title: Benefits of using platelet-rich fibrin in implantology | Supervisor: Lara Coelho | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
62. Student name: Luís Filipe Santos Francisco | Dissertation title: Histologic and Histomorphometric Assessment of Sinus Floor Augmentation with Synthetic Hydroxyapatite (Nanobone®) alone or in Combination with Platelet-rich Fibrin | Supervisor: Marco Infante | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
63. Student name: Fernando Daniel Batista Pereira Guimarães | Dissertation title: Clinical applications of platelet-rich fibrin in oral surgery | Supervisor: Marco Infante | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
64. Student name: Marine Yvonne Ysabel Creusot | Dissertation title: Short dental implants as an alternative to elevation of the maxillary sinus| Supervisor: Lara Coelho | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
65. Student name: Juliane Oliveira Gomes Spadaro | Dissertation title: Use of PRP and PRF in Post-Extraction Sockets: A Systematic Review | Supervisor: Marco Infante | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024

66. Student name: Léa Marine Latouche | Dissertation title: Third molar autotransplantation: an option? | Supervisor: Luís Silva | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
67. Student name: Amine Benaouda | Dissertation title: Lip repositioning and Botox techniques as a gummy smile treatment | Supervisor: Paula Jarana | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
68. Student name: Lorena del Corral Tejedor | Dissertation title: Coronally advanced tunnel technique modified in gingival recessions multiples: Connective Tissue Graft vs. Acellular Dermal Matrix | Supervisor: Paula Jarana | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
69. Student name: Samanta Mendes Mendes | Dissertation title: Surgical techniques to serve as a guide in the aesthetic lengthening procedure of the crown due to Altered Passive Eruption | Supervisor: Paula Jarana | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
70. Student name: Louis Franck Marin Potiez | Dissertation title: Treatment options in the context of MIH in children and adolescents: a systematic review | Supervisor: Lígia Rocha | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
71. Student name: Gregoire Alexandre Remi Augustin | Dissertation title: Temporomandibular joint disorders in musicians | Supervisor: Mónica Cardoso | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
72. Student name: Ana Francisca Cunha Ribeiro | Dissertation title: Antibacterial properties of three restorative materials: nanohybrid composite resin, flowable resin and glass ionomer. In vitro study | Supervisor: Orlanda Torres | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
73. Student name: Pedro Otero Prieto | Dissertation title: Root covering - comparison of techniques with and without the addition of subepithelial connective tissue | Supervisor: Ana Sofia Vinhas | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
74. Student name: Tommaso Maria Fiorini | Dissertation title: Gingival Smile Correction: three therapeutic alternatives | Supervisor: Ana Sofia Vinhas | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
75. Student name: Nuno Martins Morais Caiado | Dissertation title: The influence of the adhesive protocol on the bond strength of Biodentine® to the composite resine | Supervisor: Orlanda Torres | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024



76. Student name: Tiago João Paiva Azevedo | Dissertation title: Adhesion Strengths of MTA and Biodentine to Composite Resin | Supervisor: Orlanda Torres | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
77. Student name: Rebeca Chelsea Chinjole Fernandes | Dissertation title: Influence of Vitamin D on the osseointegration of dental implants | Supervisor: Ana Sofia Vinhas | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
78. Student name: Carolina Albuquerque Reis Pinto Cardoso | Dissertation title: Comparison of different Types of Graft Materials bone in the increase of the alveolar ridge | Supervisor: Filomena Salazar | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
79. Student name: Céline Afonso | Dissertation title: Effectiveness of surgical root coverage on dentin hypersensitivity in teeth with gingival recessions | Supervisor: Filomena Salazar | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
80. Student name: Anna Tkachenko | Dissertation title: Materials for Fabrication of Removable Vacuum-formed Retainers | Supervisor: Maria João Calheiros-Lobo | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
81. Student name: Leah Cohen | Dissertation title: The effectiveness of the Tunneling Technique (TUN) in root coverings compared to the coronary advancement flap (CAF) | Supervisor: Filomena Salazar | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
82. Student name: Henrique Carvalho Assunção | Dissertation title: Recent advances in microtubule targeting agents for cancer therapy | Supervisor: Honorina Cidade | Co-Supervisor: Hassan Bousbaa | Programme: Mestrado em Química Farmacêutica, FFUP | Period covered: setembro 2024- Dezembro 2025
83. Student name: Beatriz Isabel da Silva Lopes | Dissertation title: Ballistic Gelatine: Biodegradation Analysis | Supervisor: Albina Dolores Resende | Co-Supervisor: Luís Fernandes | Programme: Master's in Forensic Sciences IUCS-CESPU | Period covered: 2024-2025
84. Student name: Cláudia Santos | Dissertation title: Caracterização Histopatológica de Culturas de Organoides de Carcinoma de Ovário | Supervisor: Sara Ricardo | Co-Supervisor: Albina Dolores Resende | Programme: Mestrado em Técnicas Laboratoriais em Biopatologia (Ramo de Histopatologia); Escola Superior de Saúde do Politécnico do Porto | Period covered: 2024-2025
85. Student name: Antonio Gammone | Dissertation title: Surface evaluation of titanium alloy mini-implants: manual insertion without pilot hole vs. insertion with contra-angle and manual with pilot hole in porcine bone | Supervisor: Primavera Sousa-Santos | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024

86. Student name: Joana Silva | Dissertation title: Evaluation of the corrosion resistance of Ti-6Al-4V alloy mini-implants in artificial saliva | Supervisor: Primavera Sousa-Santos | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
87. Student name: Lamiae Es Samti | Dissertation title: Efficacy of Endodontic Irrigation Protocols in Situations of Limited Resources | Supervisor: Paulo Miller | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
88. Student name: Cláudia Sofia Quitéria Patrício | Title: Comparação do efeito antimicrobiano de dois sistemas adesivos self-etch | Supervisor: Orlanda Torres | Co-Supervisor: Cristina Coelho | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
89. Student name: Ana Francisca Barros Silva Mendes | Title: Efeito antibacteriano da fibrina rica em plaquetas e leucócitos (L-PRF) contra *Klebsiella pneumoniae* e *Staphylococcus aureus*. Estudo in vitro | Supervisor: Paulo Miller | Co-Supervisor: António Melo-Ferraz, Cristina Coelho | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
90. Student name: Inês Filipa Santos Mendes | Title: Ensaio laboratorial sobre o efeito antimicrobiano do L-PRF em bactérias e fungos da cavidade oral | Supervisor: Paulo Miller | Co-Supervisor: António Melo-Ferraz, Cristina Coelho | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
91. Student name: Laura Manuela Martins da Silva | Title: Ensaio Laboratorial acerca da Concentração Mínima Inibitória em bactérias da cavidade oral como *Pseudomonas aeruginosa* e *Enterococcus faecalis*, aquando da sua interação com PRF e respetivos subprodutos | Supervisor: Paulo Miller | Co-Supervisor: António Melo-Ferraz, Cristina Coelho | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
92. Student name: Eduane Zidani Carlos Pio Baptista | Dissertation title: Evaluation of the effect of mouthwash on titanium alloy mini-implants | Supervisor: Primavera Sousa-Santos | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
93. Student name: Pauline Marie Mathilde Ursat | Dissertation title: Comparative analysis of traditional vacuum thermoforming and 3D printing for aligner fabrication | Supervisor: Primavera Sousa-Santos | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
94. Student name: Rafael Fernandes da Costa | Dissertation title: Evaluation of the clinical stability of orthodontic mini-implants using insertion and removal torque | Supervisor: Primavera Sousa-Santos | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
95. Student name: Luis Brito | Dissertation title: Avaliação do Tratamento ortodôntico e oclusão em pacientes com bruxismo. Supervisor: Primavera Sousa-Santos Programme: Master's in Orthodontics IUCS-CESPU | Period covered: 2023-2025
96. Student name: Carolina Moderno | Dissertation title: Estabilidade de cor de alinhadores ortodônticos após imersão em diferentes bebidas corantes. | Supervisor: Primavera Sousa-Santos | Programme: Master's in Orthodontics IUCS-CESPU | Period covered: 2023-2025
97. Student name: Diana Ferreira | Dissertation title: Avaliação da efetividade dos produtos de limpeza nos alinhadores ortodônticos". | Supervisor: Primavera Sousa-Santos | Programme: Master's in Orthodontics IUCS-CESPU | Period covered: 2023-2025

98. Student name: Oséa Marie Poe Rava PROST-TOURNIER | Dissertation title: Innovative on-line SPEHPLC-FD method for the analysis of Bisphenol A in saliva | Supervisor: Lígia Rocha | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
99. Student name: Ana Margarida Silva Ferreira | Dissertation title: Prevalência da recessão gengival numa população universitária do Norte de Portugal | Supervisor: Cristina Trigo Cabral | Co-Supervisor: Marta Relvas | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024 (18/07/2024)
100. Student name: Constance Valerie Henriette Michelle Isabelle Corinne | Dissertation title: Manifestações da diabetes mellitus na cavidade oral | Supervisor: Cristina Trigo Cabral | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024 (16/07/2024)
101. Student name: Erika Polisciano | Dissertation title: Alterations of the periodontium in pregnant women | Supervisor: Cristina Trigo Cabral | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024 (16/07/2024)
102. Student name: Carla Martínez Alvarez | Dissertation title: Avaliação da efetividade da fotobiomodulação para controlar a dor em ortodontia convencional: Uma revisão sistemática integrative | Supervisor: Aline Gonçalves / Co-Supervisor: Francisca Monteiro 07.2024 | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
103. Student name: Kaliza Prée | Dissertation title: Comparative analysis gingival recession incidence in patients treated with conventional orthodontic appliances vs aligners – a systematic review | Supervisor: Aline Gonçalves | Co-Supervisor: Francisca Monteiro 07.2024 | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
104. Student name: Margarida Coelho | Dissertation title: Surgical vs non-surgical techniques for accelerating orthodontic tooth movement in fixed appliances and aligners: a systematic review | Supervisor: Aline Gonçalves | Co-Supervisor: Francisca Monteiro 07.2024 | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
105. Student name: Mélanie Liliane Claire Viroleau | Dissertation title: The influence of modern culture on children's oral health: a systematic review | Supervisor: Aline Gonçalves | Co-Supervisor: Francisca Monteiro 07.2024 | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024
106. Student name: Ousrat CHANFI | Dissertation title: Unpredictable movements with orthodontic conventional appliances vs aligners in class III malocclusions in permanent dentition: A systematic review | Supervisor: Aline Gonçalves | Co-Supervisor: Francisca Monteiro 07.2024 | Programme: Integrated Master's in Dental Medicine IUCS-CESPU | Period covered: 2023-2024

## Supervision/Co-Supervision of Undergraduate Students

1. Student name: Tomás Moura Rodrigues | Title: Evaluation of omentum immune microenvironment in acute appendicitis scenarios | Supervisor: Albina Dolores Resende | Co-Supervisor: Carla Batista Pinto, Sara Ricardo | Programme: Bachelor's in Biomedical Sciences IUCS-CESPU | Period covered: 2023-2024
2. Student name: Ana Rita da Rocha Nunes | Title: Lymphocyte population characterization in ovarian cancer tumor microenvironment | Supervisor: Carla Batista Pinto | Co-Supervisor: Albina Dolores Resende, Sara Ricardo | Programme: Bachelor's in Biomedical Sciences IUCS-CESPU | Period covered: 2023-2024
3. Student name: Sara Beatriz Pinheiro Marques | Title: Phenotypic characterization of the omentum immunological response in appendicitis | Supervisor: Albina Dolores Resende | Co-Supervisor: Carla Batista Pinto, Sara Ricardo | Programme: Bachelor's in Biomedical Sciences IUCS-CESPU | Period covered: 2024-2025
4. Student name: Carolina Jesus de Oliveira Matos da Silva | Dissertation title: Exploração das propriedades dos flavonoides em linhas celulares tumorais | Supervisor: Andrea Cunha | Co-Supervisor: Odília Queirós, Flávia Barbosa | Programme: Bachelor's degree in Forensic Sciences IUCS-CESPU | Period covered: 2023-2024
5. Student name: Beatriz Gomes Carneiro | Dissertation title: Elucidação do efeito dos Flavonoides em linhas celulares tumorais | Supervisor: Andrea Cunha | Co-Supervisor: Odília Queirós, Flávia Barbosa | Programme: Bachelor's degree in Forensic Sciences IUCS-CESPU | Period covered: 2023-2024
6. Student name: Beatriz da Silva Ribeiro | Dissertation title: Estudo dos efeitos de derivados quirais de flavonoides na viabilidade celular e na atividade metabólica de células tumorais | Supervisor: Odília Queirós | Co-Supervisor: Andrea Cunha, Flávia Barbosa | Programme: Bachelor's degree in Forensic Sciences IUCS-CESPU | Period covered: 2023-2024
7. Student name: Leonor Camões Teixeira | Dissertation title: Potencialização da Quimioterapia Convencional com Flavonoides: Interferência no Metabolismo Glicolítico em Tumores Sólidos | Supervisor: Andrea Cunha | Co-Supervisor: Odília Queirós, Flávia Barbosa | Programme: Bachelor's degree in Forensic Sciences IUCS-CESPU | Period covered: 2024-2025
8. Student name: Beatriz Maria Monteiro Teixeira Diogo | Dissertation title: Avaliação in vitro da hepatotoxicidade do cebranopadol: um novo analgésico opioide | Supervisor: Joana Barbosa | Co-Supervisor: Andrea Cunha | Programme: Bachelor's degree in Biomedical Sciences IUCS-CESPU | Period covered: 2024-2025
9. Student name: Joana Beatriz Martins da Rocha | Dissertation title: Estudo in vitro do impacto metabólico da exposição de células da microglia ao cebranopadol | Supervisor: Joana Barbosa | Co-Supervisor: Andrea Cunha | Programme: Bachelor's degree in Biomedical Sciences IUCS-CESPU | Period covered: 2024-2025

10. Francisca Nazaré de Mesquita Sampaio (No. 31686), a 3rd-year undergraduate student in Biomedical Sciences at IUCS; Research Internship in Biomedical Sciences; Project: "Targeting MPS1 to overcome Paclitaxel resistance in ovarian cancer"; Supervisors: Hassan Bousbaa and Patrícia Silva; Duration: Academic year 2023/2024; Defended on 15/07/2024.
11. Carina Gomes (No. 31356), a 3rd-year undergraduate student in Biomedical Sciences at IUCS; Research Internship in Biomedical Sciences; Project: "Targeting Eg5 to overcome Paclitaxel resistance in ovarian cancer"; Supervisors: Hassan Bousbaa and Patrícia Silva; Duration: Academic year 2023/2024; Defended on 25/06/2024.
12. Eduarda Pereira Alves (No. 33791), a 3rd-year undergraduate student in Biomedical Sciences at IUCS; Research Internship in Biomedical Sciences; Project: "Investigating the Antitumor and Antimitotic Effects of Chalcone Derivatives in Cancer Cell Lines"; Supervisor: Hassan Bousbaa; Co-supervisor: Patrícia Silva; Duration: Academic year 2024/2025, ongoing.
13. Lara Alexandra Neves Cruz (No. 33898), a 3rd-year undergraduate student in Biomedical Sciences at IUCS; Research Internship in Biomedical Sciences; Project: "Identification and characterization of the cytotoxic mechanism of new molecules with antitumoral potential"; Supervisor: Patrícia Silva; Co-supervisor: Hassan Bousbaa; Duration: Academic year 2024/2025, ongoing.
14. Maria Rita Coimbra Vieira dos Santos (No. 33332), a 3rd-year undergraduate student in Biomedical Sciences at IUCS; Research Internship in Biomedical Sciences; Project: "Evaluation of the cytotoxic activity of new compounds with antitumoral potential"; Supervisor: Patrícia Silva; Co-supervisor: Hassan Bousbaa; Duration: Academic year 2024/2025, ongoing.

INVOLVEMENT IN EDITORIAL AND ARTICLE REVIEW  
ACTIVITIES FOR SCIENTIFIC JOURNALS

## INVOLVEMENT IN EDITORIAL AND ARTICLE REVIEW ACTIVITIES FOR SCIENTIFIC JOURNALS

### Editing Special Issues in Journals

1. Patrícia M. A. Silva, Odília Queirós. Special Issue Guest Editor of Nano-Drug Delivery Systems for Targeting the Tumor Microenvironment and Simultaneously Overcoming Drug Resistance Properties. *Pharmaceutics*. Editing role: Guest Editors. [https://www.mdpi.com/journal/pharmaceutics/special\\_issues/BG11RU976G](https://www.mdpi.com/journal/pharmaceutics/special_issues/BG11RU976G)
2. Patrícia M. A. Silva, Daniel José Barbosa, Joana Barbosa, Elaine Souza-Fagundes. Special Issue Guest Editor of The (Un)Desirability of Cell Death in Health and Disease: Emerging Modulators and their Mechanisms. *Frontiers in Cell and Developmental Biology*. Editing role: Guest Editors. [https://www.frontiersin.org/research-topics/57035/the-undesirability-of-cell-death-in-health-and-disease-emerging-modulators-and-their-mechanisms?fbclid=IwAR2HRFZAHz4kYRJdFK9kfsM5ZQ1iR8ERm4ycq6\\_W9Na3iKxoG7y9Rjtm2r0](https://www.frontiersin.org/research-topics/57035/the-undesirability-of-cell-death-in-health-and-disease-emerging-modulators-and-their-mechanisms?fbclid=IwAR2HRFZAHz4kYRJdFK9kfsM5ZQ1iR8ERm4ycq6_W9Na3iKxoG7y9Rjtm2r0)
3. Patrícia M. A. Silva, Hassan Bousbaa, Honorina Cidade. Special Issue Guest Editor of Bioactive Compounds in Cancers. *International Journal of Molecular Sciences*. Guest Editors. [https://www.mdpi.com/journal/ijms/special\\_issues/2I2VLC08N0](https://www.mdpi.com/journal/ijms/special_issues/2I2VLC08N0)
4. Luís Monteiro. Special Issue Guest Editor of Potentially Malignant Disorders and Cancers of Head and Neck Region—Series 2. *Journal of Clinical Medicine*. Guest Editor. [https://www.mdpi.com/journal/jcm/special\\_issues/44973ZSBB9?fbclid=IwAR1xO61aLwK7FpG0mdjHEs2WsT7jpxa3XWe-jCub5vndcJAfcx5-vwuKHIA#info](https://www.mdpi.com/journal/jcm/special_issues/44973ZSBB9?fbclid=IwAR1xO61aLwK7FpG0mdjHEs2WsT7jpxa3XWe-jCub5vndcJAfcx5-vwuKHIA#info)
5. Maria Leonor Delgado, Luís Monteiro. Special Issue Guest Editor of Oral Cancer and Disease in Humans and Animals. *International Journal of Molecular Sciences*. Guest Editor. [https://www.mdpi.com/journal/ijms/special\\_issues/577E4RLJQ4](https://www.mdpi.com/journal/ijms/special_issues/577E4RLJQ4)
6. Hassan Bousbaa. Special Issue Guest Editor of Novel Anticancer Strategies (Volume III). *Pharmaceutics*. Guest Editor. [https://www.mdpi.com/journal/pharmaceutics/special\\_issues/YZVK72LQGZ?fbclid=IwAR12YYBOyXfT6btRR95OjjmnRvPXThBW5QiYjKwU-VGtj15BuhGDQzQw4r8](https://www.mdpi.com/journal/pharmaceutics/special_issues/YZVK72LQGZ?fbclid=IwAR12YYBOyXfT6btRR95OjjmnRvPXThBW5QiYjKwU-VGtj15BuhGDQzQw4r8)
7. Hassan Bousbaa, Hu Zhiwei. Topic Editor: Recent Advances in Anticancer Strategies. *Pharmaceutics; Cancers; Biomedicines; Future Pharmacology; Current Oncology* (2024): <https://www.mdpi.com/topics/A8U6WXLXT6>

8. Hassan Bousbaa. Special Issue Guest Editor of Novel Anticancer Strategies (Volume III). *Pharmaceutics*. Guest Editor. [https://www.mdpi.com/journal/pharmaceutics/special\\_issues/YZVK72LQGZ?fbclid=IwAR12YBYOyXfT6btRR95OjjmRvPXThBW5QiYjKwU-VGtj15BuhGDQzQw4r8](https://www.mdpi.com/journal/pharmaceutics/special_issues/YZVK72LQGZ?fbclid=IwAR12YBYOyXfT6btRR95OjjmRvPXThBW5QiYjKwU-VGtj15BuhGDQzQw4r8)
9. Odília Queirós, Fátima Baltazar. Special Issue Guest Editor of Cancer Cell Metabolism: New Advances and Potential Therapies. *International Journal of Molecular Sciences*. Guest Editors. [https://www.mdpi.com/journal/ijms/special\\_issues/Y6T67JLJAD?fbclid=IwAR0s6\\_4VvKCrswuCyL\\_Zvk05x699HBS1ol6rYoJUCiegXbVjdTO228baqW0](https://www.mdpi.com/journal/ijms/special_issues/Y6T67JLJAD?fbclid=IwAR0s6_4VvKCrswuCyL_Zvk05x699HBS1ol6rYoJUCiegXbVjdTO228baqW0)
10. Hassan Bousbaa. Topic Editor of the journal "Cancers"
11. Hassan Bousbaa. Topic Editor of the journal "Pharmaceutics"
12. Hassan Bousbaa. Topic Editor of the journal "Biomedicines"
13. Hassan Bousbaa. Topic Editor of the journal "Future Pharmacology"
14. Hassan Bousbaa. Topic Editor of the journal "Current Oncology"
15. Hassan Bousbaa. Topic Editor of the journal "Molecules"
16. Hassan Bousbaa. Topic Editor of the journal "Scientia Pharmaceutica"
17. Hassan Bousbaa. Topic Editor of the journal "International Journal of Molecular Sciences"
18. Hassan Bousbaa. Topic Editor of the journal "Pharmaceuticals"
19. Bousbaa, H.; Barbosa, J.; Gonçalves, V.M.F.; Silva, P.; Azevedo, R. No Boundaries for Toxicology: One Health, One Society, One Planet. *Scientific Letters* 2024, 1, doi:10.48797/SL.2024.261
20. Patrícia M. A. Silva. Topical Advisory Panel member of the journal "International Journal of Biomedical Sciences"
21. Patrícia M. A. Silva. Topical Advisory Panel member of the journal "Pharmaceutics"





## Editorial member board in Journals

1. Hassan Bousbaa. Associate Editor of RevSAULS (eISSN: 2184-836X), Revista Científica Internacional da Rede Académica das Ciências da Saúde da Lusofonia (RACS)
2. Hassan Bousbaa. Editor-in-Chief of "Scientific Letters (ISSN 2795-5117)"
3. Hassan Bousbaa. Editorial Board Member of "Current Forensic Science"
4. Hassan Bousbaa. 'Biologics and Biosimilars' Section Editor in "Pharmaceutics"
5. Patrícia M. A. Silva. Topic Advisory member of "Pharmaceutics"
6. Patrícia M. A. Silva. Topic Advisory member of "International Journal of Molecular Sciences"

## Journals Reviewer

1. Medicina - MDPI
2. International Journal of Molecular Sciences – MDPI
3. Molecules – MDPI
4. Cells – MDPI
5. International Journal of Pharmacology - MDPI
6. Scientific Reports - Nature group
7. Scientific Letters – IUCS-CESPU Publishing
8. Immunology – Frontiers
9. Microbiology – Frontiers
10. Revista Portuguesa de Estomatologia, Medicina Dentária e Cirurgia Maxilofacial

PATENTS

# PATENTS

n/a.

AFFILIATION WITH EXTERNAL RESEARCH CENTERS  
(INTEGRATED OR COLLABORATING)

## AFFILIATION WITH EXTERNAL RESEARCH CENTERS (INTEGRATED OR COLLABORATING)

| Researcher name        | External research centers  | Situation with regard to the External Research Center (Integrated Member or Collaborator) |
|------------------------|--|---|
| Paolo De Marco         | Associate Laboratory i4HB - Institute for Health and Bioeconomy, UCIBIO - Applied Molecular Biosciences Unit, Toxicologic Pathology Research Laboratory, University Institute of Health Sciences (1H-TOXRUN, IUCS-CESPU) | Collaborator  |
| Marta Relvas           | Oral Research Group of University of Santiago de Compostela  | External collaborator   |
| Albina Dolores Resende | Associate Laboratory i4HB - Institute for Health and Bioeconomy, UCIBIO - Applied Molecular Biosciences Unit, Toxicologic Pathology Research Laboratory, University Institute of Health Sciences (1H-TOXRUN, IUCS-CESPU) | Collaborator  |
| Carla Batista-Pinto    | Associate Laboratory i4HB - Institute for Health and Bioeconomy, UCIBIO - Applied Molecular Biosciences Unit, Toxicologic Pathology Research Laboratory, University Institute of Health Sciences (1H-TOXRUN, IUCS-CESPU) | Collaborator  |
|                        | Centro Interdisciplinar de Investigação Marinha e Ambiental (CIIMAR - UP)  | Collaborator  |

**OTHER RELEVANT ACTIVITIES**



## OTHER RELEVANT ACTIVITIES

### Comunicações orais:

1. Lopes-Rocha L, Carbas R, Silva LFM. Autor correspondente: Lopes-Rocha L. "Effect of ageing on the mechanical properties of dental resin with and without Bisphenol A". Trabalho apresentado em International Conference on Bio-Joining, FEUP, 5 e 6 dezembro 2024
2. Barbosa, F.; Araújo, J.; Gonçalves, V.M.F.; Palmeira, A.; Cunha, A.; Silva, P.M.A.; Fernandes, C.; Pinto, M.; Bousbaa, H.; Queirós, O.; Tiritan, M.E. (2024) Evaluation of Antitumor Activity of Xanthenes Conjugated with Amino Acids. III 1-H-TOXRUN International Congress 2024.
3. Barbosa, F.; Araújo, J.; Gonçalves, V.M.F.; Palmeira, A.; Cunha, A.; Silva, P.M.A.; Fernandes, C.; Pinto, M.; Bousbaa, H.; Queirós, O.; Tiritan, M.E. (2024) Assessment of the antitumor activity of chiral xanthenes derivatives. VI PhD day 2024: Empowering change: strategies to achieve the goals of the 2030 agenda
4. "Ortodontia centrada nos objetivos estéticos dos pacientes: é possível camuflagem ortodôntica sem comprometer a estética?– Primavera Sousa-Santos – XXXIII Congresso da Ordem dos Médicos Dentistas. 21-23 novembro 2024.
5. "Avaliação da Estabilidade dos Mini-Implantes Ortodônticos através do Torque de Inserção e Remoção –Estudo In vitro" - Sofia Sousa-Santos, Rafael Costa, Ana Catarina Oliveira, Catarina Sousa-Santos, Joana Mendes, José Manuel Mendes, Carlos Aroso, Primavera Sousa-Santos - XXX Congresso da Sociedade Portuguesa de Ortodontia, 23-26 outubro 2024.
6. "Método Convencional de fabrico de alinhadores ortodônticos vs Tecnologia de Impressão Direta para Alinhadores com TC-85DAC" - Pauline Ursat, Ana Oliveira A, Sofia Sousa-Santos, Primavera Sousa-Santos - XXX Congresso da Sociedade Portuguesa de Ortodontia, 23-26 outubro 2024.
7. "Influência do diâmetro dos Mini-Implantes Ortodônticos na Estabilidade primária: Ensaios de Flexão - Estudo in vitro" Catarina Sousa-Santos, Sofia Sousa-Santos, Carlos Coelho, Selma Pascoal, Joana Mendes, José Manuel Mendes, Primavera Sousa-Santos - XXX Congresso da Sociedade Portuguesa de Ortodontia, 23-26 outubro 2024.
8. Avaliação do método tradicional de fabrico de alinhadores ortodônticos vs impressão direta com material Graphy" Pauline Ursat, Ana Oliveira, Primavera Sousa-Santos - XXXII Jornadas de Medicina Dentária do IUCS-CESPU, 9 abril 2024, Porto, Portugal.

Comunicações em painel:

1. Queirós, C.; Ferreira, M.; Sousa-Santos, C.; Domingues, S.; BRAZ, MARIA PRANTO; Mendes, José Manuel. Autor correspondente: Queirós, C.. "Eficácia da escovagem do palato e dos antifúngicos no tratamento da estomatite protética: Revisão sistemática". Trabalho apresentado em *XXXII Jornadas Científicas de Ciências Dentárias, 2024*
2. Cunha, A.; Barbosa, F.; Sarmiento, B.; Queirós, O. (2024). Potencialização da Atividade do Paclitaxel por Inibidores Glicolíticos e Aumento da Entrega por Nanoencapsulação num Modelo de Cancro de Pulmão. 6º Encontro Nacional de Jovens Investigadores em Oncologia.
3. Carneiro, B.; Pinto, C.; Barbosa, F.; Bousbaa, H.; Honorina, C.; Tiritan, M.E.; Queirós, O.; Cunha, A. (2024) Elucidation of the effect of flavonoids on tumor cell lines. VI PhD Day 2024 - Empowering Change: Strategies to achieve the goals of the 2030 agenda.
4. Sampaio, F.; Carina Gomes; João P. N. Silva; Bousbaa, Hassan; Silva, Patrícia M. A. Silva. "KSP and MPS1 kinases as potential therapeutic targets for ovarian cancer. <https://doi.org/10.48797/sl.2024.203>". Trabalho apresentado em III 1H-TOXRUN International Congress 2024, 2024.
5. João P.N. Silva; Raquel Silva; Maria do Carmo vilas-Boas; Silva, Patrícia M. A.; Bousbaa, Hassan. "KSP and Aurora B as potential biomarkers and therapeutic targets for head and neck cancer. <https://doi.org/10.48797/sl.2024.204>". Trabalho apresentado em III 1H-TOXRUN International Congress 2024, 2024.
6. Bárbara Pinto; Silva, Patrícia M. A.; Bruno Sarmiento; Juliana Carvalho-Tavares; Hassan Bousbaa. "Developing robust heterotypic 3D lung cancer cultures for drug screening: preliminary results. <https://doi.org/10.48797/sl.2024.228>". Trabalho apresentado em III 1H-TOXRUN International Congress 2024, 2024.
7. Pinto, Bárbara; A. Silva, Patrícia M.; Sarmiento, Bruno; Juliana Carvalho-Tavares; Bousbaa, Hassan. "Developing robust heterotypic 3D lung cancer cultures for drug screening: preliminary results". Trabalho apresentado em PhD Day 2024, 2024
8. João P.N. Silva; Raquel Silva; Maria do Carmo vilas-Boas; Silva, Patrícia M. A.; Bousbaa, Hassan. "KSP and Aurora B in the spotlight: Potential biomarkers and treatment targets for head and neck cancer." Trabalho apresentado em PhD Day 2024, 2024
9. Francisca Sampaio, João P.N. Silva, Hassan Bousbaa, Patrícia Silva. "Highlighting the potential of MPS1 in ovarian cancer resistant to paclitaxel." Trabalho apresentado em PhD Day 2024, 2024
10. Cláudia Pinto; Flávia Barbosa; Patrícia M. A. Silva; Hassan Bousbaa; Odília Queirós; Madalena Pinto; Honorina Cidade; Maria Elizabeth Tiritan. "Synthetic chiral derivatives of flavones as new potential antitumor agents". Trabalho apresentado em X Symposium Medicinal Chemistry Young Researchers, 2024

11. Daniela Pereira, Patrícia M. A. Silva, João P.N. Silva, Henrique Assunção, Hassan Bousbaa, Honorina Cidade. "Chalcone derivatives as potential antimetastatic agents: synthesis and antitumor screening assays." XXVIII ENCONTRO GALEGO PORTUGUÉS DE QUÍMICA. 2024
12. Roufneau M, Silva JPN, Bousbaa H, Delgado L, Warnakulasuriya S, Silva PMA, Monteiro L. "Combining Curcumin and Paclitaxel to induce oral cancer cell death: an in vitro study." X International Symposium. 20 years advances in Oral Cancer, Bilbao, Spain. June 2024
13. Cardoso C, Moura L, Gonçalves A, Pinho T "Expansão Rápida Maxilar em crianças com Síndrome de Apneia Obstrutiva do Sono" E-Poster apresentado nas XXXII Jornadas Científicas do Curso de Medicina Dentária do Instituto Universitário de Ciências da Saúde – CESPU, no Porto Palácio Hotel no dia 09 de abril de 2024.
14. Fernandes L, Coelho C, Gonçalves A "Modified C Palatal Plates (MCPs) – são uma opção viável no tratamento ortodôntico?" E-Poster apresentado nas XXXII Jornadas Científicas do Curso de Medicina Dentária do Instituto Universitário de Ciências da Saúde – CESPU, no Porto Palácio Hotel no dia 09 de abril de 2024.
15. Coelho M, Rocha E, Monteiro F, Gonçalves A, Pinho T. "Non-surgical techniques for accelerating orthodontic tooth movement in fixed appliances and aligners: a systematic review" E-Poster apresentado nas XXXII Jornadas Científicas do Curso de Medicina Dentária do Instituto Universitário de Ciências da Saúde – CESPU, no Porto Palácio Hotel no dia 09 de abril de 2024.
16. Pree K, Gonçalves A, Monteiro F. "Impact of conventional orthodontic appliances VS aligners on periodontal health." E-Poster apresentado nas XXXII Jornadas Científicas do Curso de Medicina Dentária do Instituto Universitário de Ciências da Saúde – CESPU, no Porto Palácio Hotel no dia 09 de abril de 2024.
17. Moreira C, Gonçalves A, Lobo AP "Aplicação da Inteligência Artificial no diagnóstico de cárie em Odontopediatria." E-Poster apresentado nas XXXII Jornadas Científicas do Curso de Medicina Dentária do Instituto Universitário de Ciências da Saúde – CESPU, no Porto Palácio Hotel no dia 09 de abril de 2024.
18. Gaspar, M., Rodrigues, T., Nunes, A.R., Garcez, F., Ricardo, S., Batista-Pinto, C., Resende, A.D. (2024). Omentum picture: unraveling the enigma of the immune microenvironment in appendicitis scenario. III 1H-TOXRUN International Congress 2024. No Boundaries for Toxicology: One Health, One Society, One Planet. Scientific Letters, 1(Sup 1): P15. <https://doi.org/10.48797/sl.2024.173>.
19. Resende, A.D., Rocha, E., Lobo-da-Cunha, A. (2024). Subcellular distribution of some purine catabolism enzymes in brown trout (*Salmo trutta*) liver. III 1H-TOXRUN International Congress 2024. No Boundaries for Toxicology: One Health, One Society, One Planet. Scientific Letters, 1(Sup 1): P79. <https://doi.org/10.48797/sl.2024.196>.

20. Avaliação da resistência à corrosão de Mini-Implantes de Liga Ti-6AL-4V em saliva artificial – Estudo in-vitro" Ana Catarina Oliveira, Joana Silva, Sofia Sousa-Santos, Beatriz dos Santos, Sofia Ferreira e Primavera Sousa-Santos - XXX Congresso da Sociedade Portuguesa de Ortodontia, 24-26 Outubro 2024, Porto, Portugal.
21. "Eficácia dos alinhadores transparentes na camuflagem classe III esquelética: Revisão sistemática" Cíntia Queiros, Mariana Azevedo, Ana Oliveira, Sofia Sousa-Santos, Selma Pascoal, Aline Gonçalves, Primavera Sousa-Santos- XXX Congresso da Sociedade Portuguesa de Ortodontia, 24-26 Outubro 2024, Porto, Portugal.
22. "Temas de dissertação de Mestrado Integrado em Medicina Dentária na área da Ortodontia no IUCS" Mariana Azevedo, Cíntia Queiros, Ana Oliveira, Sofia Sousa-Santos, Selma Pascoal, Aline Gonçalves, Primavera Sousa-Santos, Teresa Vale- XXX Congresso da Sociedade Portuguesa de Ortodontia, 24-26 Outubro 2024, Porto, Portugal.
23. "Fatores influenciadores da estabilidade primária dos mini-implantes aço vs titânio" Mafalda Oliveira, Mafalda Ribeiro, Ana Oliveira, Primavera Sousa-Santos, XXXII Jornadas de Ciências Dentárias do IUCS, 9 abril 2024, Porto, Portugal
24. "Avaliação da deformação nos mini-implantes aço vs titânio" Regina Souto, Rafaela Costa, Ana Oliveira, Primavera Sousa-Santos, XXXII Jornadas de Ciências Dentárias do IUCS, 9 abril 2024, Porto, Portugal
25. "Avaliação da superfície de mini-implantes de liga titânio: inserção manual sem furo piloto VS inserção com contra-ângulo e manual com furo piloto em osso suíno", Antonio Gammone, Ana Oliveira, Primavera Sousa-Santos, XXXII Jornadas de Ciências Dentárias do IUCS, 9 abril 2024, Porto, Portugal
26. "Influência do Diâmetro dos Mini-Implantes Ortodônticos na Estabilidade Primária: Ensaio de Flexão Protocolo para um Estudo in Vitro" Catarina Sousa-Santos, Rafael Costa, Sofia Sousa-Santos, José Manuel Mendes, Carlos Coelho, Joana Mendes, Primavera Sousa-Santos, XXXII Jornadas de Ciências Dentárias do IUCS, 9 abril 2024, Porto, Portugal
27. "Efeito dos colutórios com clorexidina e fluoreto de sódio nos mini-implantes de liga de titânio" Lamiae Es-Samti, Dantoing, Ana Oliveira, Primavera Sousa-Santos, XXXII Jornadas de Ciências Dentárias do IUCS, 9 abril 2024, Porto, Portugal
28. E-Poster "Expansão Rápida Maxilar em crianças com Síndrome de Apneia Obstrutiva do Sono" nas XXXII Jornadas Científicas do Curso de Medicina Dentária do Instituto Universitário de Ciências da Saúde – CESPU, no Porto Palácio Hotel no dia 09 de abril de 2024.

29. E-Poster “Modified C Palatal Plates (MCPPs) – são uma opção viável no tratamento ortodôntico?” nas XXXII Jornadas Científicas do Curso de Medicina Dentária do Instituto Universitário de Ciências da Saúde – CESPU, no Porto Palácio Hotel no dia 09 de abril de 2024.
30. E-Poster “Non-surgical techniques for accelerating orthodontic tooth movement in fixed appliances and aligners: a systematic review” nas XXXII Jornadas Científicas do Curso de Medicina Dentária do Instituto Universitário de Ciências da Saúde – CESPU, no Porto Palácio Hotel no dia 09 de abril de 2024.
31. E-Poster “Impact of conventional orthodontic appliances VS aligners on periodontal health.” nas XXXII Jornadas Científicas do Curso de Medicina Dentária do Instituto Universitário de Ciências da Saúde – CESPU, no Porto Palácio Hotel no dia 09 de abril de 2024.
32. E-Poster “Aplicação da Inteligência Artificial no diagnóstico de cárie em Odontopediatria.” nas XXXII Jornadas Científicas do Curso de Medicina Dentária do Instituto Universitário de Ciências da Saúde – CESPU, no Porto Palácio Hotel no dia 09 de abril de 2024.

#### Cursos Avançados/Seminários:

1. Hassan Bousbaa. Advanced Course in Oncobiology (Coordination and Teaching). PhD Programme in Biomedical Sciences IUCS-CESPU.
2. Andrea Cunha. Advanced Course in Oncobiology (Teaching). PhD Programme in Biomedical Sciences IUCS-CESPU.
3. Andrea Cunha. Advanced Course in Oncobiology (Teaching). PhD Programme in Biomedical Sciences IUCS-CESPU.
4. Diana Sousa, UCP-FMD; Unit for Multidisciplinary Research in Biomedicine (UMIB)-ICBAS. Seminar: Insights about tumor derived-extracellular vesicles (EVs). (Anfitriã: Ana Cristina Pereira). PhD Programme in Biomedical Sciences IUCS-CESPU.
5. Cristina Pinto Ribeiro Xavie, Associate Laboratory i4HB - IUCS-CESPU; UCIBIO, IUCS-CESPU (1H-TOXRUN, IUCS-CESPU); i3S–UP. Seminar: Chitinase 3-like 1: a promising therapeutic target in pancreatic cancer. (Anfitriã: Flávia Barbosa). PhD Programme in Biomedical Sciences IUCS-CESPU.

#### Organização de Eventos:

1. Aline Gonçalves: Integrou a comissão organizadora do XXIX Congresso da Sociedade Portuguesa de Ortodontia, que se realizou nos dias 26 a 28 de outubro de 2023 Centro de Congressos Taguspark | Lisboa – Oeiras
2. Aline Gonçalves: Integrou a comissão organizadora do V Simpósio da Sociedade Portuguesa de Ortodontia, que decorreu no dia 16/03/2024, no auditório da CESPU-IUCS
3. Mónica Cardoso. II Jornadas Científicas de Prótese Dentária "Tecnologias Digitais na Prótese Dentária", Gandra, IPSN. 12/07/2024 (Member of the Organizing Committee).
4. Mónica Cardoso. II Jornadas Científicas de Prótese Dentária "Tecnologias Digitais na Prótese Dentária", Gandra, IPSN. 12/07/2024 (Member of the Scientific Committee).
5. Mónica Cardoso. XXXII Jornadas de Medicina Dentária do IUCS "Medicina Dentária Digital – uma Nova Era", Porto, 09/04/2024 (Member of the Scientific Committee).
6. Hassan Bousbaa. PhD Day workshop. PhD Programme in Biomedical Sciences IUCS-CESPU. (President of the Organizing Committee).
7. Hassan Bousbaa. Communicating Sciences. PhD Programme in Biomedical Sciences IUCS-CESPU. (President of the Organizing Committee).
8. IV Jornadas de Ciências Biomédicas do IUCS “Infeciologia: uma abordagem Biomédica”, 10 de abril de 2024. Comissão Científica
9. III 1H-TOXRUN International Congress 2024. No Boundaries for Toxicology: One Health, One Society, One Planet “The big challenges for the 21st century”, 2 e 3 de maio de 2024. Comissão Organizadora
- 10.IV 1H-TOXRUN International Congress 2024. No Boundaries for Toxicology: One Health, One Society, One Planet “Empowering the future generations: the synergy of science, education and society”, 8 e 9 de maio de 2025. Comissão Organizadora
- 11.Primavera Sousa-Santos. V Simpósio da Sociedade Portuguesa de Ortodontia. 2024. (President of the Organizing Committee)
- 12.Primavera Sousa-Santos. XXX Congresso da Sociedade Portuguesa de Ortodontia. 2024. (Organizing Committee Member)

Other:

1. Primavera Sousa-Santos. Presidente da Sociedade Portuguesa de Ortodontia desde outubro de 2024

# UNIPRO Highlights 2024



## UNIPRO HIGHLIGHTS 2024

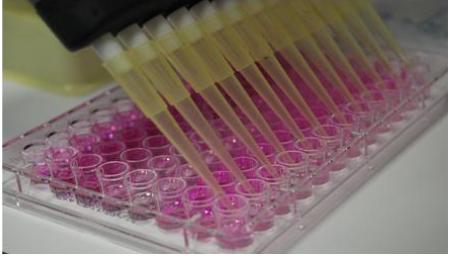
Call of the FCT Evaluation of R&D Units 2023-2024 (<https://www.fct.pt/en/avaliacao-das-unidades-de-id-2023-2024/>)



Restructuring and Adaptation of UNIPRO Laboratories (<https://unipro.iucs.cespu.pt/?q=content/facilities-and-services>)

UNIPRO has now 4 specialized Labs:

Lab. 1, Cell and Molecular Biology and Histopathology



Lab. 2, Cell Culture & Advanced Microscopy



Lab. 3, Oral Rehabilitation and Prosthodontics Research (LIROP)



Lab. 4, Clinical Research Hub



UNIPRO Support Office

