



1H-TOXRUN ACTIVITY REPORT

2024

ACTIVITY REPORT

2024

Edited by:

1H-TOXRUN – Unidade de Investigação em Toxicologia & Uma Só Saúde

Public version of the activity report is available at:

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

Report compiled based on the information gathered:

- PubMed and SCOPUS (affiliation TOXRUN, publication date between 01/01/2024 and 31/12/2024)

- provided by researchers.



TABLE OF CONTENTS

TABLE OF CONTENTS.....	3
1. OVERVIEW.....	6
1.1. DESCRIPTION AND MISSION.....	6
1.2. GOVERNANCE.....	7
2. RESEARCH LABs.....	9
2.1. TRANSLATIONAL TOXICOLOGY LAB.....	10
2.2. TOXICOLOGIC PATHOLOGY LAB.....	11
2.3. FORENSIC SCIENCES LAB.....	12
3. 1H-TOXRUN IN NUMBERS.....	14
4. PUBLICATIONS.....	19
4.1. BOOKS AND BOOK CHAPTERS.....	19
4.2. EDITORIALS.....	20
4.3. REVIEWS.....	21
4.4. ARTICLES.....	27
5. RESEARCH PROJECTS.....	41
5.1. SUBMITTED APPLICATIONS.....	41
5.1.1. Call for Projects.....	41
5.1.2. Individual Calls.....	45
5.2. FUNDED PROJECTS.....	46
5.2.1. With Internal Funding.....	46

5.2.2. With National External Funding (FTC, other).....	48
5.2.3. With International Funding.....	50
6. SUPERVISION/CO-SUPERVISION OF STUDENTS	52
6.1. SUPERVISION/CO-SUPERVISION OF PhD THESIS.....	52
6.1.1. Concluded.....	52
6.1.2. Ongoing.....	52
6.2. SUPERVISION/CO-SUPERVISION OF MSc DISSERTATIONS.....	56
6.2.1. Concluded.....	56
6.2.2. Ongoing.....	59
6.3. SUPERVISION/CO-SUPERVISION OF UNDERGRADUATE STUDENTS.....	62
6.3.1. Concluded.....	62
6.3.2. Ongoing.....	64
6.4. SUPERVISION/CO-SUPERVISION OF STUDENTS FROM ERASMUS OR OTHER EXCHANGE PROGRAMS	66
7. ENGAGEMENT IN EDITORIAL AND ARTICLE REVIEW ACTIVITIES FOR SCIENTIFIC JOURNALS	68
7.1. EDITORIAL BOARD MEMBERS IN SCIENTIFIC JOURNALS.....	68
7.2. EDITING OF SPECIAL ISSUES IN SCIENTIFIC JOURNALS.....	69
7.3. SCIENTIFIC JOURNAL REVIEWER.....	71
8. SCIENCE AND SOCIETY.....	73
8.1. OUTREACH ACTIVITEIS.....	73
8.2. MEDIA.....	75
9. HIGHLIGHTS	78

OVERVIEW

1. OVERVIEW

1.1. DESCRIPTION AND MISSION

The **TOXRUN** was initially established in 2021 as an interdisciplinary research center under IUCS-CESPU, with a clear focus on toxicology and health sciences. Given its multidisciplinary nature and the growing relevance of the One Health approach, the unit was rebranded in 2023 as **1H-TOXRUN (One Health Toxicology Research Unit)**. This new name reflects the integration of human, animal, and environmental health into a holistic and collaborative framework, which has become increasingly essential in global health research. The 1H-TOXRUN operates with a well-defined organisational structure, producing a wealth of scientific output characterised by excellence. The One Health concept is patented within the 1H-TOXRUN organization and constitution, as it gathers researchers from all the main transdisciplinary areas of knowledge, such as biology, human health, veterinary, toxicology, and chemistry, just to mention some examples.

The mission of 1H-TOXRUN is to generate cutting-edge, scientifically robust knowledge with societal impact, fostering technological development, knowledge transfer, and ensuring healthy and sustainable living environments. Through collaboration with numerous institutions, the unit aims to produce relevant research that addresses current health challenges while also promoting the education and training of young scientists. It is committed to informing society about the value of scientific research and its economic impact while contributing to the creation of healthier lives and a more sustainable planet.

In 2024, **1H-TOXRUN** became part of **UCIBIO** (Unit for Research in Bioactive Chemistry and Biotechnology) as part of the [FCT Evaluation of R&D Unit 2023-2024 process](#) (which is still under evaluation). This integration brought three specialised research laboratories under its wing: the [Forensic Sciences Lab](#), the [Toxicologic Pathology Lab](#), and the [Translational Toxicology Lab](#). These laboratories enhance the unit's capabilities and further consolidate its position as a leading research center with a multidisciplinary and global health mission.

1.2. GOVERNANCE

Under the IUCS-CESPU, the governance (Figure 1) of 1H-TOXRUN is organised as follows:

- [Director](#) – Ricardo Dinis-Oliveira
- [Management Board](#) – Ana Raquel Freitas, Áurea Carvalho, Cláudia Ribeiro, Inês Caldas, Ricardo Dinis-Oliveira, Sara Ricardo
- [Scientific Council](#) – all PhD integrated members
- [Advisory Committee](#) - Hassan Bousbaa, Vítor Seabra

The 1H-TOXRUN is supported by several dedicated offices, each focused on improving research and its wider impact. These include the [Bibliometric & Funding Support Office](#), [Data Science Office](#) and the [Office of Communication and Public Engagement](#). Their main objectives are:

- Managing and sharing scientific metrics: Monitoring, analysing and publishing research output metrics and key data from affiliated research centres.
- Raising the visibility of research: Promoting scientific discoveries and ongoing projects across multiple platforms, with a focus on maximising outreach through social media.
- Media relations: Working with the Communications and Marketing Department to raise public awareness of research and development activities through the media.

Together, these offices play an essential role in ensuring a coordinated approach to the dissemination, impact and visibility of 1H-TOXRUN's research initiatives.

In addition to its own Offices, the 1H-TOXRUN also takes advantage of CESPU transversal specialized services, namely the Projects Supporting Office, Financial, Human Resources, Logistic, and Informatics Departments, the Quality Assurance Services and Communication and Image Offices to provide all the required technical and administrative support.

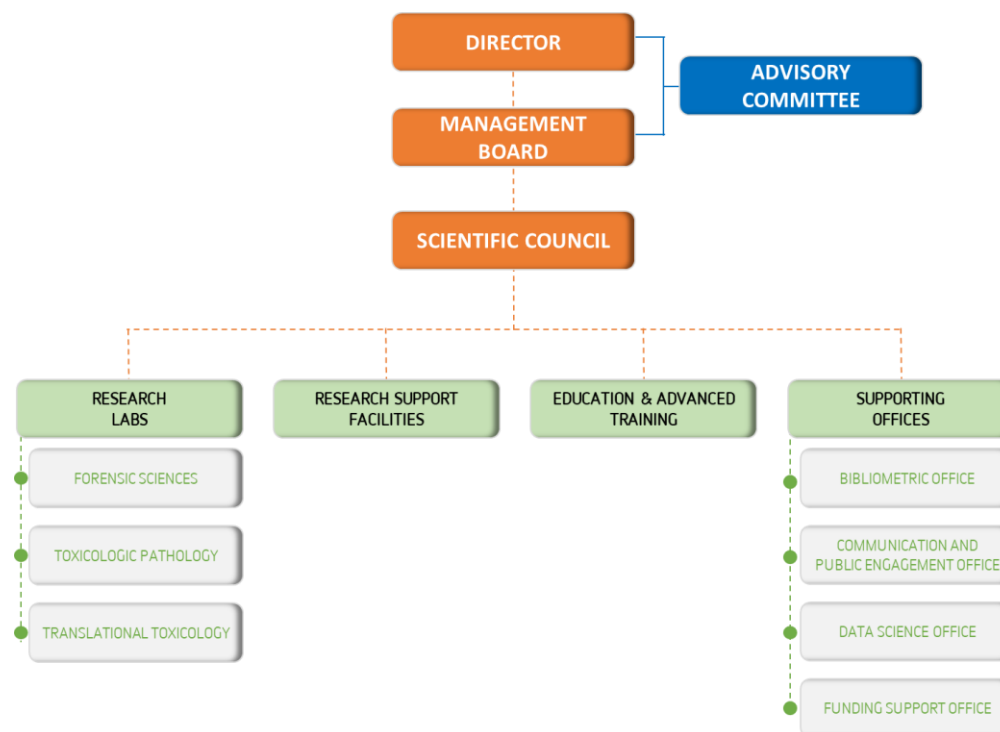


Figure 1. 1H-TOXRUN Governace.

RESEARCH LABs

2. RESEARCH LABs

Research at 1H-TOXRUN is structured in an interdisciplinary way, spread across three laboratories, each specialising in different areas and fields of study. Although each laboratory has its own specialisation and specific focus, there is a continuous interconnection between them, promoting close collaboration and the sharing of knowledge and resources. This organisational model facilitates an integrated and complementary approach, where different areas of expertise come together to conduct research in a more effective and innovative way. Thus, research at 1H-TOXRUN is carried out in a synergistic manner, harnessing the collective potential of its teams, which are distributed across the following laboratories:

Lab 1 - Translational Toxicology Lab

Lab 2 - Toxicologic Pathology Lab

Lab 3 - Forensic Sciences Lab

2.1. TRANSLATIONAL TOXICOLOGY LAB



Mission

The main research objectives are to study the chemical, biological and toxicological mechanisms of biologically active molecules, and to develop analytical methods for analyzing pharmaceuticals, pesticides, psychoactive substances and other xenobiotics and endobiotics. To this end, the Translational Toxicology Lab brings together researchers from different areas of expertise, namely chemistry, biochemistry, forensics, and microbiology.



tt-ucibio-1htoxrun@iucs.cespu.pt



[Webpage](#)

Team Leader

Ricardo Dinis Oliveira

PhD Integrated

Alexandra Sofia Moreira Amendolia da Costa Maia
Ana Isabel Pacheco Teixeira
Ana Raquel Pinho Freitas Fernandes
Ana Rita De Sousa Santos
Bruno Miguel Raposo Távora de Barros Peixoto
Célia Fortuna Rodrigues
Cláudia Maria Rosa Ribeiro
Daniel José da Costa Barbosa
Eduarda Marlene Peixoto da Silva
Guillaume Laurent Erny
Joana Correia Prata
José Alberto Ramos Duarte
José Carlos Leitão Portugal Nunes
José Carlos Márcia Andrade
Juliana da Conceição Fernandes de Faria
Maria Carolina Rocha e Pinho Pereira
Maria dos Prazeres da Silva Gonçalves
Maria Inês Pádua Correia dos Santos Silva

Maria Joana Almeida Rodrigues Barbosa
Ricardo Jorge Dinis Oliveira
Vitor Manuel Fernandes Seabra da Silva

PhD Collaborator

Alexandre Nuno Vaz Batista De Vieira E Brito
Ana Catarina Marques Gomes Tavares
Ana Isabel Carvalho Teixeira
António Bartolomeu Jácomo Ferreira
Áurea Rosa Nunes Pereira Lima
Carla Isabel Silva Miranda
Carlos Jorge Azevedo Costa Ribeiro
Joaquim António Faria Monteiro
Maria Elizabeth Tiritan
Nelson Gonçalo Mortágua Gomes
Nuno Jorge da Silva Pereira Milhazes
Patrícia Alexandra Pacheco Ferreira Barradas
Sara Sofia Fernandes de Lima
Sónia Marisa Rodrigues Machado
Teresa Raquel Guerra Barroso

PhD Student

Ana Sofia Agonia Ferreira

Andreia Machado Brito da Costa
António Miguel Sousa Rajão
Ariana Isabel Pérez Pereira
Carla Patrícia Penelas da Costa
Carlos David Ochoa Palorca Costa Leite
Ivan Marcelino Langa
Maria Bernardes André
Maria das Neves Imaculada Pereira Jardim
Maria de Almeida Mexia de Almeida
Marie Odilie Madeleine Maziere
Mariana Sofia Silva Carvalho
Oswaldo António Kiende Lourenço
Sónia Vilar Gomes de Sá

MSc Student

Albertina de Jesus Mendes Capita
Ana Rita de Jesus Ribeiro Fortes Morais
Ana Rita Teixeira Carvalho
Beatriz Maria Pinto Senra
Cristina Alexandra da Silva Mendes
Jéssica Leonarda Gaspar Lucala
Maria João Teixeira
Mariana Torres Portugal Ramirez

Research Assistante

Patrícia Manuela Areias da Silva
Virgínia Maria Ferreira Gonçalves

Other Collaborators

Andreia Patrícia Silva Oliveira (PhD)
Ângela Patrícia Da Silva Novais Amorim (PhD)
Carla Susana Meireles Coimbra (PhD)
Carmen Maribel Teixeira (PhD)
Helena Maria Maia Real (PhD)
Isabel Maria Pereira Monteiro Castro Ribeiro (PhD)
José Manuel Lopes Teixeira Amarante (PhD)
Maria Raquel Soares Pacheco Esteves (PhD)
Rui Valdivieso De Miranda Santa (PhD)
Catarina Pereira Teixeira (PhD Student)
Ondina Isabel Martins Ribeiro (PhD Student)
Sara Andreia Monteiro da Silva (PhD Student)
Ana Cristina do Espírito Santo Henriques (PhD)
André Ricardo Tomás dos Santos A. Pereira (PhD)
Cristian Soares Cardoso (MSc Student)

2.2. TOXICOLOGIC PATHOLOGY LAB



Mission

The Toxicologic Pathology Lab aims to understand the morpho-functional changes and molecular mechanisms of injury produced in cells, tissues, organs, or body fluids in response to toxic substances, whether xenobiotic (extrinsic to an organism) or endobiotic (produced by an organism). Our research team gathers researchers from different backgrounds focused on understanding disease morphological footprints upon xenobiotic or endobiotic exposure, evaluating drug cytotoxicity and mechanisms of drug resistance, assessing the potential of new toxic substances for disease prevention and therapy, and finding predictive biomarkers of toxicologic injury.



tp-ucibio-1htoxrun@iucs.cespu.pt



[Webpage](#)

Team Leader

Sara Alexandra Vinhas Ricardo

PhD Integrated

Ana Filipa Fernandes Ferreira Sobral
Cristina Pinto Ribeiro Xavier
Graça Maria Figueiredo Casal
Maria Begoña Criado
Maria do Céu Rodrigues Monteiro
Sandra Carla Ferreira Leal

Sara Alexandra Vinhas Ricardo
Sofia João dos Santos Nogueira

PhD Collaborator

Albina Dolores Cardoso da Silva Castro Resende
Alexandra Mónica Bastos Viana Costa
Carla Maria de Carvalho Batista Pinto
Kristof René Gerarda Raemdonck
Luís Bernardo Tavares de Pina Cabral
Maria João Garrett S. de Sottomayor Neuparth
Paolo De Marco

Sandra Maria Basilio Quinteira

PhD Student

Ana Catarina Pinto de Sousa
António Augusto Melo Ferraz
Diana Luísa de Almeida Nunes
Jéssica Dayane Oliveira Fonseca
José Pedro dos Santos Neves
Márcio Teodoro da Costa Gaspar

Other Collaborators

Cláudia Santos (MSc Student)
Érica Oliveira (MSc Student)
Susana Isabel Ferreira da Silva de Sá (PhD)
Mariana Nunes (PhD Student)

2.3. FORENSIC SCIENCES LAB



Mission

Forensic Sciences Lab stands as a source of innovation and discovery, serving as a dynamic hub for scientists dedicated to pushing the boundaries of knowledge in Forensic Science research.

At the heart of the lab's success is its collaborative ethos. Interdisciplinary teams of researchers, academics, and industry partners work together, fostering cross-disciplinary exchange and synergy. With state-of-the-art facilities and commitment to societal impact, the lab uncovers new insights primarily within forensic investigation.

Its research holds profound implications for scientific progress and societal well-being, shaping the future and making a meaningful difference. It underscores the pivotal role of Forensic Science in societal welfare, focusing on human identification, health impacts, and justice delivery. We aim to enhance crime resolution, protect public health, and ensure justice by harnessing several forensic techniques. This approach solves crimes and champions public safety and rights, significantly aligning scientific innovation with societal well-being.

In addition to our scientific endeavors, our research lab is deeply committed to science communication and public engagement. We regularly host interactive workshops and public lectures to demystify complex scientific concepts and foster science literacy among diverse audiences.



fbs-ucibio-1htoxrun@iucs.cespu.pt



[Webpage](#)

Team Leader

Áurea M. Madureira e Carvalho
Inês A. Costa de Morais Caldas

PhD Integrated

Alexandra Sofia Pereira Teixeira
Áurea Marília Madureira e Carvalho
Cristina Maria Cavadas Morais Couto
Daniel Pérez Mongiovi
Inês Alexandra Costa de Morais Caldas

Maria Manuela Martins Oliveira
Rui Miguel Simões de Azevedo

PhD Collaborator

Daniel Fernando Machado Folha
Diana Cristina Dias da Silva

PhD Student

Ana Carolina Morgado Faria
Ângela Raquel Silva Bessa
Juliandra Mariana Salumbo André

Luis Miguel Marques Fernandes
Maria Rita Branco Garcia
Silvina Maria Marques Moura
Vânia Raquel da Cunha Monteiro

MSc Student

Ângela Maria Viana Viana Cruz
Beatriz Isabel da Silva Lopes
Diana Cunha Fernandes
Diogo Alexandre Marques Ferreira
Ema Alexandra da Conceição Ferreira

Mariana Almeida Lopes
Rui Xavier Freire
Sandra Maria Cerdeira de Campos Costa
Valter Bernardo Francisco

Other Collaborators

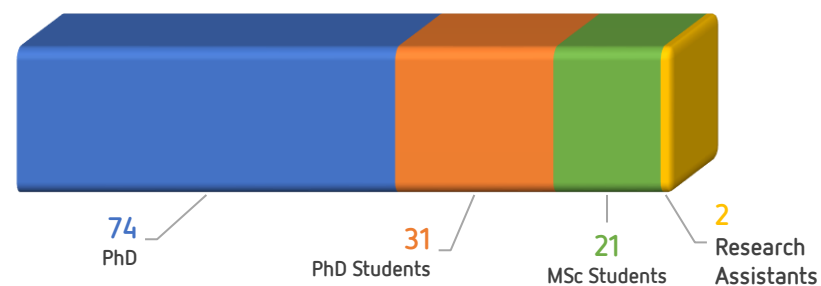
Teresa Maria Salgado de Magalhães (PhD)
João Valério Solundo António (MSc Student)

1H-TOXRUN IN NUMBERS

3. 1H-TOXRUN IN NUMBERS

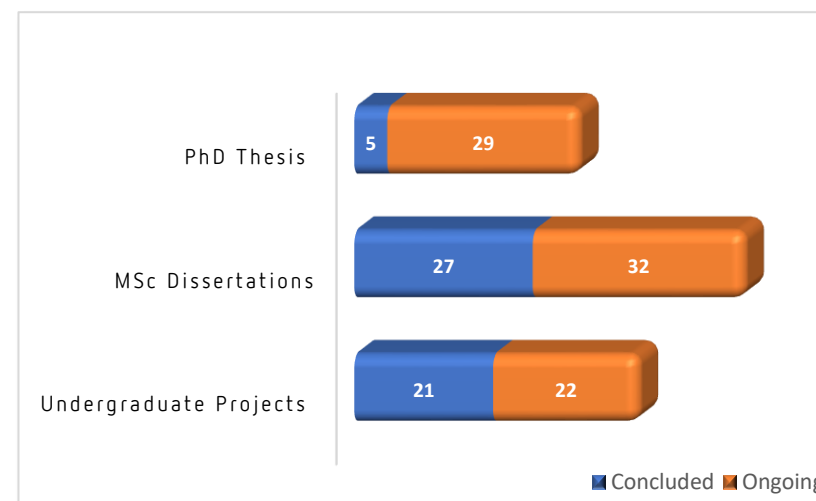
PEOPLE

	Number
PhD	74 (36 Integrated; 25 Collaborator; 13 Other)
PhD Students	31 (27 Integrated; 4 Other)
Master Students	19 (17 Integrated; 2 Other)
Research Assistants	2



ADVANCED TRAINING

	Number
PhD Thesis Concluded	5
PhD Thesis Ongoing	29
MSc Dissertations Concluded	27
MSc Dissertations Ongoing	32
Undergraduate Projects Concluded	21
Undergraduate Projects Ongoing	22



SCIENTIFIC PUBLICATIONS

	Number
Scientific Publications	
Book and Book Chapter	7
Editorial	7
Review	49
Article	111
TOTAL OF SCIENTIFIC PUBLICATIONS	174

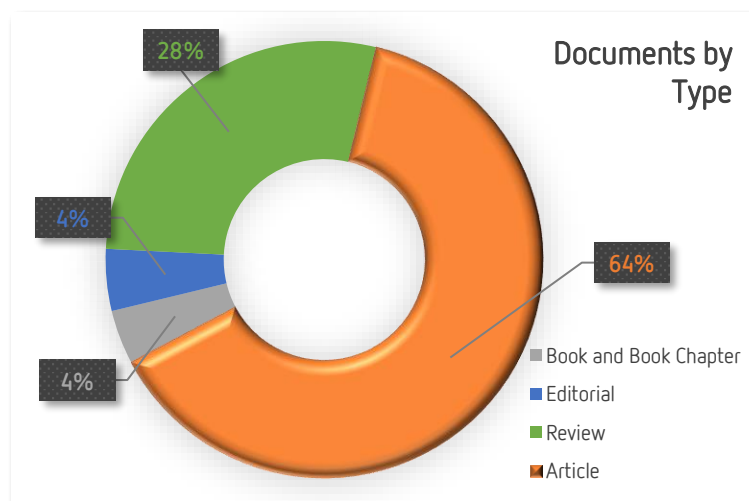


Figure 2. Percentage of 1H-TOXRUN publications by Document Type.

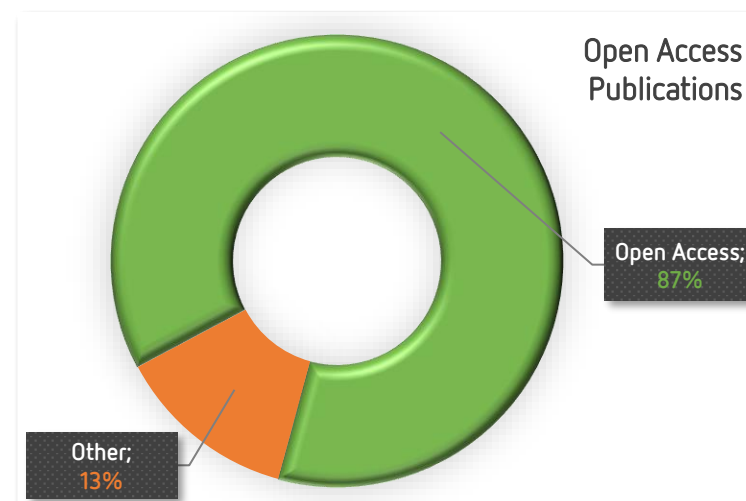


Figure 3. Percentage of 1H-TOXRUN Open Access publications.

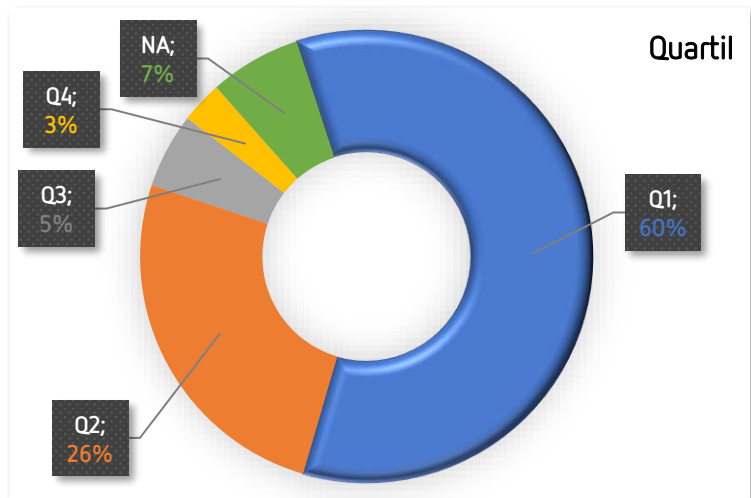


Figure 4. Percentage of 1H-TOXRUN publications by Quartil.

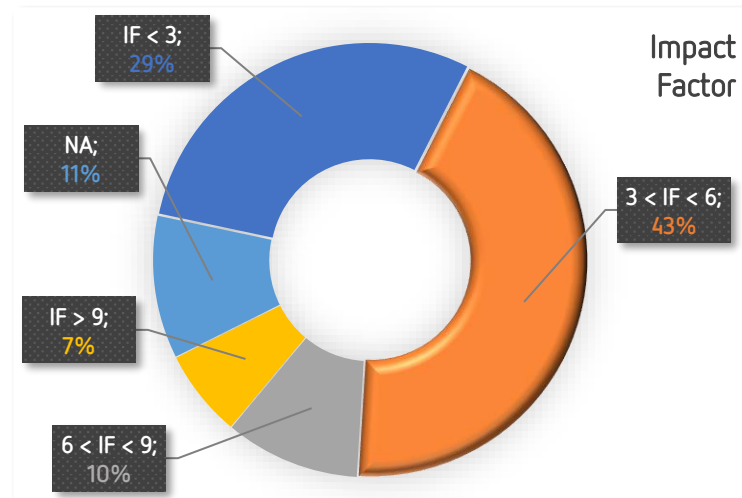


Figure 5. Percentage of 1H-TOXRUN publications by Impact Factor.

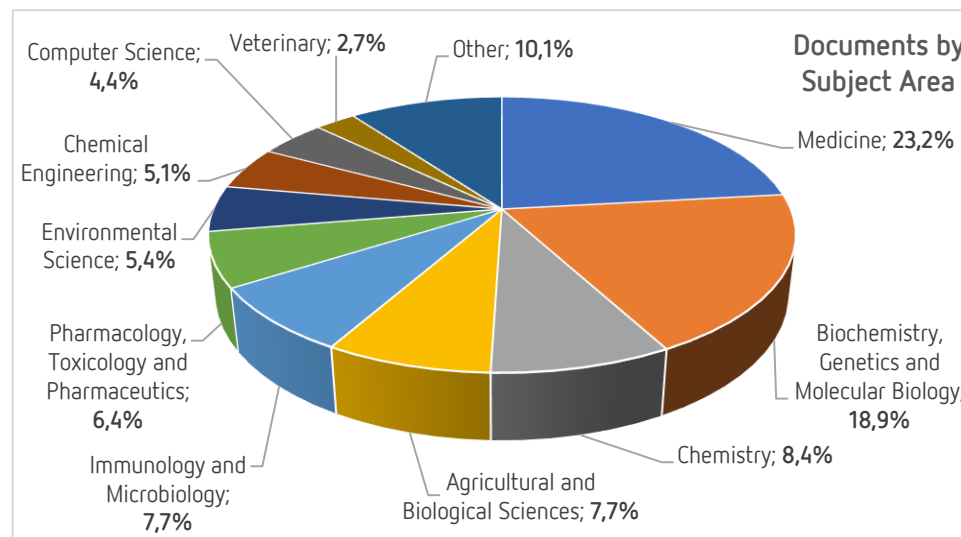


Figure 6. Percentage of 1H-TOXRUN publications by Subject Area. (extrated from Scopus, 06.02.2025)

RESEARCH PROJECTS

	Number
Research Projects	
Submitted	
Call for Projects*	30
Individual Call	2
Ongoing/Concluded	
With internal funding	18
With national external funding	22
With international funding	2

* Calls: "IC&DT" - Concurso de Projetos de IC&DT em Todos os Domínios Científicos 2023; "PEX" - Concurso de Projetos Exploratórios em Todos os Domínios Científicos 2023; "CEEC" - Concurso Estímulo ao Emprego Científico Individual - 7.ª Edição; "La Caixa" - CaixaImpulse Innovation 2024, CaixaResearch Health 2025.

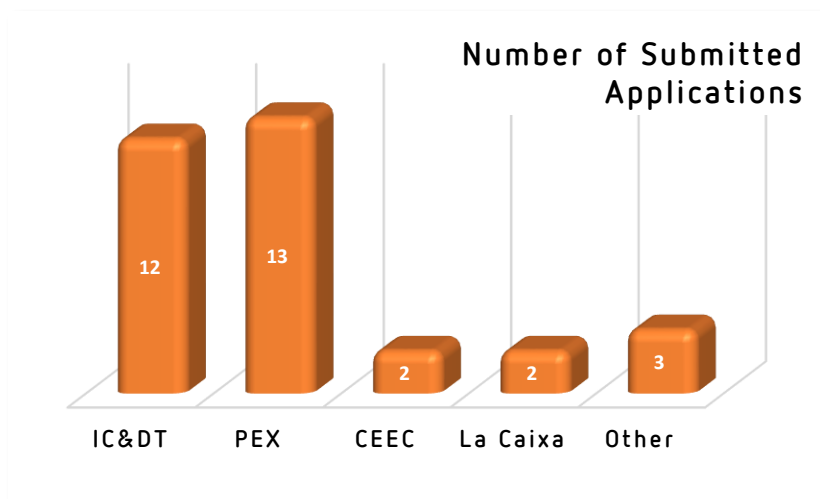


Figure 7. Number of submitted applications per program.

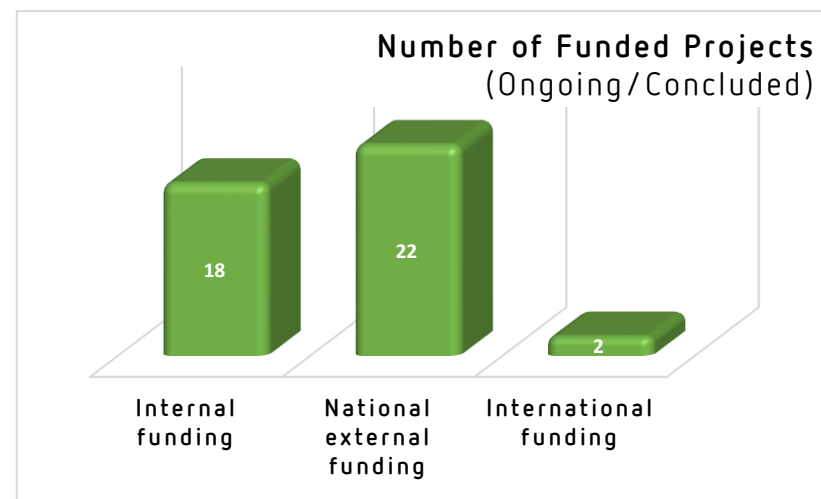


Figure 8. Number of funded projects ongoing/concluded.

PUBLICATIONS

4. PUBLICATIONS

4.1. BOOKS AND BOOK CHAPTERS

Reference	Url (ou DOI)	ISBN	Open Access
1. Moreira-Pais, A., Ferreira, R., Oliveira, P. A., Neuparth, M. J., Appell, H.-J., & Duarte, J. A. (2024). Glycolysis and skeletal muscle plasticity: lactate as a key signaling molecule. In Glycolysis (pp. 51–74). Elsevier.	https://doi.org/10.1016/B978-0-323-91704-9.00013-6	978-0-323-91704-9	NO
2. da Costa J.P., Gonçalves V. (2024). The steps of microplastic analysis and their consistency. In Analysis of Microplastics and Nanoplastics (pp. 81 – 114). Elsevier.	https://doi.org/10.1016/B978-0-443-15779-0.00014-6	978-044315779-0, 978-044315780-6	NO
3. Pérez-Pereira A., Carrola J.S., Ribeiro C., Tiritan M.E. (20254). Fundamentals of chirality: Enantioselective behavior and ecotoxicity of environmental chiral pollutants. In Comprehensive Analytical Chemistry. Elsevier B.V.	https://doi.org/10.1016/bs.coac.2024.11.007	0166526X	NO
4. Carlos Gonçalves: Cristina Couto; Maria Augusta Sousa (2024). A Profissão Farmacêutica, Capítulo XII O Farmacêutico e as Análises Hidrológicas e Ambientais. Repositório Científico da Universidade do Algarve	https://doi.org/10.34623/h87y-1619	978-989-9127-37-1	YES
5. Prata, J.C., da Costa, P.M., As abelhas melíferas como parte integrante do conceito de One Health (2024) In One Health - Uma Saúde: Uma contribuição da Universidade (pp. 97 - 110). U.Porto Press.	--	978-989-746-389-1	NO
6. Franchini, B., Jácomo, A., Literacia alimentar e nutricional: do(s) conceito(s) à responsabilidade pessoal. In: Ética Aplicada, ed. 70, 2024.	--	--	--
7. Jácomo A., et al., "Kant e a Bioética: fundamentos e implicações da Autonomia", in: Pensamento Kantiano, Roma, IF Press, 2024, Capítulo 5º, no prelo.	--	--	--

4.2. EDITORIALS

Reference	Url (ou DOI)	Journal	Impact Factor	Quartile	Open Access
1. Barbosa D.J., Barbosa J., Souza-Fagundes E.M., Silva P.M.A. (2024) Editorial: The (un)desirability of cell death in health and disease: emerging modulators and their mechanisms. <i>Frontiers in Cell and Developmental Biology</i> , 12:1523293	https://doi.org/10.3389/fcell.2024.1523293	Front. Cell Dev. Biol.	4.6	1	YES
2. Dinis-Oliveira R.J. (2024). Preface. <i>Current Drug Research Reviews</i> , 16 (1), pp. 1	10.2174/258997751601230903010232	Current Drug Research Reviews	1.1	3	YES
3. Krznaric, Vranešić Bender D., Blažič Kovač M., Cuerda C., van Ginkel-Res A., Hiesmayr M., Marinho A., Mendive J., Monteiro I., et al (2024). Clinical nutrition in primary care: ESPEN position paper. <i>Clinical Nutrition</i> , 43 (6), pp. 1678 - 1683	https://doi.org/10.1016/j.clnu.2024.02.017	Clinical Nutrition	6.6	1	YES
4. Miranda C. (2024). Antimicrobial Usage Monitoring Systems and Stewardship of Antimicrobials in Animal Health. <i>Animals</i> , 14 (22):3325	https://doi.org/10.3390/ani14223325	Animals	2.7	1	YES
5. Prata J.C. (2024). Plastic Pollution: Challenges and Innovative Solutions. <i>Environments - MDPI</i> , 11 (12), art. no. 271	https://doi.org/10.3390/environments11120271	Environments	3.5	2	YES
6. Teh C.S.J., Hristova K.R., Freitas A.R. (2024). Editorial: Women in antimicrobials, resistance and chemotherapy: 2023. <i>Frontiers in Microbiology</i> , 15:1463728	https://doi.org/10.3389/fmicb.2024.1463728	Front. Microbiol.	4.0	1	YES
7. Zacca R., Castro F.A.D.S., Azevedo R.M.S. (2024) Riding the Digital Wave of Exercise, Health, and Sports Training Optimization. <i>Sports</i> , 12 (8), art. no. 203	https://doi.org/10.3390/sports12080203	Sports	2.2	2	YES

4.3. REVIEWS

Reference	Url (ou DOI)	Journal	Impact Factor	Quartile	Open Access
1. Aires I., Duarte J.A., Vitorino R., Moreira-Gonçalves D., Oliveira P., Ferreira R. (2024). Restoring Skeletal Muscle Health through Exercise in Breast Cancer Patients and after Receiving Chemotherapy. <i>International Journal of Molecular Sciences</i> , 25 (14), art. no. 7533	https://doi.org/10.3390/ijms25147533	International Journal of Molecular Sciences	4.9	1	YES
2. Allkja J., Roudbary M., Alves A.M.V., Černáková L., Rodrigues C.F. (2024). Biomaterials with antifungal strategies to fight oral infections. <i>Critical Reviews in Biotechnology</i> , 44 (6), pp. 1151 - 1163	https://doi.org/10.1080/07388551.2023.2236784	Critical Reviews in Biotechnology	8.2	1	NO
3. Almeida-Nunes D.L., Silvestre R., Dinis-Oliveira R.J., Ricardo S. (2024). Enhancing Immunotherapy in Ovarian Cancer: The Emerging Role of Metformin and Statins. <i>International Journal of Molecular Sciences</i> , 25 (1), art. no. 323	https://doi.org/10.3390/ijms25010323	International Journal of Molecular Sciences	4.9	1	YES
4. Antunes P., Novais C., Peixe L., Freitas A.R. (2024). Pet food safety: emerging bacterial hazards and implications for public health. <i>Current Opinion in Food Science</i> . 57. art. no. 101165	https://doi.org/10.1016/j.cofs.2024.101165	Current Opinion in Food Science	8.9	1	YES
5. Barbosa B.C., Carucci L., Coppola S., et al.. (2024). Ultra-processed foods, allergy outcomes and underlying mechanisms in children: an EAACI task force report. <i>Pediatr Allergy Immuno</i> .35:e14231.	https://doi.org/10.1111/pai.14231	Pediatric Allergy and Immunology	4.3	2	NO
6. Barbosa D.J., Carvalho C., Costa I., Silva R. (2024). Molecular Motors in Myelination and Their Misregulation in Disease. <i>Molecular Neurobiology</i>	https://doi.org/10.1007/s12035-024-04576-9	Molecular Neurobiology	4.6	1	YES
7. Bjørklund G., Cruz-Martins N., Goh B.H., Mykhailenko O., Lysiuk R., Shanaida M., Lenchyk L., Upyr T., Rusu M.E., Pryshlyak A., Shanaida V., Chirumbolo S. (2024). Medicinal Plant-derived Phytochemicals in Detoxification. <i>Current Pharmaceutical Design</i> . 30 (13). pp. 988 - 1015	DOI: 10.2174/1381612829666230809094242	Current Pharmaceutical Design	2.6	2	NO
8. Calheiros-Lobo M., Silva J.P.N., Pinto B., Monteiro L., Silva P.M.A., Bousbaa H. (2024). Exploring the Therapeutic Implications of Co-Targeting the EGFR and Spindle Assembly Checkpoint Pathways in Oral Cancer. <i>Pharmaceutics</i> . 16 (9). art. no. 1196	https://doi.org/10.3390/pharmaceutics16091196	Pharmaceutics	4.9	1	YES

9.	Chaves T., Azevedo Á., Caldas I.M. (2024). Cheiloscopy in sex estimation: a systematic review. Forensic Science. Medicine. and Pathology. 20 (1). pp. 280 - 292	https://doi.org/10.1007/s12024-023-00648-9	Forensic Science. Medicine and Pathology	1.5	2	YES
10.	Chaves. T., Azevedo. Á., & Caldas. I. M. (2024). Cheiloscopy in population affinity estimation: a systematic review. Australian Journal of Forensic Sciences. 1–16.	https://doi.org/10.1080/00450618.2024.2384426	Australian Journal of Forensic Sciences	0.8	2	NO
11.	Coimbra S., Rocha S., Sousa N.R., Catarino C., Belo L., Bronze-da-Rocha E., Valente M.J., Santos-Silva A. (2024). Toxicity Mechanisms of Gadolinium and Gadolinium-Based Contrast Agents—A Review. International Journal of Molecular Sciences. 25 (7). art. no. 4071	https://doi.org/10.3390/ijms25074071	International Journal of Molecular Sciences	4.9	1	YES
12.	Costa I., Maia, D., Dinis-Oliveira R.J., Barbosa D.J. (2024). New psychoactive substances: Health and legal challenges. Psychoactives. 3(2), 285-302.	https://doi.org/10.3390/psychoactives3020018	Psychoactives	--	--	YES
13.	Couto C.M. and Almeida A.A. (2024). Trace Element Speciation in the Environment: A MiniReview. Journal of Environmental Toxicology Research. 1(2):106.	DOI: 10.59462/JETR.1.2.106	Journal of Environmental Toxicology Research	--	--	YES
14.	da Costa J.M., Barroso T.G., Prata J.C. (2024). Research priorities in veterinary palliative care. Veterinary Journal. 306. art. no. 106184	https://doi.org/10.1016/j.tvjl.2024.106184	The Veterinary Journal	2.3	1	YES
15.	da Silva Lopes J.P., Barbosa J., Dinis-Oliveira R.J. (2024). Clinical and forensic aspects of potassium iodide: Suddenly in high demand across Europe due to fears of radiation poisoning from a nuclear attack in Ukraine. Basic and Clinical Pharmacology and Toxicology. 135 (3). pp. 250 - 270	https://doi.org/10.1111/bcpt.14052	Basic & Clinical Pharmacology & Toxicology	2.7	2	YES
16.	de Oliveira N.M., Machado J., Chéu M.H., Lopes L., Criado M.B. (2024). Therapeutic Potential of Olive Leaf Extracts: A Comprehensive Review. Applied Biosciences. 3 (3). pp. 392 - 425	https://doi.org/10.3390/applbiosci3030026	Applied Biosciences	--	--	YES
17.	Dinis-Oliveira R.J. (2024). “Not everything that can be counted counts” in ethanol toxicological results: an antemortem and postmortem technical interpretation focusing on driving under the influence. Forensic Sciences Research. 9 (3). art. no. owae023	https://doi.org/10.1093/fsr/owae023	Forensic Sciences Research	1.4	2	YES
18.	Garcia M.R., Andrade P.B., Lefranc F., Gomes N.G.M. (2024). Marine-Derived Leads as Anticancer Candidates by Disrupting Hypoxic Signaling through Hypoxia-Inducible Factors Inhibition. Marine Drugs. 22 (4). art. no. 143	https://doi.org/10.3390/md22040143	Marine Drugs	4.9	1	YES

19.	Gasmi A., Gasmi Benahmed A., Shanaida M., Chirumbolo S., Menzel A., Anzar W., Arshad M., Cruz-Martins N., Lysiuk R., Beley N., Oliinyk P., Shanaida V., Denys A., Peana M., Bjørklund G. (2024). Anticancer activity of broccoli. its organosulfur and polyphenolic compounds. <i>Critical Reviews in Food Science and Nutrition</i> . 64 (22). pp. 8054 - 8072	https://doi.org/10.1080/10408398.2023.2195493	Critical Reviews in Food Science and Nutrition	7.3	1	YES
20.	Godinho O., Devos D.P., Quinteira S., Lage O.M. (2024). The influence of the phylum Planctomycetota in the environmental resistome. <i>Research in Microbiology</i> . 175 (5-6). art. no. 104196	https://doi.org/10.1016/j.resmic.2024.104196	Research in Microbiology	2.5	3	YES
21.	Janvier A., Maziere M., Rodrigues C.F., Lobo A.P., Rompante P. (2024). Antimicrobial Efficacy of Chemomechanical Carie Removal Agents—A Systematic Integrative Review. <i>Biomedicines</i> . 12 (8). art. no. 1735	https://doi.org/10.3390/biomedicines12081735	Biomedicines	3.9	1	YES
22.	Kumar H., Dhalaria R., Guleria S., Sharma R., Kumar D., Verma R., Cruz-Martins N., Dhanjal D.S., Chopra C., Kaur T., Kumar V., Siddiqui S.A., Manickam S., Cimler R., Kuca K. (2024). Non-edible fruit seeds: nutritional profile, clinical aspects, and enrichment in functional foods and feeds. <i>Critical Reviews in Food Science and Nutrition</i> . 64 (33). pp. 13298 - 13317	https://doi.org/10.1080/10408398.2023.2264973	Critical Reviews in Food Science and Nutrition	7.3	1	YES
23.	Kumar H., Singh R., Dhanjal D.S., Chopra C., Cruz-Martins N., Nasrallah G.K., Majdalawieh A.F., Manickam S., Siddiqui S.A., Kumar D., Sharma I., Sharma V. (2024). Impact of phytoconstituents on oral health practices: a post COVID-19 observation. <i>Food Science and Human Wellness</i> . 13 (5). pp. 2386 - 2400	DOI: 10.26599/FSHW.2022.9250197	Food Science and Human Wellness	5.6	1	YES
24.	Lencioni G., Gregori A., Toledo B., Rebelo R., Immordino B., Amrutkar M., Xavier C.P.R., Kocijančič A., Pandey D.P., Perán M., Castaño J.P., Walsh N., Giovannetti E. (2024). Unravelling the complexities of resistance mechanism in pancreatic cancer: Insights from in vitro and ex-vivo model systems. <i>Seminars in Cancer Biology</i> . 106-107. pp. 217 - 233	https://doi.org/10.1016/j.semcan.2024.09.002	Seminars in Cancer Biology	12.1	1	YES
25.	Lopes-Rocha L., Hernandez C., Gonçalves V., Pinho T., Tiritan M.E. (2024). Analytical Methods for Determination of BPA Released from Dental Resin Composites and Related Materials: A Systematic Review. <i>critical Reviews in Analytical Chemistry</i> . 54 (3). pp. 653 - 668	https://doi.org/10.1080/10408347.2022.2093097	Critical Reviews in Analytical Chemistry	4.1	1	NO
26.	Maziere M., Rompante P., Andrade J.C., Rodrigues C.F. (2024). Are Mouthwashes Really Effective against <i>Candida</i> spp.? <i>Journal of Fungi</i> . 10 (8). art. no. 528	https://doi.org/10.3390/jof10080528	Journal of Fungi	4.2	1	YES
27.	Maziere. M., Andrade. J. C., Rompante. P., & Rodrigues. C. F. (2024). Evaluation of the antifungal effect of plant extracts on oral <i>Candida</i> spp. – a critical methodological analysis of the last decade. <i>Critical Reviews in Microbiology</i> . 51(1). 153–163.	https://doi.org/10.1080/1040841X.2024.2326995	Critical Reviews in Microbiology	6	1	NO

28.	Moitas B., Caldas I.M., Sampaio-Maia B. (2024). Forensic microbiology and geographical location: a systematic review. Australian Journal of Forensic Sciences. 56 (4). pp. 416 - 431	https://doi.org/10.1080/00450618.2023.2191993	Australian Journal of Forensic Sciences	0.8	2	YES
29.	Moitas B., Caldas I.M., Sampaio-Maia B. (2024). Microbiology and postmortem interval: a systematic review. Forensic Science. Medicine. and Pathology. 20 (2). pp. 696 - 715	https://doi.org/10.1007/s12024-023-00733-z	Forensic Science. Medicine and Pathology	1.5	2	YES
30.	Monteiro A.R., Barbosa D.J., Remião F., Silva R. (2024). Co-Culture Models: Key Players in In Vitro Neurotoxicity, Neurodegeneration and BBB Modeling Studies. Biomedicines. 12 (3). art. no. 626	https://doi.org/10.3390/biomedicines12030626	Biomedicines	3.9	1	YES
31.	Monteiro V., Dias da Silva D., Martins M., Guedes de Pinho P., Pinto J. (2024). Metabolomics perspectives of the ecotoxicological risks of polycyclic aromatic hydrocarbons: A scoping review. Environmental Research. 249. art. no. 118394	https://doi.org/10.1016/j.envres.2024.118394	Environmental Research	7.7	1	YES
32.	Nuccio A., Nogueira-Ferreira R., Moreira-Pais A., Attanzio A., Duarte J.A., Luparello C., Ferreira R. (2024). The contribution of mitochondria to age-related skeletal muscle wasting: A sex-specific perspective. Life Sciences. 336. art. no. 122324	https://doi.org/10.1016/j.lfs.2023.122324	Life Sciences	5.2	1	YES
33.	Nunes M., Bartosch C., Abreu M.H., Richardson A., Almeida R., Ricardo S. (2024). Deciphering the Molecular Mechanisms behind Drug Resistance in Ovarian Cancer to Unlock Efficient Treatment Options. Cells. 13 (9). art. no. 786	https://doi.org/10.3390/cells13090786	Cells	5.1	2	YES
34.	Ochoa-Leite C., Rodrigues S., Ramos A.S., Ribeiro F., Barbosa J., Jerónimo C., de Pinho P.G., Dinis-Oliveira R.J., Costa J.T. (2024). Metabolomics and proteomics in occupational medicine: a comprehensive systematic review. Journal of Occupational Medicine and Toxicology. 19 (1). art. no. 38	https://doi.org/10.1186/s12995-024-00436-3	Journal of Occupational Medicine and Toxicology	2.9	1	YES
35.	Oliveira M., Antunes W., Mota S., Madureira-Carvalho Á., Dinis-Oliveira R.J., Dias da Silva D. (2024). An Overview of the Recent Advances in Antimicrobial Resistance. Microorganisms. 12 (9). art. no. 1920	https://doi.org/10.3390/microorganisms12091920	Microorganisms	4.1	2	YES
36.	Oliveira M., Marszałek K., Kowalski M., Frolova A., Łabaj P.P., Branicki W., Madureira-Carvalho Á., da Silva D.D., Dinis-Oliveira R.J. (2024). Sequencing Technologies in Forensic Microbiology: Current Trends and Advancements. Forensic Sciences. 4 (4). pp. 523 - 545	https://doi.org/10.3390/forensicsci4040035	Forensic Sciences	--	2	YES
37.	Pereira A.P., Antunes P., Peixe L., Freitas A.R., Novais C. (2024). Current insights into the effects of cationic biocides exposure on Enterococcus spp.. Frontiers in Microbiology. 15. art. no. 1392018	https://doi.org/10.3389/fmicb.2024.1392018	Frontiers in Microbiology	4	1	YES

38. Pérez-Pereira A., Carrola J.S., Tiritan M.E., Ribeiro C. (2024). Enantioselectivity in ecotoxicity of pharmaceuticals, illicit drugs, and industrial persistent pollutants in aquatic and terrestrial environments: A review. <i>Science of the Total Environment</i> . 912. art. no. 169573	https://doi.org/10.1016/j.scitotenv.2023.169573	Science of The Total Environment	8.2	1	YES
39. Pinto J.O., Peixoto B., Dores A.R., Barbosa F. (2024). Measures of cognitive reserve: An umbrella review. <i>Clinical Neuropsychologist</i> . 38 (1). pp. 42 – 115	https://doi.org/10.1080/13854046.2023.2200978	The Clinical Neuropsychologist	3	1	NO
40. Pinto, J. O., Pontes, D., Dores, A. R., Peixoto, B., & Barbosa, F. (2024). Activities of Daily Living Inventory (ADLI): Proposal of a new instrument and preliminary data. <i>Applied Neuropsychology: Adult</i> . 1–18.	https://doi.org/10.1080/23279095.2024.2367741	Applied Neuropsychology: Adult	1.4	2	NO
41. Pinto, J. O., Pontes, D., Peixoto, B., Dores, A. R., & Barbosa, F. (2024). Ecological validity of neuropsychological interventions: A systematic review. <i>Applied Neuropsychology: Adult</i> . 1–20.	https://doi.org/10.1080/23279095.2024.2328694	Applied Neuropsychology: Adult	1.4	3	YES
42. Prata J.C. (2024). The Environmental Impact of E-Waste Microplastics: A Systematic Review and Analysis Based on the Driver–Pressure–State–Impact–Response (DPSIR) Framework. <i>Environments - MDPI</i> . 11 (2). art. no. 30	https://doi.org/10.3390/environments11020030	Environments	3.5	2	YES
43. Prata J.C., da Costa P.M. (2024). Fourier Transform Infrared Spectroscopy Use in Honey Characterization and Authentication: A systematic review. <i>ACS Food Science and Technology</i> . 4 (8). pp. 1817 - 1828	https://doi.org/10.1021/acsfoodscitech.4c00377	ACS Food Science & Technology	2.6	2	YES
44. Prata J.C., Martins da Costa P. (2024). Honeybees and the One Health Approach. <i>Environments - MDPI</i> . 11 (8). art. no. 161	https://doi.org/10.3390/environments11080161	Environments	3.5	2	YES
45. Prata J.C., Padrão J., Khan M.T., Walker T.R (2024) Do's and don'ts of microplastic research: a comprehensive guide. <i>Water Emerging Contaminants and Nanoplastics</i> , 3, 8.	DOI: 10.20517/wecn.2023.61	Water Emerging Contaminants and Nanoplastics	--	--	YES
46. Silva J., Azevedo T., Ginja M., Oliveira P.A., Duarte J.A., Faustino-Rocha A.I. (2024). Realistic Aspects of Cardiac Ultrasound in Rats: Practical Tips for Improved Examination. <i>Journal of Imaging</i> . 10 (9). art. no. 219	https://doi.org/10.3390/jimaging10090219	Journal of Imaging	2.7	1	YES
47. Silva R., Sobral A.F., Dinis-Oliveira R.J., Barbosa D.J. (20024). The Link Between Paraquat and Demyelination: A Review of Current Evidence. <i>Antioxidants</i> . 13 (11). art. no. 1354	https://doi.org/10.3390/antiox13111354	Antioxidants	6	1	YES

48. Sobral A.F., Cunha A., Silva V., Gil-Martins E., Silva R., Barbosa D.J. (2024). Unveiling the Therapeutic Potential of Folate-Dependent One-Carbon Metabolism in Cancer and Neurodegeneration. *International Journal of Molecular Sciences*. 25 (17). art. no. 9339 <https://doi.org/10.3390/ijms25179339> *International Journal of Molecular Sciences* 4.9 1 YES
49. Sousa A.C., Ribeiro C., Gonçalves V.M.F., Pádua I., Leal S. (2024). Chromatographic Methods for Detection and Quantification of Pyrrolizidine Alkaloids in Flora, Herbal Medicines, and Food: An Overview. *Critical Reviews in Analytical Chemistry*. 54 (8). pp. 2915 - 2939 <https://doi.org/10.1080/10408347.2023.2218476> *Critical Reviews in Analytical Chemistry* 4.2 1 NO

4.4. ARTICLES

Reference	Url (ou DOI)	Journal	Impact Factor	Quartile	Open Access
1. Almeida-Nunes D.L., Nunes M., Osório H., Ferreira V., Lobo C., Monteiro P., Abreu M.H., Bartosch C., Silvestre R., Dinis-Oliveira R.J., Ricardo S. (2024). Ovarian cancer ascites proteomic profile reflects metabolic changes during disease progression. <i>Biochemistry and Biophysics Reports</i> . 39. art. no. 101755	https://doi.org/10.1016/j.bbrep.2024.101755	Biochemistry and Biophysics Reports	2.3	3	YES
2. Almeida-Nunes D.L., Silva J.P.N., Nunes M., Silva P.M.A., Silvestre R., Dinis-Oliveira R.J., Bousbaa H., Ricardo S. (2024). Metformin Impairs Linsitinib Anti-Tumor Effect on Ovarian Cancer Cell Lines. <i>International Journal of Molecular Sciences</i> . 25 (22). art. no. 11935	https://doi.org/10.3390/ijms252211935	International Journal of Molecular Sciences	4.9	1	YES
3. Almeida-Santos A.C., Duarte B., Tedim A.P., Teixeira M.J., Prata J.C., Azevedo R.M.S., Novais C., Peixe L., Freitas A.R. (2024) The healthy human gut can take it all: vancomycin-variable, linezolid-resistant strains and specific bacteriocin-species interplay in <i>Enterococcus</i> spp. <i>Applied and Environmental Microbiology</i> . Q:e01699-24.	https://doi.org/10.1128/aem.01699-24	Applied and Environmental Microbiology	3.9	1	YES
4. Alves A.M.C.V., de Brito É.H.S., de Araújo M.F.M., de Hollanda Celestino J.J., Leite A.C.R.D.M., Cruz G.S., Azevedo N.F., Rodrigues C.F. (2024). Antifungal Susceptibility and <i>Candida</i> sp. Biofilm Production in Clinical Isolates of HIV-Positive Brazilian Patients under HAART Therapy. <i>Biomedicines</i> . 12 (2). art. no. 310	https://doi.org/10.3390/biomedicines12020310	Biomedicines	3.9	1	YES
5. Azevedo T., Silva J., Faustino-Rocha A.I., Valada A., Anjos L., Moura T., Ferreira R., Santos M., Pires M.J., Neuparth M.J., Peixoto F., Silvestre-Ferreira A.C., Gama A., Seixas F., Finimundy T.C., Barros L., Matos M., Oliveira P.A. (2024). The role of natural compounds in rat mammary cancer: the beneficial effects of <i>Santolina chamaecyparissus</i> L. aqueous extract [Uloga prirodnih spojeva kod raka mliječnih žlijezda u štakora; blagotvorni učinci vodenog ekstrakta <i>Santolina chamaecyparissus</i> L.]. <i>Veterinarska Stanica</i> . 55 (1). pp. 45 - 61	https://doi.org/10.46419/vs.55.1.3	Veterinarska stanica	0.6	3	YES
6. 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 Xanthones Conjugated with Amino Acids. <i>International Journal of Molecular Sciences</i> . 25 (4). art. no. 2121	https://doi.org/10.3390/ijms25042121	International Journal of Molecular Sciences	4.9	1	YES
7. Barbosa Silva R., Moreira A., Pimenta B., Pádua I. (2024). Allergens weaning: what is missing from commercial baby food? <i>Eur Ann Allergy Clin Immunol</i> .	DOI: 10.23822/EurAnnACI.1764-1489.357	Eur Ann Allergy Clin Immunol	NA	3	YES

8.	Barradas P.F.. Abrantes A.C.. Vieira e Brito N.. Mesquita J.R. (2024). Cervids as Sentinels for Rickettsia spp. in Portugal. Acta Tropica. 254. art. no. 107202	https://doi.org/10.1016/j.actatro.2024.107202	Acta Tropica	2.1	1	YES
9.	Barradas P.F.. Marques J.. Tavares C.. Brito N.V.. Mesquita J.R. (2024). Detection of tick-borne pathogens in Rhipicephalus bursa ticks collected from the autochthonous Garrano breed of horses in Portugal. Veterinary Parasitology: Regional Studies and Reports. 51. art. no. 101033	https://doi.org/10.1016/j.vprsr.2024.101033	Veterinary Parasitology: Regional Studies and Reports	1.4	2	YES
10.	Barroso T.G.. Queirós C.. Monteiro-Silva F.. Santos F.. Gregório A.H.. Martins R.C. (2024). Reagentless Vis-NIR Spectroscopy Point-of-Care for Feline Total White Blood Cell Counts. Biosensors. 14 (1). art. no. 53	https://doi.org/10.3390/bios14010053	Biosensors	4.9	1	YES
11.	Belo L.. Valente M.J.. Rocha S.. Coimbra S.. Catarino C.. Lousa I.. Bronze-da-Rocha E.. Rocha-Pereira P.. Sameiro-Faria M.D.. Oliveira J.G.. Madureira J.. Fernandes J.C.. Miranda V.. Nunes J.P.L.. Santos-Silva A. (2024). Age-Related Changes in Clinical and Analytical Variables in Chronic Hemodialyzed Patients. International Journal of Molecular Sciences. 25 (6). art. no. 3325	https://doi.org/10.3390/ijms25063325	International Journal of Molecular	4.9	1	YES
12.	Benjamin A., et al. (2024). Global, regional, and national progress towards the 2030 global nutrition targets and forecasts to 2050: a systematic analysis for the Global Burden of Disease Study 2021. The Lancet, 404(10471), 2543-83	https://doi.org/10.1016/S0140-6736(24)01821-X	The Lancet	98.4	1	YES
13.	Bhattacharjee N.V.. Schumacher A.E.. Aali A.. Abate Y.H.. et al. (2024). Global fertility in 204 countries and territories, 1950–2021. with forecasts to 2100: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. The Lancet. 403 (10440). pp. 2057 - 2099	https://doi.org/10.1016/S0140-6736(24)00550-6	The Lancet	98.4	1	YES
14.	Bierge P.. Sánchez-Osuna M.. Duarte B.. Gómez-Sánchez I.. Espasa M.. Freitas A.R.. Peixe L.. Gasch O.. Pich O.Q.. Novais C. (2024). Diverse genomic and epidemiological landscapes of redundant pbp5 genes in Enterococcus spp.: Insights into plasmid mobilization, ampicillin susceptibility, and environmental interactions. Science of the Total Environment. 957. art. no. 177562	https://doi.org/10.1016/j.scitotenv.2024.177562	Science of The Total Environment	8.2	1	YES
15.	Branco H.. Rodrigues C.A.. Oliveira J.. Mendes N.. Antunes C.. Amorim I.. Santos L.L.. Vasconcelos M.H.. Xavier C.P.R. (2024). Preclinical studies on the antitumor and non-toxic effect of combining pirfenidone with vinorelbine and carboplatin in non-small cell lung cancer. International Journal of Cancer 1-14	https://doi.org/10.1002/ijc.35276	International Journal of Cancer	5.7	1	YES
16.	Brandão S.R.. Oliveira P.F.. Guerra-Carvalho B.. Reis-Mendes A.. Neuparth M.J.. Carvalho F.. Ferreira R.. Costa V.M. (2024). Enduring metabolic modulation in the cardiac tissue of elderly CD-1 mice two months post mitoxantrone treatment. free Radical Biology and Medicine. 223. pp. 199 - 211	https://doi.org/10.1016/j.freeradbiomed.2024.07.029	Free Radical Biology and Medicine	7.1	1	YES

17.	Brauer M., Roth G.A., Aravkin A.Y., et al. (2024). Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations. 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021. <i>The Lancet</i> . 403 (10440). pp. 2162 - 2203	https://doi.org/10.1016/S0140-6736(24)00933-4	The Lancet	98.4	1	YES
18.	Brenciani A., Cinthi M., Coccitto S.N., Massacci F.R., Albini E., Cucco L., Panicià M., Freitas A.R., Schwarz S., Giovanetti E., Magistrali C.F. (2024). Global spread of the linezolid-resistant <i>Enterococcus faecalis</i> ST476 clonal lineage carrying <i>optrA</i> . <i>Journal of Antimicrobial Chemotherapy</i> . 79 (4). pp. 846 - 850	https://doi.org/10.1093/jac/dkae039	Journal of Antimicrobial Chemotherapy	3.9	1	NO
19.	Caldas I.M., Amaral J.M. (2024). Professional liability and litigation in dental medicine: an analysis of the Portuguese context. <i>The Journal of forensic odonto-stomatology</i> . 42 (3). pp. 53 - 58	https://doi.org/10.5281/zenodo.14505501	The Journal of Forensic Odonto-Stomatology (JFOS)	0.6	3	YES
20.	Calheiros-Lobo M., Silva J.P.N., Delgado L., Pinto B., Monteiro L., Lopes C., Silva P.M.A., Bousbaa H. (2024). Targeting the EGFR and Spindle Assembly Checkpoint Pathways in Oral Cancer: A Plausible Alliance to Enhance Cell Death. <i>Cancers</i> . 16 (22). art. no. 3732	https://doi.org/10.3390/cancers16223732	Cancers	4.5	1	YES
21.	Carvalho A.R., Morão A.M., Gonçalves V.M.F., Tiritan M.E., Gorito A.M., Pereira M.F., Silva A.M.T., Castro B.B., Carrola J.S., Amorim M.M., Ribeiro A.R.L., Ribeiro C. (2024). Toxicity of butylone and its enantiomers to <i>Daphnia magna</i> and its degradation/toxicity potential using advanced oxidation technologies. <i>Aquatic Toxicology</i> . 271. art. no. 106906	https://doi.org/10.1016/j.aquatox.2024.106906	Aquatic Toxicology	4.1	1	YES
22.	Carvalho C., Barbosa D.J., Celestino R., Zanin E., Carvalho A.X., Gassmann R. (2024). Dynein directs prophase centrosome migration to control the stem cell division axis in the developing <i>Caenorhabditis elegans</i> epidermis. <i>Genetics</i> . 226 (3). art. no. iyae005	https://doi.org/10.1093/genetics/iyae005	Genetics	3.3	1	YES
23.	Carvalho, G., António, A. P., Carlos, A. W. M., & Peixoto, B. (2024). Prevalence and characteristics of emotional distress and neurocognitive impairment in people living with HIV assisted at the Elavoco Center in Huambo/Angola. <i>Scientific Letters</i> , 1(1).	https://doi.org/10.48797/sl.2024.127	Scientific Letters	NA	NA	YES
24.	Coelho M.M., Costa I., de Albuquerque A.C.F., Santos Junior F.M.D., Silva B., Silva R., Fernandes C., Remião F., Tiritan M.E. (2024). Milligram scale enantioresolution of promethazine and its main metabolites. determination of their absolute configuration and assessment of enantioselective effects on human SY-SY5Y cells. <i>Journal of Pharmaceutical and Biomedical Analysis</i> . 245. art. no. 116152	https://doi.org/10.1016/j.jpba.2024.116152	Journal of Pharmaceutical and Biomedical Analysis	3.1	2	YES
25.	Coelho M.M., Lima R., Almeida A.S., Fernandes P.A., Remião F., Fernandes C., Tiritan M.E. (2024). Binding studies of promethazine and its metabolites with human serum albumin by high-performance affinity chromatography and molecular docking in the presence of codeine. <i>Analytical and Bioanalytical Chemistry</i> . 416 (20). pp. 4605 - 4618	https://doi.org/10.1007/s00216-024-05409-3	Analytical and Bioanalytical Chemistry	3.8	2	YES

26.	Coelho M.M., Silva B., Fernandes C., Remião F., Tiritan M.E. (2024). Enantiomeric profile of promethazine in metabolic studies in liver microsomes. <i>Journal of Chromatography Open</i> . 6. art. no. 100145	https://doi.org/10.1016/j.jcoa.2024.100145	Journal of Chromatography Open	NA	3	YES
27.	Coimbra S., Rocha S., Catarino C., Valente M.J., Rocha-Pereira P., Sameiro-Faria M., Oliveira J.G., Madureira J., Fernandes J.C., Miranda V., Belo L., Bronze-da-Rocha E., Santos-Silva A. (2024). Impact of TNFRSF1B (rs3397, rs1061624 and rs1061622) and IL6 (rs1800796, rs1800797 and rs1554606) Gene Polymorphisms on Inflammatory Response in Patients with End-Stage Kidney Disease Undergoing Dialysis. <i>Biomedicines</i> . 12 (6). art. no. 1228	https://doi.org/10.3390/biomedicines12061228	Biomedicines	3.9	1	YES
28.	Comfort H., McHugh T.A., Schumacher A.E., et al. (2024). Global, regional, and national stillbirths at 20 weeks' gestation or longer in 204 countries and territories, 1990–2021: findings from the Global Burden of Disease Study 2021. <i>The Lancet</i> . 404 (10466). pp. 1955 - 1988	https://doi.org/10.1016/S0140-6736(24)01925-1	The Lancet	98.4	1	YES
29.	Costa R., Câmara M.I.D., Figueira F., Pacheco J.J., Pereira C., Gonçalves M., Relvas M. (2024). The Relationship of HbA1c Serum Levels with the Severity of Periodontal Disease in Patients with Type 1 Diabetes Mellitus: A Cross-Sectional Study. <i>European Journal of Dentistry</i>	DOI: 10.1055/s-0044-1795123	European Journal of Dentistry	2.2	2	YES
30.	Dinis A.R., Teixeira A., Pérez-Mongiovi D., Caldas I.M. (2024). Fluctuating asymmetry in third molar agenesis as an aid to estimate socioeconomic status. <i>Forensic Science, Medicine, and Pathology</i> . 20 (3). pp. 831 - 837	https://doi.org/10.1007/s12024-023-00706-2	Forensic Science, Medicine, and Pathology	1.5	2	YES
31.	Duro, I., Manso, M. C., Couto, C., & Duro, M. (2024). Anti-Spike IgG against COVID-19 three months after the end of the pandemic in Northeast of Portugal. <i>Scientific Letters</i> , 1(1), 14.	https://doi.org/10.48797/sl.2024.269	Scientific Letters	--	--	YES
32.	Felipo-Benavent M., Valls M., Monteiro M.C., Jávega B., García-Párraga D., Rubio-Guerri C., Martínez-Romero A., O'Connor J.-E. (2024). Platelet phosphatidylserine exposure and microparticle production as health bioindicators in marine mammals. <i>Frontiers in Veterinary Science</i> . 11. art. no. 1393977	https://doi.org/10.3389/fvets.2024.1393977	Frontiers in Veterinary Science	2.6	1	YES
33.	Ferrari A.J., Santomauro D.F., Aali A., et al: (2024). Global incidence, prevalence, years lived with disability (YLDs), disability-adjusted life-years (DALYs), and healthy life expectancy (HALE) for 371 diseases and injuries in 204 countries and territories and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021. <i>The Lancet</i> . 403 (10440). pp. 2133 - 2161	https://doi.org/10.1016/S0140-6736(24)00757-8	The Lancet	98.4	1	YES
34.	Ferreira C., Caldas I.M. (2024). Does third molar agenesis influence the second lower molar mineralization? <i>International Journal of Legal Medicine</i> . 138 (3). pp. 911 - 916	https://doi.org/10.1007/s00414-023-03128-5	International Journal of Legal Medicine	2.2	1	YES

35.	Francisco L., Francisco M., Costa R., Vasques M.N., Relvas M., Rajão A., Monteiro L., Rompante P., Guerra F., Infante da Câmara M. (2024). Sinus Floor Augmentation with Synthetic Hydroxyapatite (NanoBone®) in Combination with Platelet-Rich Fibrin: A Case Series. <i>Biomedicines</i> . 12 (8). art. no. 1661	https://doi.org/10.3390/biomedicines12081661	Biomedicines	3.9	1	YES
36.	Gil-Martins E., Cagide-Fagín F., Martins D., Borer A., Barbosa D.J., Fernandes C., Chavarria D., Remião F., Borges F., Silva R. (2024). Mechanistic Insights into the Neurotoxicity of 2,5-Dimethoxyphenethylamines (2C) and Corresponding N-(2-methoxybenzyl)phenethylamine (NBOMe) Drugs. <i>Journal of Xenobiotics</i> . 14 (2). pp. 772 - 797	https://doi.org/10.3390/jox14020044	Journal of Xenobiotics	6.8	1	YES
37.	Godinho O., Lage O.M., Quinteira S. (2024). Antibiotic-Resistant Bacteria across a Wastewater Treatment Plant. <i>Applied Microbiology</i> . 4 (1). pp. 364 - 375	https://doi.org/10.3390/applmicrobiol4010025	Applied Microbiology	NA	NA	YES
38.	Gomes-Gonçalves S., Santos-Silva S., Cruz A.V.S., Rodrigues C., Soeiro V., Barradas P., Mesquita J.R. (2024). A Thorny Tale of Parasites: Screening for Enteric Protozoan Parasites in Hedgehogs from Portugal. <i>Animals</i> . 14 (2). art. no. 326	https://doi.org/10.3390/ani14020326	Animals	2.7	1	NO
39.	Gomes-Gonçalves S., Santos-Silva S., Cruz A.V.S., Rodrigues C., Soeiro V., Barradas P., Mesquita J.R. (2024). First report of <i>Enterocytozoon bieneusi</i> in <i>Erinaceus europaeus</i> and <i>Hemiechinus auritus</i> hedgehogs from recovery centers of Portugal. <i>Medical Mycology</i> . 62 (8). art. no. myae073	https://doi.org/10.1093/mmy/m yae073	Medical Mycology	2.7	1	YES
40.	Gonçalves A., Mathelié-Guinlet Q., Ramires F., Monteiro F., Carvalho Ó., Silva F.S., Resende A.D., Pinho T. (2024). Biological alterations associated with the orthodontic treatment with conventional appliances and aligners: A systematic review of clinical and preclinical evidence. <i>Heliyon</i> . 10 (12). art. no. e32873	https://doi.org/10.1016/j.heliyon.2024.e32873	Heliyon	3.4	1	YES
41.	Guedes B., Godinho O., Quinteira S., Lage O.M. (2024). Antimicrobial Resistance Profile of Planctomycetota Isolated from Oyster Shell Biofilm: Ecological Relevance within the One Health Concept. <i>Applied Microbiology</i> . 4 (1). pp. 16 - 26	https://doi.org/10.3390/applmicrobiol4010002	Applied Microbiology	NA	NA	YES
42.	Langa I.M., Lado Ribeiro A.R., Ratola N., Gonçalves V.M.F., Tiritan M.E., Ribeiro C. (2024). Amphetamine-like substances and synthetic cathinones in Portuguese wastewater influents: Enantiomeric profiling and role of suspended particulate matter. <i>Forensic Science International</i> . 361. art. no. 112128	https://doi.org/10.1016/j.forsciint.2024.112128	Forensic Science International	2.2	1	YES
43.	Marques-Moura S., Caldas I.M. (2024). Study of secondary dentine deposition in central incisors as an age estimation method for adults. <i>Forensic Science, Medicine, and Pathology</i>	https://doi.org/10.1007/s12024-024-00777-9	Forensic Science, Medicine and Pathology	1.5	2	YES

44.	Martins B., Taveira-Gomes T., Gomes J.C., Vidal-Alves M.J., Magalhães T. (2024). Adverse childhood experiences and health outcomes: a 20-year real-world study. <i>Frontiers in Medicine</i> . 11, art. no. 1429137	https://doi.org/10.3389/fmed.2024.1429137	Frontiers in Medicine	3.1	1	YES
45.	Martins R.C., Queirós C., Silva F.M., Santos F., Barroso T.G., Tosin R., Cunha M., Leão M., Damásio M., Martins P., Silvestre J. (2024). Spectral data augmentation for leaf nutrient uptake quantification. <i>Biosystems Engineering</i> . 246, pp. 82 - 95	https://doi.org/10.1016/j.biosystemseng.2024.07.001	Biosystems Engineering	4.4	1	YES
46.	Matos B.S., da Silva S.P., Vasconcelos M.H., Xavier C.P.R. (2024). Chemosensitizing effect of pentoxifylline in sensitive and multidrug-resistant non-small cell lung cancer cells. <i>Cancer Drug Resistance</i> . 7, pp. 2 - 19	http://dx.doi.org/10.20517/cdr.2024.04	Cancer Drug Resistance	4.6	1	YES
47.	Medeiros-Fonseca B., Faustino-Rocha A.I., Pires M.J., Neuparth M.J., Vala H., Vasconcelos-Nóbrega C., Gouveias I., Barros A.N., Dias M.I., Barros L., Bastos M.M.S.M., Gonçalves L., Félix L., Venâncio C., Medeiros R., da Costa R.M.G., Oliveira P.A. (2024). Exploring the therapeutic potential of <i>Quercus ilex</i> acorn extract in papillomavirus-induced lesions. <i>Veterinary World</i> . 17 (11), pp. 2644 - 2658	https://doi.org/10.14202/vetworld.2024.2644-2658	Veterinary World	1.7	2	YES
48.	Medeiros-Fonseca B., Faustino-Rocha A.I., Silva J., Silva M.G., Pires M.J., Neuparth M.J., Vala H., Vasconcelos-Nóbrega C., Dias M.I., Barros L., Gonçalves L., Gaivão I., Bastos M.M.S.M., Félix L., Venâncio C., Medeiros R., Gil da Costa R.M., Oliveira P.A. (2024). Aloysia citrodora extract as a chemopreventive agent against HPV16-induced lesions: findings from K14-HPV16 mice. <i>Exploration of Medicine</i> . 5 (3), pp. 416 - 433	https://doi.org/10.37349/emed.2024.00228	Exploration of Medicine	0.3	4	YES
49.	Melo D., Coimbra S., Rocha S., Santos-Silva A. (2024). Influence of inhibiting methemoglobin formation on erythrocyte antioxidant defense. <i>Archives of Biochemistry and Biophysics</i> . 760, art. no. 110121	https://doi.org/10.1016/j.abb.2024.110121	Archives of Biochemistry and Biophysics	3.8	1	YES
50.	Melo D., Ferreira F., Teles M.J., Porto G., Coimbra S., Rocha S., Santos-Silva A. (2024). Catalase, Glutathione Peroxidase, and Peroxiredoxin 2 in Erythrocyte Cytosol and Membrane in Hereditary Spherocytosis, Sickle Cell Disease, and β -Thalassemia. <i>Antioxidants</i> . 13 (6), art. no. 629	https://doi.org/10.3390/antiox13060629	Antioxidants	6.0	1	YES
51.	Melo D., Ferreira F., Teles M.J., Porto G., Coimbra S., Rocha S., Santos-Silva A. (2024). Reticulocyte Antioxidant Enzymes mRNA Levels versus Reticulocyte Maturity Indices in Hereditary Spherocytosis, β -Thalassemia and Sickle Cell Disease. <i>International Journal of Molecular Sciences</i> . 25 (4), art. no. 2159	https://doi.org/10.3390/ijms25042159	International Journal of Molecular Sciences	4.9	1	YES
52.	Melo-Ferraz A., Coelho C., Miller P., Criado M.B., Monteiro M.C. (2024). Comprehensive analysis of L-PRF exudate components and their impact on whole blood platelets. <i>Clinical Oral Investigations</i> . 28 (9), art. no. 470	https://doi.org/10.1007/s00784-024-05868-z	Clinical Oral Investigations	3.1	1	YES

53.	Melo-Ferraz A., Miller P., Criado M.B., Monteiro M.C., Coelho C. (2024). Exploring the antimicrobial potential of Leukocyte- and Platelet-Rich Fibrin – an in vitro study. <i>APMIS</i> . 132 (11). pp. 859 - 868	https://doi.org/10.1111/apm.13468	APMIS - Journal of Pathology. Microbiology and Immunology	2.2	2	YES
54.	Monteiro A. S. M., Azevedo R. M. S., Zacca R., Ogonowska-Słodownik A., Buzzachera C. F., Vilas-Boas J. P., and Fernandes R. J. (2024). VO2FITTING Software: New Insights and Practical Applications (VO2FITTING Software Update). <i>Journal of Human Kinetics</i> .	https://doi.org/10.5114/jhk/194124	Journal of Human Kinetics	1.9	2	YES
55.	Monteiro M.C., Costa D., Dias A., Pina-Cabral L.B., Almeida-Dias A., Machado J., Criado M.B. (2024). Platelet antiaggregant activity of Hypericum perforatum extracts. <i>Phytomedicine Plus</i> . 4 (4). art. no. 100654	https://doi.org/10.1016/j.phyplu.2024.100654	Phytomedicine Plus	NA	2	YES
56.	Moreira J., Silva P.M.A., Castro E., Saraiva L., Pinto M., Bousbaa H., Cidade H. (2024). BP-M345 as a Basis for the Discovery of New Diarylpentanoids with Promising Antimitotic Activity. <i>International Journal of Molecular Sciences</i> . 25 (3). art. no. 1691	https://doi.org/10.3390/ijms25031691	International Journal of Molecular Sciences	4.9	1	YES
57.	Moreira-Pais A., Ferreira R., Baltazar T., Neuparth M.J., Vitorino R., Reis-Mendes A., Costa V.M., Oliveira P.A., Duarte J.A. (2024). Long-term effects of the chronic administration of doxorubicin on aged skeletal muscle: An exploratory study in mice. <i>Biochemical and Biophysical Research Communications</i> . 733. art. no. 150650	https://doi.org/10.1016/j.bbrc.2024.150650	Biochemical and Biophysical Research Communications	2.5	2	YES
58.	Moreira-Pais A., Vitorino R., Sousa-Mendes C., Neuparth M.J., Nuccio A., Luparello C., Attanzio A., Novák P., Loginov D., Nogueira-Ferreira R., Leite-Moreira A., Oliveira P.A., Ferreira R., Duarte J.A. (2024). Mitochondrial remodeling underlying age-induced skeletal muscle wasting: let's talk about sex. <i>Free Radical Biology and Medicine</i> . 218. pp. 68 - 81	https://doi.org/10.1016/j.freeradbiomed.2024.04.005	Free Radical Biology and Medicine	7.1	1	YES
59.	Naghavi M., Ong K.L., Aali A., et al. (2024). Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021. <i>The Lancet</i> . 403 (10440). pp. 2100 - 2132	https://doi.org/10.1016/S0140-6736(24)00367-2	The Lancet	98.4	1	YES
60.	Nascimento-Gonçalves E., Seixas F., Palmeira C., Martins G., Fonseca C., Duarte J.A., Faustino-Rocha A.I., Colaço B., Pires M.J., Neuparth M.J., Moreira-Gonçalves D., Fardilha M., Henriques M.C., Patrício D., Pelech S., Ferreira R., Oliveira P.A. (2024). Lifelong exercise training promotes the remodelling of the immune system and prostate signalome in a rat model of prostate carcinogenesis. <i>GeroScience</i> . 46 (1). pp. 817 - 840	https://doi.org/10.1007/s11357-023-00806-5	GeroScience	5.3	1	YES
61.	Neto Silva I., Kharat A., Marzano F., Marchi E., Duarte J.A., Bendjelid K. (2024). Unsuccessful Weaning From Mechanical Ventilation in a Patient With An Immune-Mediated Necrotizing Myopathy: A Case Report That Demonstrates the Usefulness of Shear-Wave Elastography. <i>Chest</i> . 165 (6). pp. e177 - e185	https://doi.org/10.1016/j.chest.2024.01.002	CHEST	9.5	1	YES

62.	Nova L., Teixeira B., Coelho B.C., Dias I., Conceição M., Pita O., Ferreira L., Jorge A., Monteiro M.D.C., Santos M.C.T., Rodrigues S., Rocha A., Gonçalves A., Afonso C. (2024). Assessment of 'per capita' lunchtime food intake among 6-to 35-month-old children: a study on compliance with national and international standards in the "Creche com Sabor e Saúde" (C2S) project [Análise da oferta alimentar per capita ao almoço para crianças dos 6 aos 35 meses de idade: um estudo sobre o cumprimento das orientações nacionais e internacionais do projeto "Creche com Sabor e Saúde" (C2S)]. Portuguese Journal of Pediatrics. 55 (4). pp. 205 - 215	http://dx.doi.org/10.24875/PJP.23000056	Portuguese Journal of Pediatrics	NA	4	YES
63.	Novais Â., Gonçalves A.B., Ribeiro T.G., Freitas A.R., Méndez G., Mancera L., Read A., Alves V., López-Cerero L., Rodríguez-Baño J., Pascual Á., Peixe L. (2024). Development and validation of a quick, automated, and reproducible ATR FT-IR spectroscopy machine-learning model for <i>Klebsiella pneumoniae</i> typing. Journal of Clinical Microbiology. 62 (2)	https://doi.org/10.1128/jcm.01211-23	Journal of Clinical Microbiology	6.1	1	YES
64.	Pascoal S., Gonçalves M., Salvador P., Azevedo R., Leite M., Pinho T. (2024). The Relationship between Personality Profiles and the Esthetic Perception of Orthodontic Appliances. International Journal of Dentistry. 2024. art. no. 8827652	https://doi.org/10.1155/2024/8827652	International Journal of Dentistry	1.9	2	YES
65.	Perdana M.C., Sochacki A., Comez F.I., Silva A.M.T., Tiritan M.E., Berchova K., Chval Z., Lexa M., Ren T., Beesley L., Ribeiro A.R.L., Vymazal J. (2024). The resilience of constructed wetlands treating greywater: the effect of operating conditions and seasonal temperature decline. Environmental Science: Water Research and Technology. 10 (12). pp. 3206 - 3216	https://doi.org/10.1039/D4EW00637B	Environmental Science: Water Research & Technology	3.5	1	NO
66.	Pereira C.R., Greten H.J., Santos R., Reis A.M., Ramos B., Santos M.J., Machado J., Criado M.B. (2024). Acupuncture Effect on Reaction-Time Changes in Parkinson's Disease Patients—Case Study Series. Journal of Clinical Medicine. 13 (18). art. no. 5642	https://doi.org/10.3390/jcm13185642	Journal of Clinical Medicine	3.0	1	YES
67.	Pereira, L. & Peixoto, B. (2024). Aplicação remota do mini-addenbrooke's cognitive examination: estudo piloto. Cuadernos de Neuropsicología - Panamerican Journal of Neuropsychology. 1(18):70-81.	DOI: 10.7714/CNPS/17.3.201	Cuadernos de Neuropsicología - Panamerican Journal of Neuropsychology	NA	NA	YES
68.	Pérez-Losada M., Castro-Nallar E., García-Huidobro J., Boechat J.L., Delgado L., Rama T.A., Oliveira M. (2024). Characterization of the oral mycobiome of Portuguese with allergic rhinitis and asthma. Current Research in Microbial Sciences. 7. art. no. 100300	https://doi.org/10.1016/j.crmicr.2024.100300	Current Research in Microbial Sciences	4.8	2	YES
69.	Pérez-Losada M., Castro-Nallar E., García-Huidobro J., Boechat J.L., Delgado L., Rama T.A., Oliveira M. (2024). The nasal mycobiome of individuals with allergic rhinitis and asthma differs from that of healthy controls in composition, structure and function. Frontiers in Microbiology. 15. art. no. 1464257	https://doi.org/10.3389/fmicb.2024.1464257	Frontiers in Microbiology	4.0	1	YES

70.	Pérez-Pereira A.. Gonçalves V.M.F.. Ribeiro A.R.L.. Fernandes C.. Carrola J.S.. Ribeiro C.. Tiritan M.E. (2024). Development of an Enantioselective Method by Liquid Chromatography to Monitor 3.4-Methylenedioxyprovalerone in Culture Media from Ecotoxicity Assays. <i>Separations</i> . 11 (8). art. no. 248	https://doi.org/10.3390/separations11080248	Separations	2.5	3	YES
71.	Pinto B.. Silva J.P.N.. Silva P.M.A.. Barbosa D.J.. Sarmento B.. Tavares J.C.. Bousbaa H. (2024). Maximizing Anticancer Response with MPS1 and CENPE Inhibition Alongside Apoptosis Induction. <i>Pharmaceutics</i> . 16 (1). art. no. 56	https://doi.org/10.3390/pharmaceutics16010056	Pharmaceutics	4.9	1	YES
72.	Pinto J.O.. Vieira I.. Barroso B.C.R.. Peixoto M.. Pontes D.. Peixoto B.. Dores A.R.. Barbosa F. (2024). Inventory of sensory, emotional, and cognitive reserve (SECri): Proposal of a new instrument and preliminary data. <i>Applied Neuropsychology:Adult</i>	https://doi.org/10.1080/23279095.2024.2407462	Applied Neuropsychology: Adult	1.4	2	NO
73.	Prata J.C. (2024). (Micro)Plastic Foreign Bodies in Food and Feed: Notifications in the European Union. <i>Microplastics</i> . 3 (4). pp. 742 - 754	https://doi.org/10.3390/microplastics3040046	Microplastics	NA	NA	YES
74.	Queirós C.. Gonçalves M.. Ferreira S.. de Castro I.. Azevedo R.M.S.. Pinho T. (2024). Comparison of Upper Central Incisor Torque in the ClinCheck® with and without CBCT Integration: A Cross-Sectional Study. <i>Dentistry Journal</i> . 12 (8). art. no. 269	https://doi.org/10.3390/dj12080269	Dentistry Journal	2.5	2	YES
75.	Quinteira S.. Dantas R.. Pinho L.. Campos C.. Freitas A.R.. Brito N.V.. Miranda C. (2024). Dairy Cattle and the Iconic Autochthonous Cattle in Northern Portugal Are Reservoirs of Multidrug-Resistant <i>Escherichia coli</i> . <i>Antibiotics</i> . 13 (12). art. no. 1208	https://doi.org/10.3390/antibiotics13121208	Antibiotics	4.3	1	YES
76.	Reis-Mendes A.. Ferreira M.. Padrão A.I.. Duarte J.A.. Duarte-Araújo M.. Remião F.. Carvalho F.. Sousa E.. Bastos M.L.. Costa V.M. (2024). The Role of Nrf2 and Inflammation on the Dissimilar Cardiotoxicity of Doxorubicin in Two-Time Points: a Cardio-Oncology In Vivo Study Through Time. <i>Inflammation</i> . 47 (1). pp. 264 - 284	https://doi.org/10.1007/s10753-023-01908-0	Inflammation	4.5	2	YES
77.	Relvas, M., Cabral, C., Salazar, F., López-Jarana, P., Rocha, M., Costa, R. Monteiro, L., & Gonçalves, M. (2024). The impact of Covid-19 on educational climate in dental students - a cross sectional study. <i>European Journal of Educational Research</i> , 13(1), 171-181.	https://doi.org/10.12973/euler.13.1.171	European Journal of Educational Research	2.1	2	YES
78.	Relvas M.. Mendes-Frias A.. Gonçalves M.. Salazar F.. López-Jarana P.. Silvestre R.. Viana da Costa A. (2024). Salivary IL-1 β , IL-6, and IL-10 Are Key Biomarkers of Periodontitis Severity. <i>International Journal of Molecular Sciences</i> . 25 (15). art. no. 8401	https://doi.org/10.3390/ijms25158401	International Journal of Molecular Sciences	4.9	1	YES
79.	Ribeiro O.. Félix L.. Ribeiro C.. Torres-Ruiz M.. Tiritan M.E.. Gonçalves V.M.F.. Langa I.. Carrola J.S. (2024). Unveil the toxicity induced on early life stages of zebrafish (<i>Danio rerio</i>) exposed to 3.4-	https://doi.org/10.1016/j.scitotenv.2024.176906	Science of The Total Environment	8.2	1	YES

methylenedioxyamphetamine (MDMA) and its enantiomers. Science of the Total Environment. 955. art. no. 176906

- | | | | | | | |
|-----|--|---|--|-----|----|-----|
| 80. | Ribeiro-Almeida M., Mourão J., Magalhães M., Freitas A.R., Novais C., Peixe L., Antunes P. (2024). Raw meat-based diet for pets: a neglected source of human exposure to Salmonella and pathogenic Escherichia coli clones carrying mcr. Portugal. September 2019 to January 2020. Eurosurveillance. 29 (18). art. no. .2300561 | https://doi.org/10.2807/1560-7917.ES.2024.29.18.2300561 | Eurosurveillance | 9.9 | 1 | YES |
| 81. | Rocha, A. S., Gonçalves, M., Oliveira, A. C., & Pinho, T. (2024). Efficiency and predictability of maxillary expansion with Invisalign® system. Scientific Letters, 1(1), Artigo 1. | https://doi.org/10.48797/sl.2024.119 | Scientific Letters | NA | NA | YES |
| 82. | Rocha. S., Alves. A., Antunes. C., Rodrigues. P., Casal. G. (2024). Characterization of novel aurantiactinomaxon types (Cnidaria, Myxosporea) from the oligochaete llyodrilus templetoni (Southern. 1909). with a comprehensive phylogeny of the collective group. Journal of Invertebrate Pathology. 203: 108043. | https://doi.org/10.1016/j.jip.2023.108043 | Journal of Invertebrate Pathology | 3.6 | 1 | YES |
| 83. | Rodrigues I.C., Cristal A.P., Ribeiro-Almeida M., Silveira L., Prata J.C., Simões R., Vaz-Pires P., Pista Â., Martins da Costa P. (2024). Gulls in Porto Coastline as Reservoirs for Salmonella spp.: Findings from 2008 and 2023. Microorganisms. 12 (1). art. no. 59 | https://doi.org/10.3390/microorganisms12010059 | Microorganisms | 4.1 | 2 | YES |
| 84. | Rodrigues I.C., Ribeiro-Almeida M., Silveira L., Prata J.C., de Carvalho A.P., Roque C., Gomes J.P., Borges V., Pista Â., Martins da Costa P. (2024). Unveiling a Listeria monocytogenes Outbreak in a Rabbit Farm: Clinical Manifestation, Antimicrobial Resistance, Genomic Insights and Environmental Investigation. Microorganisms. 12 (4). art. no. 785 | https://doi.org/10.3390/microorganisms12040785 | Microorganisms | 4.1 | 2 | YES |
| 85. | Roer L., Kaya H., Tedim A.P., Novais C., Coque T.M., Aarestrup F.M., Peixe L., Hasman H., Hammerum A.M., Freitas A.R. (2024). VirulenceFinder for Enterococcus faecium and Enterococcus lactis: an enhanced database for detection of putative virulence markers by using whole-genome sequencing data. Microbiology Spectrum. 12 (3) | https://doi.org/10.1128/spectrum.03724-23 | Microbiology Spectrum | 3.7 | 1 | YES |
| 86. | Rosa, B., Valdivieso, R., Cunha-Rodrigues, M., Rodrigues, M., Lucena, M. L., Guerra, R. S., Sousa, A. S., Mendes, J., Sousa-Santos, A. R., Silva, C., Borges, N., & Amaral, T. F. (2024). The finger-ring test as an indicator of muscle mass estimated by dual-energy X-ray absorptiometry in an adult community-dwelling population. European journal of clinical nutrition, 10.1038/s41430-024-01550-5. | https://doi.org/10.1038/s41430-024-01550-5 | European journal of clinical nutrition | 3.6 | 1 | NO |
| 87. | Sá A., Mateus T.L., Brito N.V., Vieira C., Ribeiro Â.M. (2024). Ethnobotanical Inventory of Plants Used by Mountainous Rural Communities in NW Portugal. Plants. 13 (19). art. no. 2824 | https://doi.org/10.3390/plants13192824 | Plants | 4.0 | 1 | YES |

88.	Santos J.V., Padron-Monedero A., Bikbov B., et al. (2024). The state of health in the European Union (EU-27) in 2019: a systematic analysis for the Global Burden of Disease study 2019. <i>BMC Public Health</i> . 24 (1), art. no. 1374	https://doi.org/10.1186/s12889-024-18529-3	BMC Public Health	3.5	1	YES
89.	Schumacher A.E., Kyu H.H., Antony C.M., et al. (2024). Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950–2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. <i>The Lancet</i> . 403 (10440), pp. 1989 - 2056	https://doi.org/10.1016/S0140-6736(24)00476-8	The Lancet	98.4	1	YES
90.	Senra B.P., Ribeiro H., Guedes A. (2024). Technical note: Application of Handheld X-ray fluorescence spectrometers in forensic analysis of cigarette ash. <i>Forensic Science International</i> . 361, art. no. 112083	https://doi.org/10.1016/j.forsciint.2024.112083	Forensic Science International	2.2	1	YES
91.	Shiyadeh Z.S., Farahyar S., Vahedi Larijani L., Beardsley J., Nouri N., Mahmoudi S., Roudbar Mohammadi S., Rodrigues C.F., Roudbary M. (2024). Hospitalized COVID-19 Patients with Urinary Tract Infection in Iran: Candida Species Distribution and Antifungal Susceptibility Patterns. <i>Antibiotics</i> . 13 (7), art. no. 633	https://doi.org/10.3390/antibiotics13070633	Antibiotics	4.3	1	YES
92.	Silva F.M., Queirós C., Pereira M., Pinho T., Barroso T., Magalhães S., Boaventura J., Santos F., Cunha M., Martins R.C. (2024). Precision Fertilization: A critical review analysis on sensing technologies for nitrogen, phosphorous and potassium quantification. <i>Computers and Electronics in Agriculture</i> . 224, art. no. 109220	https://doi.org/10.1016/j.compag.2024.109220	Computers and Electronics in Agriculture	7.7	1	YES
93.	Silva H.G., Sobral R., Alinho A.T., Afonso H.R., Ribeiro T., Silva P.M.A., Bousbaa H., Morais-Cecílio L., Costa M.M.R. (2024). Genetic and epigenetic control of dormancy transitions throughout the year in the monoecious cork oak. <i>Physiologia Plantarum</i> . 176 (6), art. no. e14620	https://doi.org/10.1111/ppl.14620	Physiologia Plantarum	5.4	1	YES
94.	Silva J., Azevedo T., Aires I., Peixoto F., Neuparth M.J., Queiroga F.L., Seixas F., Ferreira R., Faustino-Rocha A.I., Duarte J.A., Oliveira P.A. (2024). Interplay Between Western Diet and Mammary Cancer: Data from a Chemically-induced Model in Wistar Rats. <i>Anticancer Research</i> . 44 (11), pp. 4843 - 4856	https://doi.org/10.21873/anticancer.17310	Anticancer Research	1.6	3	YES
95.	Silva J.P.N., Pinto B., Monteiro L., Silva P.M.A., Bousbaa H. (2024). Coupling Kinesin Spindle Protein and Aurora B Inhibition with Apoptosis Induction Enhances Oral Cancer Cell Killing. <i>Cancers</i> . 16 (11), art. no. 2014	https://doi.org/10.3390/cancers16112014	Cancers	4.5	1	YES
96.	Silva-Bessa A., Azevedo R., Almeida A., Dawson L., Forbes S.L., Ferreira M.T., Dinis-Oliveira R.J. (2024). Chemical elemental composition and human taphonomy: A comparative analysis between skeletonised and preserved individuals from six Portuguese public cemeteries. <i>Journal of Trace Elements in Medicine and Biology</i> . 86, art. no. 127551	https://doi.org/10.1016/j.jtemb.2024.127551	Journal of Trace Elements in Medicine and Biology	3.6	1	YES

97.	Soares-Cardoso C., Leal S., Sá S.I., Dantas-Barros R., Dinis-Oliveira R.J., Faria J., Barbosa J. (2024). Unraveling the Hippocampal Molecular and Cellular Alterations behind Tramadol and Tapentadol Neurobehavioral Toxicity. <i>Pharmaceuticals</i> . 17 (6). art. no. 796	https://doi.org/10.3390/ph17060796	Pharmaceuticals	4.3	1	YES
98.	Soun-udom M., Garcia M.R., Oliveira A.P., Andrade P.B., Vajrodaya S., Duangsrissai S., Gomes N.G.M. (2024). LED light treatments enhance neuroprotective properties and differentially impact phenolic compounds and triterpenoid content in Gotu Kola (<i>Centella asiatica</i> (L.) Urb.). <i>Current Plant Biology</i> . 40. art. no. 100386	https://doi.org/10.1016/j.cpb.2024.100386	Current Plant Biology	5.4	2	YES
99.	Sousa A.C., Pádua I., Gonçalves V.M.F., Ribeiro C., Leal S. (2024). Exploring tea and herbal infusions consumption patterns and behaviours: The case of Portuguese consumers. <i>Heliyon</i> . 10 (7). art. no. e28779	https://doi.org/10.1016/j.heliyon.2024.e28779	Heliyon	3.4	1	YES
100.	Sousa S.M., Branco H., Avan A., Palmeira A., Morelli L., Santos L.L., Giovannetti E., Vasconcelos M.H., Xavier C.P.R. (2024). Darifenacin: a promising chitinase 3-like 1 inhibitor to tackle drug resistance in pancreatic ductal adenocarcinoma. <i>Cancer Chemotherapy and Pharmacology</i> . 94 (4). pp. 585 - 597	https://doi.org/10.1007/s00280-024-04712-1	Cancer Chemotherapy and Pharmacology	2.7	2	YES
101.	Tedim A.P., Almeida-Santos A.C., Lanza V.F., Novais C., Coque T.M., Freitas A.R., Peixe L. (2024). Bacteriocin distribution patterns in <i>Enterococcus faecium</i> and <i>Enterococcus lactis</i> : bioinformatic analysis using a tailored genomics framework. <i>Applied and Environmental Microbiology</i> . 90 (10). art. no. e0137624	https://doi.org/10.1128/aem.01376-24	Applied and Environmental Microbiology	3.9	1	YES
102.	Teixeira A., Carvalhosa F., Ferreira Lopes M., Pinheiro M., Pádua I. Online food allergen labeling: is it a matter of concern? <i>Eur Ann Allergy Clin Immunol</i> .	http://dx.doi.org/10.23822/EurAnnAll.1764-1489.354	Eur Ann Allergy Clin Immunol	NA	3	YES
103.	Teixeira A., Teixeira M., Gaio R., Torres T., Magina S., Dinis M.A.P., Sousa-Lobo J., Almeida I., Peixoto M., Almeida V. (2024). Influence of Clinical and Psychosocial Factors on the Adherence to Topical Treatment in Psoriasis. <i>Healthcare (Switzerland)</i> . 12 (8). art. no. 822	https://doi.org/10.3390/healthcare12080822	Healthcare	2.4	2	YES
104.	Valente C., Teixeira A., Oliveira P., Caldas I.M. (2024). Are deciduous upper molars and lower canines useful for sex estimation? <i>Archives of Oral Biology</i> . 165. art. no. 106006	https://doi.org/10.1016/j.archora.2024.106006	Archives of Oral Biology	2.2	2	YES
105.	Valente-Aguiar M.S., Nascimento O.O., Castro-Espicalsky T.L., Dinis-Oliveira R.J. (2024). Single-camera photogrammetry using a mobile phone for low-cost documentation of corpses. <i>International Journal of Legal Medicine</i> . 138 (6). pp. 2373 - 2379	https://doi.org/10.1007/s00414-024-03271-7	International Journal of Legal Medicine	2.2	1	YES

106.	Valente-Santos J., Vitorino R., Sousa-Mendes C., Oliveira P., Colaço B., Faustino-Rocha A.I., Neuparth M.J., Leite-Moreira A., Duarte J.A., Ferreira R., Amado F. (2024). Long-Term Exposure to Supraphysiological Levels of Testosterone Impacts Rat Submandibular Gland Proteome. <i>International Journal of Molecular Sciences</i> . 25 (1). art. no. 550	https://doi.org/10.3390/ijms25010550	International Journal of Molecular	4.9	1	YES
107.	Varandas P.A.M.M., Belinha R., Cobb A.J.A., Prates Ramalho J.P., Segundo M.A., Loura L.M.S., Silva E.M.P. (2024). Flow-based bioconjugation of coumarin phosphatidylethanolamine probes: Optimised synthesis and membrane molecular dynamics studies. <i>Biochimica et Biophysica Acta - Biomembranes</i> . 1866 (7). art. no. 184335	https://doi.org/10.1016/j.bbame.2024.184335	Biochimica et Biophysica Acta (BBA) - Biomembranes	2.8	1	YES
108.	Vedovello P., Fernandes C., Tiritan M.E., Paranhos C.M. (2024). Chiral mixed matrix membranes with the (S,S)-Whelk-0®1 selector supported on polyethersulfone/MCM-41. <i>New Journal of Chemistry</i> . 48 (21). pp. 9522 - 9533	https://doi.org/10.1039/D4NJ00163J	New Journal of Chemistry	2.7	2	NO
109.	Vieira S.F., Gonçalves S.M., Gonçalves V.M.F., Tiritan M.E., Cunha C., Carvalho A., Reis R.L., Ferreira H., Neves N.M. (2024). Evaluation of Echinacea purpurea Extracts as Immunostimulants: Impact on Macrophage Activation. <i>Planta Medica</i> . 90 (15). pp. 1143 - 1155	DOI: 10.1055/a-2436-9664	Planta Medica	NA	2	YES
110.	Vollset S.E., et al. (2024). Burden of disease scenarios for 204 countries and territories, 2022–2050: a forecasting analysis for the Global Burden of Disease Study 2021. <i>The Lancet</i> , 403(10440), 2204–56.	https://doi.org/10.1016/S0140-6736(24)00685-8	The Lancet	98.4	1	YES
111.	Wagner T.M., Pöntinen A.K., Fenzel C.K., Engi D., Janice J., Almeida-Santos A.C., Tedim A.P., Freitas A.R., Peixe L., van Schaik W., Johannessen M., Hegstad K. (2024). Interactions between commensal <i>Enterococcus faecium</i> and <i>Enterococcus lactis</i> and clinical isolates of <i>Enterococcus faecium</i> . <i>FEMS Microbes</i> . 5	https://doi.org/10.1093/femsmc/xtae009	FEMS Microbes	2.6	3	YES

RESEARCH PROJECTS

5.RESEARCH PROJECTS

5.1. SUBMITTED APPLICATIONS

5.1.1. Call for Projects

1. **Call:** Concurso de Projetos de IC&DT em Todos os Domínios Científicos 2023 | **Project Reference:** COMEPTE2030-FEDER-0081400 | **Project Title:** Desenvolviemnto de ferramentas assistidas por inteligência artificial para aplicação e avaliação do impacto de cuidados farmacêuticos integrados no doente oncológico com toxicidade dermatológica iatrogénica. | **PI:** Ana Isabel Pacheco Teixeira (1H-TOXRUN, IUCS-CESPU) | **Principal Contractor:** CESPU | **Participating Organizations:** Fundação de Psicologia e Ciências de Educação da UP; Fundação Ensino e Cultura Fernando Pessoa; Unidade Local de Saúde do Tâmega e Sousa. | **Funding entity:** FCT | **Funding requested:** 249.480,00 €
2. **Call:** MPr-2023-12 - SACCT - Projetos de IC&DT | **Project Reference:** Projeto nº 16422 | **Project Title:** Nutrição, Músculo & Força. | **PI:** Teresa Amaral | **Principal Contractor:** Universidade do Porto | **Members CESPU:** Ana Rita Sousa Santos. | **Funding entity:** FCT | **Funding requested:** 249 480,00 €
3. **Call:** MPr-2023-12 - SACCT - Projetos de IC&DT | **Project Reference:** Project nº: 16647 | **Project Title:** Cannabis-MHOD - Cannabis in pregnancy: how to mitigate the effects on the child's neurobehavioral development? | **PI:** Susana Sá (FMUP) | **Principal Contractor:** FMUP | **Members CESPU:** Sandra Leal, Cristina Couto, Ana Isabel Teixeira, Ana Sousa. | **Funding entity:** FCT | **Funding requested:** 249 912,00 €
4. **Call:** Concurso de Projetos de IC&DT em Todos os Domínios Científicos 2023 | **Project Reference:** COMPETE2030-FEDER-00911100 | **Project Title:** Nano-toolbox probe for enantioselective recognition of D-aminoacids. | **PI:** Eduarda Marlene Peixoto da Silva (CESPU) | **Principal Contractor:** CIIMAR | **Participating Organizations:** CESPU, IST-ID; REQUIMTE. | **Funding entity:** FCT | **Funding requested:** 247 104,00 € (47 520,00 € CESPU)
5. **Call:** Concurso de Projetos de IC&DT em Todos os Domínios Científicos 2023 | **Project Reference:** -- | **Project Title:** Fungal sialidase 1: a novel therapeutic target for Sporothrix brasiliensis infections | **PI:** Eduarda Marlene Peixoto da Silva (CESPU) | **Principal Contractor:** ICVS | **Participating Organizations:** CESPU; IST-ID; REQUIMTE | **Funding entity:** FCT | **Funding requested:** 174 528,00 € (47 520,00 € CESPU)
6. **Call:** Concurso de Projetos de IC&DT em Todos os Domínios Científicos 2023 | **Project Reference:** COMPETE2030-FEDER-00871900 | **Project Title:** A nanoplataform for snapshot detection of single molecule biomarkers | **PI:** Eduarda Marlene Peixoto da Silva (CESPU) | **Principal Contractor:** IST-ID | **Participating Organizations:** CESPU; LAQV-REQUIMTE-UA | **Funding entity:** FCT | **Funding requested:** 178 113,60 € (35 424,00 € CESPU)
7. **Call:** Concurso de Projetos de IC&DT em Todos os Domínios Científicos 2023 | **Project Reference:** COMPETE2030-FEDER-00863700 | **Project Title:** Explorar o potencial multidimensional da ascite do cancro do ovário para testes personalizados. | **PI:** Sara Alexandra Vinhas Ricardo | **Principal Contractor:** CESPU | **Participating Organizations:** IPO PORTO - Instituto Português de Oncologia do Porto. | **Funding entity:** FCT | **Funding requested:** 249 955,2 € (192 931,2 € CESPU)

8. **Call:** Concurso de Projetos de IC&DT em Todos os Domínios Científicos 2023 | **Project Reference:** COMPETE2030-FEDER-00805100 | **Project Title:** Terapia Combinada com inibidores da CHI3L1 em modelos avançados de cancro pancreático: No caminho para Ultrapassar a resistência aos fármacos. | **PI:** Cristina Pinto Ribeiro Xavier | **Principal Contractor:** CESPU | **Participating Organizations:** I3S- Instituto de Investigação e Inovação em Saúde da Universidade do Porto. | **Funding entity:** FCT | **Funding requested:** 249 696 € (108 000 € CESPU)
9. **Call:** Concurso de Projetos de IC&DT em Todos os Domínios Científicos 2023 | **Project Reference:** COMPETE2030-FEDER-00813300 | **Project Title:** Safety profile and therapeutic potential of psilocybin and other Psilocybe mushrooms' phytochemicals for the treatment of depression: A preclinical study. | **PI:** Áurea Marília Madureira e Carvalho | **Principal Contractor:** CESPU | **Participating Organizations:** REQUIMTE-LAQV. | **Members from CESPU:** Áurea Carvalho, Ricardo Dinis-Oliveira, Andreia Brito da Costa, Mariana Carvalho, Carolina Pereira, Manuela Oliveira | **Funding entity:** FCT | **Funding requested:** 249 912 € (106 272 € CESPU)
10. **Call:** Concurso de Projetos de IC&DT em Todos os Domínios Científicos 2023 | **Project Reference:** -- | **Project Title:** S2IOB - Promoting Sustainability and Safety through Indigenous Poultry Breeds. | **PI:** Carla Isabel Silva Miranda; Nuno Vieira e Brito (Project Members) | **Principal Contractor:** -- | **Participating Organizations:** IPVC; INIAV; AMIBA. | **Funding entity:** FCT | **Funding requested:** --€
11. **Call:** Concurso de Projetos de IC&DT em Todos os Domínios Científicos 2023 | **Project reference:** 2023.17149 | **Project Title:** Olive tree extracts: Pioneering nutritional solutions for Alzheimer's prevention and sustainable health | **PI (Institution):** Paula Silva (ICBAS) | **Principal contractor:** ICBAS | **Participating Organizations:** CESPU, REQUIMTE | **Project Members:** Maria Moreira, Fátima Martins, Marlene Costa, Ricardo Hipólito, Maria Carolina Pereira, Maria Joana Barbosa, Juliana Faria, Nuno Milhazes, Sandra Leal | **Funding entity:** FCT | **Funding requested:** 249 609.6€
12. **Call:** Concurso de Projetos de IC&DT em Todos os Domínios Científicos 2023 | **Project Reference:** MPR_2023_12 | **Project Title:** LIGHT2H2O - Sustainable route for green hydrogen production from wastewater. | **PI:** Cláudia Maria Rosa Ribeiro (CESPU) | **Principal Contractor:** Faculdade de Engenharia da Universidade do Porto - FEUP | **Participating Organizations:** CESPU. | **Funding entity:** FCT | **Funding requested:** 237 600 € (85 536 € CESPU)
13. **Call:** Concurso de Projetos Exploratórios em Todos os Domínios Científicos 2023 | **Project Reference:** 2023.13188.PEX | **Project Title:** Raças Bovinas Autóctones: Dinâmica de Uma Só Saúde na Resistência Antimicrobiana de Enterobacteriales. | **PI:** Carla Isabel Silva Miranda | **Principal Contractor:** CESPU | **Participating Organizations:** Instituto Português Oncologia do Porto Francisco Gentil, EPE; Federação Nacional das Associações de Raças Autóctones. | **Funding entity:** FCT | **Funding requested:** 50 000 €
14. **Call:** Concurso de Projetos Exploratórios em Todos os Domínios Científicos 2023 | **Project Reference:** -- | **Project Title:** --. | **PI:** Patrícia Barradas | **Principal Contractor:** CESPU | **Participating Organizations:** --. | **Funding entity:** FCT | **Funding requested:** -- €
15. **Call:** Concurso de Projetos Exploratórios em Todos os Domínios Científicos 2023 | **Project Reference:** 2023.15244.PEX | **Project Title:** Estabelecimento de um repositório de esqueletos humanos contemporâneos: Avanços na identificação humana, análise de trauma esquelético e deteção de marcadores de doenças infecciosas. | **PI:** Inês Alexandra Costa de Morais Caldas (1H-TOXRUN, IUCS-CESPU) | **Principal Contractor:** CESPU | **Participating Organizations:** Faculdade de Medicina Dnetária da Universidade do Porto; ISPUP - Instituto de Saúde Pública da Universidade do Porto. | **Funding entity:** FCT | **Funding requested:** 49 956,2 €
16. **Call:** Concurso de Projetos Exploratórios em Todos os Domínios Científicos 2023 | **Project Reference:** 2023.11312.PEX | **Project Title:** Microambiente Imunológico do Omento: O Papel dos "Milky Spots" em Contexto de Apendicite. | **PI:** Albina Dolores Resende | **Principal Contractor:** CESPU | **Participating Organizations:** --. | **Funding entity:** FCT | **Funding requested:** 49 965 €
17. **Call:** Concurso de Projetos Exploratórios em Todos os Domínios Científicos 2023 | **Project Reference:** 2023.12980.PEX | **Project Title:** Ciência para os Pequenos: Promovendo a Literacia em Saúde no pré-escola. | **PI:** Patrícia Manuela Areias da Silva | **Principal Contractor:** CESPU | **Participating Organizations:** Universidade Federal de Minas Gerais; Associação Teatro Construção. | **Funding entity:** FCT | **Funding requested:** 49 375 €

18. **Call:** Concurso de Projetos Exploratórios em Todos os Domínios Científicos 2023 | **Project Reference:** 2023.13302.PEX | **Project Title:** Desenvolvimento de uma caixa de ferramentas MATLAB para uma análise melhorada de dados cromatográficos adquiridos por HPLC-DAD usando separação matemática. | **PI:** Guillaume Laurent Erny | **Principal Contractor:** CESPU | **Participating Organizations:** --. | **Funding entity:** FCT | **Funding requested:** 48 399,51 €
19. **Call:** Concurso de Projetos Exploratórios em Todos os Domínios Científicos 2023 | **Project Reference:** 2023.13069.PEX | **Project Title:** ASEPTIC: Na vanguarda de um diagnóstico mais preciso de bacteriemias por *Enterococcus faecium*. | **PI:** Ana Raquel Pinho Freitas Fernandes | **Principal Contractor:** CESPU | **Participating Organizations:** FFUP (Faculdade Farmácia do Porto) Hospital Pedro Hispano. | **Funding entity:** FCT | **Funding requested:** 49 791,8 €
20. **Call:** Concurso de Projetos Exploratórios em Todos os Domínios Científicos 2023 | **Project Reference:** 2023.13443.PEX | **Project Title:** Design de novos simbióticos para o tratamento de biofilmes orais de *Candida* para futura aplicações clínicas. | **PI:** Célia Fortuna Rodrigues | **Principal Contractor:** CESPU | **Participating Organizations:** FE-UP; Department of Morphology, Faculty of Medicine, Federal University of Ceará. | **Funding entity:** FCT | **Funding requested:** 49 600 €
21. **Call:** Concurso de Projetos Exploratórios em Todos os Domínios Científicos 2023 | **Project Reference:** 2023.13309.PEX | **Project Title:** Impacto de estímulos tóxicos e agentes farmacológicos na aptidão de neurónios desmielinizados e suas mitocôndrias. | **PI:** Daniel José de Costa Barbosa | **Principal Contractor:** CESPU | **Participating Organizations:** Instituto de Investigação e Inovação em Saúde da Universidade do Porto - Associação. | **Funding entity:** FCT | **Funding requested:** 49 998,75 €
22. **Call:** Concurso de Projetos Exploratórios em Todos os Domínios Científicos 2023 | **Project Reference:** 2023.11600.PEX | **Project Title:** Insights into microplastics from plastic food packaging (iMPack). | **PI:** Joana Correia Prata | **Principal Contractor:** CESPU | **Participating Organizations:** University of Granada. | **Members from CESPU:** Joana C. Prata, Juliana Faria, Joana Barbosa | **Funding entity:** FCT | **Funding requested:** 44 575.00 €
23. **Call:** Concurso de Projetos Exploratórios em Todos os Domínios Científicos 2023 | **Project Reference:** Gd-DOTAKidneySafety | **Project Title:** Assessing efficacy of chelation therapy in Gd-DOTA exposure in renal insufficiency | **PI:** Alice Santos-Silva | **Principal Contractor:** FFUP-UCIBIO | **Members from CESPU:** Susana Coimbra | **Funding entity:** FCT | **Funding requested:** 123.842,40 €
24. **Call:** Concurso de Projetos Exploratórios em Todos os Domínios Científicos 2023 | **Project Reference:** 2023.13309.PEX | **Project Title:** Impact of toxic stimuli and pharmacological interventions on the fitness of demyelinated neurons and their mitochondria | **PI:** Daniel José Barbosa | **Principal Contractor:** CESPU | **Participating Organizations:** i3S, UCIBIO-FFUP | **Members from CESPU:** Ana Filipa Sobral, Bárbara Pinto | **Funding entity:** FCT | **Funding requested:** 49 998,75 €
25. **Call:** Concurso de Projetos Exploratórios em Todos os Domínios Científicos 2023 | **Project Reference:** 2023.13309.PEX | **Project Title:** Impact of toxic stimuli and pharmacological interventions on the fitness of demyelinated neurons and their mitochondria | **PI:** Daniel José Barbosa | **Principal Contractor:** CESPU | **Participating Organizations:** i3S, UCIBIO-FFUP | **Members from CESPU:** Ana Filipa Sobral, Bárbara Pinto | **Funding entity:** FCT | **Funding requested:** 49 998,75 €
26. **Call:** CaixaImpulse Innovation 2024 | **Project Reference:** CI24-10452 | **Project Title:** Impact of toxic stimuli and psychotropic on demyelinated neurons and their mitochondria | **PI:** Daniel José Barbosa | **Principal Contractor:** CESPU | **Participating Organizations:** i3S, UCIBIO-FFUP | **Members from CESPU:** Ana Filipa Sobral, Bárbara Pinto | **Funding entity:** La Caixa Foundation | **Funding requested:** 49 990,00 €
27. **Call:** CaixaResearch Health 2025 | **Project Reference:** HR25-00681 | **Project Title:** PerMonCH - Pesticide exposure on Mother and Child Health: Targeting the Hypothalamic Regulatory Pathways | **PI:** Sandra Leal (1H-TOXRUN, IUCS-CESPU) | **Consortium Lead Organization:** CESPU | **Participating Organizations of Consortium:** Universidade do Porto, Universidade de Aveiro | **Members from CESPU:** Cláudia Ribeiro, Cristina Couto, Eduarda Silva, Virgínia Gonçalves, Ana Catarina Pinto de Sousa | **Funding entity:** La Caixa Foundation | **Funding requested:** 999 682,78 €

- 28. Call:** BIAL 2024 | **Project Reference:** 217/2024 | **Project Title:** Human-dog attachment: cognitive, emotional, functional, and reciprocal neuropsychophysiological effects in later life | **PI:** Joana Pinto, **CoPI:** Bruno Peixoto (Departamento de Ciências sociais e do Comportamento do IUCS-CESPU & 1H-TOXRUN, IUCS-CESPU); Nuno Vieira e Brito, João Pedro Silva Monteiro (Departamento de Ciências Veterinárias do IUCS-CESPU); Niwako Ogata (Purdue University College of Veterinary Medicine); Ana Belén Del Pino Morales (Departamento de Psicología da Universidad Rey Juan Carlos) | **Funding requested:** 60.000 €
- 29. Call:** (Município do Porto) Projetos do Plano de Ação “Porto Cidade Amiga das Pessoas Idosas” 2025 | **Project Reference:** NeuroProxy | **PI:** Joana Pinto; **Co-PI:** Bruno Peixoto (Departamento de Ciências sociais e do Comportamento do IUCS-CESPU & 1H-TOXRUN, IUCS-CESPU) | **Funding requested:** 40.000 €
- 30. Call:** Play4Change 2025 | **Project Title:** Pedagogical Game for Teaching Forensic Sciences | **PI:** Rui Azevedo | **Principal Contractor:** IUCS-CESPU | **Members from CESPU:** Rui Azevedo, Diana Fernandes, Áurea Carvalho | **Funding entity:** GiX – Centro di Ricerca sui Giochi per il Cambiamento Sociale, Università degli Studi di Firenze UNIFI

5.1.2. Individual Calls

1. **Call:** Concurso Estímulo ao Emprego Científico Individual - 7.ª Edição (2024) | **Project Reference:** 2024.09999.CEECIND | **Project Title:** Nanodrug Delivery Targeting of Cancer-Associated Fibroblasts and Senescence in the Oral Tumor Microenvironment. | **Applicant:** Ana Cristina Henriques | **Principal Contractor:** CESPU | **Funding entity:** FCT
2. **Call:** Concurso Estímulo ao Emprego Científico Individual - 7.ª Edição (2024) | **Project Reference:** 2024.11387.CEECIND | **Project Title:** Psychoactive plants: An integrated approach to explore the toxicological risks, therapeutic potential, and the discovery of new compounds. | **Applicant:** Andreia Oliveira | **Principal Contractor:** CESPU | **Funding entity:** FCT

5.2. FUNDED PROJECTS

5.2.1. With Internal Funding

1. **Project:** AGE-HEIGHT_GI2-CESPU-2023 - Advancing Geriatric Estimations of height using alternative methods. | **PI:** Ana Rita Sousa Santos | **Project member:** José Carlos Leitão Portugal Nunes; Maria Inês Pádua Correia Dos Santos Silva; | **Funding entity:** GI2-CESPU | **Funding:** 2.200 € | **Period covered:** 22.04.2024 - 21.04.2025
2. **Project:** ARNI_GI2-CESPU-2023 - Allergic rhinitis: The evaluation of neuroinflammation in the olfactory pathway and limbic system | **PI:** Kristof René Gerarda Raemdonck | **Project member:** Jorge Rodrigues; Susana Sá | **Funding entity:** GI2-CESPU | **Funding:** 4.000 € | **Period covered:** 22.04.2024 - 21.04.2025
3. **Project:** EnteroGEN_GI2-CESPU-2023 - Within-cattle breeds dynamics of antibiotic-resistant Enterobacteriaceae: molecular characterization of resistance mechanisms from a One Health perspective | **PI:** Carla Isabel Silva Miranda | **Project member:** Sandra Maria Basílio Quinteira; Alexandre Nuno Vaz Batista de Vieira e Brito; Luís André de Oliveira Pinho; Ana Raquel Freitas; Carla Manuela Moutinho Campos | **Funding entity:** GI2-CESPU | **Funding:** 4.200 € | **Period covered:** 22.04.2024 - 21.04.2025
4. **Project:** EpiNeuro_GI2-CESPU-2023 - Study of the neuronal and epigenetic effects of psilocybin, psilocin, LSD, 5-MeO-DMT and mescaline. | **PI:** Diana Cristina Dias da Silva | **Project member:** Ricardo Jorge Dinis Oliveira; Áurea Marília Madureira e Carvalho; Nelson Gonçalo Mortágua Gomes; Andreia Machado Brito da Costa; Mariana Sofia Silva Carvalho | **Funding entity:** GI2-CESPU | **Funding:** 2.000 € | **Period covered:** 22.04.2024 - 21.04.2025
5. **Project:** ESSIL17PD_GI2-CESPU-2023 - Exploratory study of salivary IL-17A and IL-17E levels in periodontal disease: gingivitis versus periodontitis. | **PI:** Alexandra Mónica Viana da Costa | **Project member:** Ricardo Jorge Leal Silvestre; Marta Mendonça Moutinho Relvas; Maria Cristina Paiva-Manso Trigo Cabral; Maria Dos Prazeres da Silva Gonçalves | **Funding entity:** GI2-CESPU | **Funding:** 3.000 € | **Period covered:** 22.04.2024 - 21.04.2025
6. **Project:** GAI-CCVOHC_GI2-CESPU-2023- The Integration of Generative Artificial Intelligence into Care Coordination for Value-Oriented Health Services. | **PI:** Nuno Araújo | **Project member:** Ana Paula Harfouche, Maria Clara Simões, Lurdes Teixeira, Maria Begoña Criado, Maria do Ceu Monteiro, Jorge Ribeiro | **Funding entity:** GI2-CESPU | **Funding:** 3.000 € | **Period covered:** 22.04.2024 - 21.04.2025
7. **Project:** GIARDCat_GI2-CESPU-2023- Circulation of Giardia duodenalis assemblages in treatment-refractory cats. | **PI:** Patrícia Alexandra Pacheco Ferreira Barradas | **Project member:** João Rodrigo Mesquita; Alexandre Nuno Vaz Batista de Vieira Brito; Sónia Vilar Gomes de Sá; Sara Maria Gomes Gonçalves | **Funding entity:** GI2-CESPU | **Funding:** 3.700 € | **Period covered:** 22.04.2024 - 21.04.2025
8. **Project:** ImmunoT40C_GI2-CESPU-2023 - Exploring the effectiveness of pitavastatin to potentiate immunotherapy using ovarian cancer ascites immune-organoid cultures. | **PI:** Sara Alexandra Vinhas Ricardo | **Project member:** Ricardo Jorge Dinis Oliveira; Ricardo Jorge Leal Silvestre; Diana Luísa de Almeida Nunes; Carla Bartosch; Miguel Henriques Abreu; Mariana Oliveira Nunes | **Funding entity:** GI2-CESPU | **Funding:** 4.400 € | **Period covered:** 22.04.2024 - 21.04.2025
9. **Project:** InCyEnMi_GI2-CESPU-2023 - Exploring inflammatory cytokines profile and the role of L-PRF against endogenous microorganisms from donors. | **PI:** Maria do Céu Rodrigues Monteiro | **Project member:** Cristina Maria Leal Moreira Coelho; Maria Begoña Criado; Paulo Manuel Cruz Miller; António Augusto Melo Ferraz | **Funding entity:** GI2-CESPU | **Funding:** 3.200 € | **Period covered:** 22.04.2024 - 21.04.2025

10. **Project:** MICROEXPOS_GI2-CESPU-2023 - Human Exposure to Microplastics: Evaluation of Food and Air Contamination. | **PI:** Joana Correia Prata | **Project member:** Juliana da Conceição Fernandes de Faria; Maria Joana Barbosa; Jessica Leonarda Gaspar Lucala | **Funding entity:** GI2-CESPU | **Funding:** 2.500 € | **Period covered:** 22.04.2024 - 21.04.2025
11. **Project:** NARES_GI2-CESPU-2023 - Nasal colonization by Staphylococcus aureus in Health Sciences students: insights into lifestyle factors, antimicrobial resistance and virulence profiles. | **PI:** Ana Raquel Pinho Freitas Fernandes | **Project member:** Carla Alexandra Novais de Oliveira e Silva; Sandra Maria Basílio Quinteira; Carla Isabel Silva Miranda; Cristina Maria Leal Moreira Coelho; Maria do Pranto Valente Braz; Patricia Manuela Moreira Pacheco; Rui Miguel Simões de Azevedo; Joana Correia Prata; Carla Manuela Moutinho Campos | **Funding entity:** GI2-CESPU | **Funding:** 4.200 € | **Period covered:** 22.04.2024 - 21.04.2025
12. **Project:** NToxAtOpi_GI2-CESPU-2023 - Study of the neurotoxic potential of atypical opioids – combining in vitro and in vivo approaches. | **PI:** Juliana da Conceição Fernandes de Faria | **Project member:** Maria Joana Almeida Rodrigues Barbosa; Ricardo Jorge Dinis-Oliveira; Andrea Teixeira da Cunha; Ana Rita Dantas de Barros; | **Funding entity:** GI2-CESPU | **Funding:** 4.000 € | **Period covered:** 22.04.2024 - 21.04.2025
13. **Project:** OMilkSAP_GI2-CESPU-2023 - Omentum Immune Microenvironment: the role of Milky Spots in the Acute Appendicitis Context. | **PI:** Albina Dolores Cardoso da Silva Castro Resende | **Project member:** Maria José Cardoso Oliveira; Sara Alexandra Vinhas Ricardo; Carla Maria de Carvalho Batista Pinto; Márcio Teodoro da Costa Gaspar; Diana Luísa de Almeida Nunes; Emília Fernanda Freitas Garcez; Tomás Moura Rodrigues | **Funding entity:** GI2-CESPU | **Funding:** 3.700 € | **Period covered:** 22.04.2024 - 21.04.2025
14. **Project:** ORPasTeA_GI2-CESPU-2023 - Occurrence and risk assessment of pyrrolizidine alkaloids and trace elements in commercial tea and herbal infusions. | **PI:** Sandra Carla Ferreira Leal | **Project member:** Cláudia Maria Rosa Ribeiro; Cristina Maria Cavadas Morais Couto; Maria Inês Pádua Correia Dos Santos Silva; Virgínia M. F. Gonçalves; Ana Catarina Pinto de Sousa; Agostinho Almiro de Almeida; Ana Rita Ribeiro | **Funding entity:** GI2-CESPU | **Funding:** 4.400 € | **Period covered:** 22.04.2024 - 21.04.2025
15. **Project:** PhytoCandd_GI2-CESPU-2023 - Preventive and therapeutic potential of novel plants extracts in oral candidiasis. | **PI:** Célia Fortuna | **Project member:** José Carlos Andrade; Paulo Alexandre Martins de Abreu Rompante; Marie Odile Madeleine Maziere; Lilian Barros; Nuno Filipe Azevedo; Andreia Azevedo | **Funding entity:** GI2-CESPU | **Funding:** 3.500 € | **Period covered:** 22.04.2024 - 21.04.2025
16. **Project:** POUCAMRISK_GI2-CESPU-2023 - The risk of campylobactere in poultry production - The effect of the production system and breed. | **PI:** Alexandre Nuno Vaz Batista De Vieira E Brito | **Project member:** Carla Isabel Silva Miranda; Sónia Maria Gomes Batista; Isabel Maria Barreira Afonso Paula; Mariana Alves Caipira Lei | **Funding entity:** GI2-CESPU | **Funding:** 3.500 € | **Period covered:** 22.04.2024 - 21.04.2025
17. **Project:** PsiloTox_GI2-CESPU-2023 - Antidepressant potential and toxicity induced by psilocybin and magic mushrooms administration in rats. | **PI:** Ricardo Jorge Dinis Oliveira | **Project member:** Diana Cristina Dias da Silva; Áurea Marília Madureira e Carvalho; Rui Miguel Simões de Azevedo; Mariana Sofia Silva Carvalho; Andreia Machado Brito da Costa | **Funding entity:** GI2-CESPU | **Funding:** 4.000 € | **Period covered:** 22.04.2024 - 21.04.2025
18. **Project:** XRED-AA_GI2-CESPU-2023- Xanthones and Rhodamine-based fluorophores for the Enantioselective recognition of D-Amino Acids linked to Alzheimer disease. | **PI:** Eduarda Marlene Peixoto da Silva | **Project member:** Vanda Isabel Roldão Canelas Vaz Serra; Maria Elizabeth Tiritan; Carla Sofia Garcia Fernandes; Sofia Costa Lima; Virgínia Maria Ferreira Gonçalves; Carlos Jorge Azevedo Costa Ribeiro; Maria Margarida Pires Borges | **Funding entity:** GI2-CESPU | **Funding:** 4.200 € | **Period covered:** 22.04.2024 - 21.04.2025

5.2.2. With National External Funding (FTC, other)

1. **Project:** -- | **Title:** VetPAT - Veterinary portable device for blood analysis based on Spectroscopy and Artificial Intelligence. | **PI:** Rui Costa Martins (INESCTEC)| **Project Member:** Teresa Barroso | **Funding entity:** INESCTEC Internal project | **Period covered:** 2016 to present.
2. **Project:** 09/C05-i03/2021 – PRR-C05-i03-I-000134 | **Title:** PhenoBot - Fotónica Inteligente para Fenotipagem de Culturas Agro-Alimentares. Bolsa de Iniciativas: PRR: 190 | **PI:** Rui Costa Martins (INESCTEC) | **Project Member:** Teresa Barroso | **Funding entity:** PRR/IFAP | **Period covered:** 10.2022 to 09.2025.
3. **Project:** 2022.02124.PTDC | **Title:** CLEANWATER: Exploring the microbial diversity of water supply systems for early detection of emerging micropollutants | **PI:** Carla Novais. FFUP | **Co-PI:** Patrícia Antunes. FCNAUP | **Project member:** Ana R. Freitas. Bárbara Duarte. Luísa Peixe. Agostinho Almeida et al. | **Principal contractor:** REQUIMTE | **Participating:** CESPU. FFUP. FCNAUP. Águas de Douro e Paiva. Portugal | **Funding entity:** FCT-Fundação para a Ciência e Tecnologia | **Funding:** 50.000€ | **Period covered:** 01.03.2023 to 31.12.2024.
4. **Project:** 2022.02842.PTDC | **Title:** STAR - STereoselective environmental processes in Antibiotics: role for Resistance. | **PI:** Ana Rita Lado (FEUP) | **Co-PI:** Cláudia Ribeiro | **Project Member:** Adrián Silva. Alexandra Maia. Ana Margarida Teixeira. Ariana Pereira. Célia Rodrigues. Cláudia Guerreiro. Maria Elizabeth Tiritan. Sara Cravo. Virgínia Gonçalves | **Principal contractor:** FEUP | **Participating:** CESPU. FFUP. UCP | **Funding entity:** FCT-Fundação para a Ciência e Tecnologia | **Funding:** 249.802.50€ | **Period covered:** 01.03.2023 to 28.02.2026.
5. **Project:** 2022.08400.PTDC | **Title:** Biomarkers for gadolinium renal injury | **PI:** Alice Santos-Silva. UCIBIO-FFUP | **Co-PI:** Susana Coimbra | **Project Member:** Susana Rocha. Luís Belo. Cristina Catarino. Elsa Bronze-da-Rocha. Flávio Reis. Sofia Viana. Renata Araújo da Silva. Maria João Valente | **Principal contractor:** REQUIMTE | **Participating:** CESPU. FFUP. Universidade de Coimbra. Portugal; National Food Institute - Technical University of Denmark | **Funding entity:** FCT (Fundação para a Ciência e Tecnologia) | **Funding:** 49976.30€ | **Period covered:** 01-03-2023 to 31-07-2024.
6. **Project:** 2022.08738.PTDC | **Title:** DRopH2O - Drinking water quality: early warning and removal of microcontaminants by innovative carbon-based materials. | **PI:** Adrián Silva (FEUP)| **Co-PI:** Alexandra Maia | **Project Member:** Ana Rita Lado. André Pinto. Cláudia Guerreiro. Cláudia Ribeiro. Joana Pesqueira. Manuel Pereira. Maria Elizabeth Tiritan. Marta Pedrosa. Rui Ribeiro | **Principal contractor:** FEUP | **Participating:** CESPU. FFUP | **Funding entity:** FCT-Fundação para a Ciência e Tecnologia | **Funding:** 249.802.50€ | **Period covered:** 01.03.2023 to 28.02.2026.
7. **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
8. **Project:** LA/P/0070/2020 | **Title:** Institute for Research and Innovation in Health | **PI:** Cláudio Sunkel (i3S) | **Project Member:** Sara Ricardo | **Principal contractor:** i3S | **Participating:** -- | **Funding entity:** FCT-Fundação para a Ciência e Tecnologia | **Funding:** 19.632.579.00€ | **Period covered:** 01.01.2021 to 31.12.2025.
9. **Project:** PTDC/ASP-HOR/1338/2021 | **Title:** OmicBots - High-Throughput Integrative Omic-Robots Platform for a Next Generation Physiology-based Precision Viticulture. | **PI:** Mário Cunha (FCUP/ INESCTEC) | **Project Member:** Teresa Barroso | **Funding entity:** FCT | **Period covered:** 16.01.2022 to 15.01.2025.
10. **Project:** PTDC/BIA-BMA/6363/2020 | **Title:** Myxosporea – life cycle and genomics of fish host recognition and invasion | **Acronym:** MyxOmics | **PI:** Sónia Rocha | **Co-PI:** Pedro Rodrigues | **Project Member:** Graça Casal | **Principal contractor:** I3S | **Participating:** CIIMAR. IPMA. I3S | **Funding entity:** FCT-Fundação para a Ciência e Tecnologia | **Funding:** 239.849.87€ | **Period covered:** 2021 to 2024.
11. **Project:** PTDC/BIA-CEL/1321/2021 | **Title:** Axonal transport regulation by motor-cargo adaptors. | **Project Member:** Daniel Barbosa | **Funding entity:** FCT. | **Period covered:** 01.01.2022 to 31.12.2024
12. **Project:** PTDC/CTA-AMB/0853/2021 | **Title:** NIAF - Sustainable antifouling agents: from grape wastes to the sea with the green chemistry leading the way. | **Project Member:** Paolo De Marco. Maria Elizabeth Tiritan. Alexandra Maia. Virgínia Gonçalves | **Funding entity:** FCT (aprovado para financiamento. a iniciar em 2022). | **Period covered:** 01.01.2022 to 31.05.2025

13. **Project:** PTDC/CTA-AMB/0934/2021 | **Title:** BioPlasMar - Plastic removal and valorization of marine resources through new product development. | **Project Member:** José Carlos Andrade, Virgínia Gonçalves | **Funding entity:** FCT. | **Period covered:** 17.01.2022 to 06.06.2025
14. **Project:** PTDC/CTA-AMB/6686/2020 | **Title:** EnantioTox - Enantioselective ecotoxicity and bioaccumulation of psychoactive substances | **PI:** Cláudia Ribeiro | **Co-PI:** João Carrola | **Project Member:** Maria Elizabeth Tiritan, Virgínia Gonçalves, Alexandra Maia, Cristina Couto | **Principal contractor:** CESPU-IINFACTS | **Participating:** UTAD, FEUP, FFUP, UM | **Funding entity:** FCT-Fundação para a Ciência e Tecnologia | **Funding:** 249.802.50€ | **Period covered:** 01.03.2021 to 31.08.2024
15. **Project:** LA/P/0063/2020 | **Title:** MyVet - Reagent-less point-of-care for veterinary blood analysis | **PI:** Rui Costa Martins (INESCTEC) | **Co-PI:** -- | **Project Member:** Teresa Barroso | **Principal contractor:** -- | **Participating:** -- | **Funding entity:** FCT-Fundação para a Ciência e Tecnologia | **Funding:** -- | **Period covered:** 2023-current
16. **Project:** POCI-01-0145-FEDER-031124 | **Title:** MetBots - Metabolomic robots with self-learning artificial intelligence for precision agriculture | **PI:** Rui Costa Martins (INESCTEC) | **Co-PI:** -- | **Project Member:** Teresa Barroso | **Principal contractor:** FCT- -- | **Participating:** -- | **Funding entity:** POCI Programa Operacional Competitividade e Internacionalização (COMPETE 2020) | **Funding:** 237 848,68 € | **Period covered:** 2018-current
17. **Project:** 09/C05-i03/2021 – PRR-C05-i03-I-000134 | **Title:** PhenoBot - Intelligent Photonics for Agri-Food Crop Phenotyping, Initiatives Exchange: PRR: 190 | **PI:** Rui Costa Martins (INESCTEC) | **Co-PI:** -- | **Project Member:** Teresa Barroso | **Principal contractor:** -- | **Participating:** -- | **Funding entity:** PRR/IFAP | **Funding:** 819 573,39 € | **Period covered:** 2022-current
18. **Project:** PTDC/ASP-HOR/1338/2021 | **Title:** OmicBots - High-Throughput Integrative Omic-Robots Platform for Next Generation Physiology-based Precision Viticulture | **PI:** Mário Cunha (FCUP/ INESCTEC) | **Co-PI:** -- | **Project Member:** Teresa Barroso | **Principal contractor:** -- | **Participating:** -- | **Funding entity:** FCT | **Funding:** -- € | **Period covered:** 2021-current
19. **Project:** UIDB/50014/2020 | **Title:** MyNPK - a system for high accuracy fertilizer quantification of nitrogen, phosphorous and potassium for precision hydroponics production | **PI:** Rui Costa Martins (INESCTEC) | **Co-PI:** -- | **Project Member:** Teresa Barroso | **Principal contractor:** -- | **Participating:** -- | **Funding entity:** FCT - Fundação para a Ciencia e a Tecnologia | **Funding:** -- € | **Period covered:** 2022-current
20. **Project:** ADI 46078 | **Title:** Smart Farm 4.0 - Smart solutions for sustainable agriculture, predictive and autonomous | **PI:** Filipe Santos (FEUP/ INESCTEC) | **Co-PI:** -- | **Project Member:** Teresa Barroso | **Principal contractor:** -- | **Participating:** -- | **Funding entity:** ADI (POCI-01- 0247-FEDER-046078) | **Funding:** -- € | **Period covered:** 2022-current
21. **Project:** PocketVet | **Title:** Towards On-Site Dairy Cow Mastitis Diagnosis in Your Pocket | **PI:** Rui Costa Martins (INESCTEC) | **Co-PI:** -- | **Project Member:** Teresa Barroso | **Principal contractor:** -- | **Participating:** -- | **Funding entity:** INESCTEC Internal project | **Funding:** -- € | **Period covered:** 2023-current
22. **Project:** SpecTOM | **Title:** Non-Invasive spectroscopy tomographic technology | **PI:** Filipe Santos (FEUP/ INESCTEC) | **Co-PI:** -- | **Project Member:** Teresa Barroso | **Principal contractor:** -- | **Participating:** -- | **Funding entity:** INESCTEC Internal project | **Funding:** -- € | **Period covered:** 2022-current

5.2.3. With International Funding

1. **Project:** -- | **Title:** Ultraprocessed foods and allergy outcomes: Stopping a global epidemic - task force. | **PI:** Joana C. Prata | **CESPU Project Member:** Inês Pádua | **Principal Contractor:** -- | **Funding entity:** European Academy of Allergy and Clinical Immunology (EAACI) | **Funding:** -- € | **Period covered:** 01.01.2024 – 31.12.2024
2. **Project:** APPLE 2024 | **Title:** Assessing prevalence, population structure and resistance mechanisms of linezolid-resistant enterococci – a multicenter study | **CESPU Project member:** Ana R. Freitas | **Funding entity:** ESCMID Research Grant

SUPERVISION/CO-SUPERVISION OF STUDENTS

6. SUPERVISION/CO-SUPERVISION OF STUDENTS

6.1. SUPERVISION/CO-SUPERVISION OF PhD THESIS

6.1.1. Concluded

- Grant:** SFRH/BD/139622/2018 | **PhD Student:** Daniela Melo | **Thesis title:** Erythrocyte Peroxidases in Non-Immune Hemolytic Anemias – Friends or Foes? | **Supervisor:** Alice Santos-Silva | **Co-supervisor:** Susana Coimbra and Susana Rocha | **Doctoral Program:** Doctoral Program in Pharmaceutical Sciences. University of Porto, FFUP | **Period covered:** 2019-2024
- Grant:** SFRH/BD/144289/2019 | **PhD Student:** Ofélia Godinho | **Thesis title:** Using Planctomycetes for the study of drifting of antibiotic resistance genes in nature | **Supervisor:** Olga Lage | **Co-supervisor:** Sandra Quinteira | **Doctoral Program:** Doctoral Program in Biology. University of Porto, FCUP | **Period covered:** 2020-2024
- Grant:** SFRH/BD/144401/2019 | **PhD Student:** Ana Paula Pereira | **Thesis title:** Response of Enterococcus spp. to Cationic Biocides Across Dynamic Environments: Phenotypic and Genotypic Insights | **Supervisor:** Carla Novais | **Co-supervisors:** Ana R. Freitas; Luísa Peixe | **Doctoral Program:** Doctoral Program in Pharmaceutical Sciences. University of Porto. FFUP | **Period covered:** 2020-2024
- Grant:** SFRH/BD/144877/2019 | **PhD Student:** Cátia Filipa Vieira de Carvalho | **Thesis title:** Functional characterization of the microtubule motor dynein in the *C. elegans* epidermis | **Supervisor:** Reto Gassmann | **Co-supervisor:** Daniel José Barbosa | **Doctoral Program:** Molecular and Cell Biology. i3S/ICBAS | **Period covered:** 2020-2024.
- Grant:** N.A. | **PhD Student:** Jorge Filipe Miranda Rodrigues | **Thesis title:** The influence of allergic rhinitis on depression and anxiety: a clinical and experimental study | **Supervisor:** Kristof René Gerarda Raemdonck | **Co-supervisor:** Armando Cardoso and Bernardo Manuel De Sousa Pinto | **Doctoral Program:** Doctoral Program in Medicine. University of Porto. FMUP | **Period covered:** 2019-2023

6.1.2. Ongoing

- Grant:** 2020.04720.BD | **PhD Student:** Mariana Nunes | **Thesis Title:** DRUG REPURPOSING AS A STRATEGY TO OVERCOME OVARIAN CANCER CHEMORESISTANCE | **Doctoral Programme:** Doutoramento em Patologia e Genética Molecular | **Hosting Institution(s):** I3S | **Institution that confer the doctoral degree:** ICBAS-UP | **Supervisor:** Sara Ricardo | **Co-Supervisor:** Raquel Almeida | **Period Covered:** 01.01.2021 – 01.01.2025
- Grant:** 2021. 151317.BD | **PhD Student:** Ana C. Almeida-Santos | **Thesis title:** Understanding the plasmidome and bacteriocinome of human contemporary Enterococcus spp. for future targeted therapies against multidrug-resistant infections | **Supervisor:** Ana R. Freitas | **Co-supervisors:** Carla Novais, Luísa Peixe | **Doctoral Program** in Pharmaceutical Sciences. University of Porto. FFUP | **Period covered:** 2021-2025

3. **Grant:** 2021.04999.BD | **PhD Student:** Andreia Machado Costa | **Thesis Title:** Untangling psilocybin's pharmacology, toxicity, epigenetics and gut microbiome impact: One step closer to a new antidepressant drug. | **Doctoral Programme:** Doutoramento em Ciências Biomédicas | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the doctoral degree:** IUCS - CESPU | **Supervisor:** Ricardo Dinis-Oliveira | **Co-Supervisor:** Aúrea Carvalho | **Period Covered:** 10.2021 – 09.2025
4. **Grant:** 2021.05081.BD | **PhD Student:** Diana Nunes | **Thesis Title:** Malignant ascites microenvironment kinetics during ovarian cancer metastization. | **Doctoral Programme:** Doutoramento em Ciências Biomédicas | **Hosting Institution(s):** 1H-TOXRUN; I3S | **Institution that confer the doctoral degree:** IUCS - CESPU | **Supervisor:** Ricardo Jorge Leal Silvestre | **Co-Supervisor:** Ricardo Dinis-Oliveira | **Period Covered:** 10.2021 – 09.2025
5. **Grant:** 2022.09843.BD | **PhD Student:** Ariana Pereira | **Thesis Title:** Enantioselective ecotoxicity and bioaccumulation of synthetic cathinones in aquatic organisms. | **Doctoral Programme:** Doutoramento em Ciências Biomédicas | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the doctoral degree:** IUCS - CESPU | **Supervisor:** Cláudia Ribeiro | **Co-Supervisor:** João Carrola; Maria Elizabeth Tiritan | **Period Covered:** 02.2023 – 01.2027
6. **Grant:** 2022.12242.BD | **PhD Student:** Ondina Ribeiro | **Thesis Title:** Aquatic and terrestrial enantioselective ecotoxicity and bioaccumulation of new psychoactive substances in zebrafish and earthworms. | **Supervisor:** João Carrola | **Co-supervisor:** Cláudia Ribeiro, Luís Félix | **Doctoral Programme:** Chemical and Biological Sciences of UTAD | **Hosting Institutions:** 1H-TOXRUN | **Institution that confer the doctoral degree:** UTAD | **Period Covered:** 10. 2022 – 10. 2026.
7. **Grant:** 2022.12874.BD | **PhD Student:** Ivan Langa | **Thesis Title:** New psychoactive substances: estimation of consumption by wastewater-based epidemiology and evaluation of their (eco)toxicity. | **Doctoral Programme:** Doutoramento em Ciências Biomédicas | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the doctoral degree:** IUCS - CESPU | **Supervisor:** Cláudia Ribeiro | **Co-Supervisor:** Maria Elizabeth Tiritan; Diana Cristina Dias da Silva | **Period Covered:** 01.2022 – 02.2026
8. **Grant:** 2023.04980.BD | **PhD Student:** Inês Silva Ferreira da Costa | **Thesis Title:** Biological characterization of synthetic analogues of sea-derived natural compounds as novel drug candidates for Alzheimer's Disease. | **Supervisor:** Renata Silva | **Co-supervisor:** Daniel José Barbosa and Emília Sousa | **Doctoral Programme:** Pharmaceutical Sciences University of Porto, Faculty of Pharmacy | **Hosting Institutions:** 1H-TOXRUN | **Institution that confer the doctoral degree:** FF-UP | **Period Covered:** 2023 - 2027.
9. **Grant:** 2024.00409.BD | **PhD Student:** Ana Rita Carvalho | **Thesis Title:** Exploring the impact of fluoroquinolones: biodegradation, bioaccumulation and ecotoxicity. | **Supervisor:** Cláudia Ribeiro | **Co-supervisor:** Ana Rita Ribeiro, Bruno Castro | **Doctoral Programme:** Doctoral in Environmental Chemistry | **Hosting Institutions:** 1H-TOXRUN and Minho University | **Institution that confer the doctoral degree:** FEUP | **Period Covered:** 09.2024- 09.2028.
10. **Grant:** 2024.03269.BD | **PhD Student:** Daniela Silva Barros | **Thesis title:** AntiBioPOC - Reagent-less point-of-care for measuring antibiotics in biological fluids and wastewater | **Supervisor:** Rui Costa Martins (INESCTEC) | **Co-supervisors:** Teresa Barroso (IUCS-CESPU), Goreti Sales (University of Coimbra) | **Doctoral Program:** PhD in Bioengineering and Biotechnology | **Period covered:** 2024-current
11. **Grant:** 2024.04118.BD | **PhD Student:** Sara Andreia Monteiro da Silva | **Thesis Title:** Evaluating the Safety of Reusable Plastic Packaging: Comprehensive Assessment of Microplastics and Migrant Release and Toxicity (SAFE4REUSE). | **Supervisor:** Joana C. Prata | **Co-supervisor:** Tony R. Walker | **Doctoral Programme:** Toxicology, IUCS-CESPU | **Hosting Institutions:** IUCS-CESPU | **Institution that confer the doctoral degree:** IUCS-CESPU | **Period Covered:** 2024 - 2028.

12. **Grant:** CESPU Grant | **PhD Student:** Jéssica Fonseca | **Thesis Title:** Synergistic potential of bioactive extracts of wild edible mushrooms from Northeast Transmontano and conventional chemotherapy: A strategy to reverse chemoresistance| **Doctoral Programme:** Doutoramento em Ciências Biomédicas | **Hosting Institution(s):** 1H-TOXRUN; i3S and CIMO | **Institution that confer the doctoral degree:** IUCS - CESPU | **Supervisor:** Sara Ricardo | **Co-Supervisor:** Josiana Vaz | **Period Covered:** 10.2022 – 10.2025
13. **Grant:** CESPU Grant | **PhD Student:** Vânia Monteiro | **Thesis Title:** | **Doctoral Programme:** Doutoramento em Ciências Biomédicas | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the doctoral degree:** IUCS - CESPU | **Supervisor:** Diana Dias da Silva | **Co-Supervisor:** Joana Pinto; Paula Guedes de Pinho | **Period Covered:** 10.2022 – 10.2025
14. **Grant:** N.A. | **PhD Student:** Ana Catarina Pinto de Sousa | **Thesis Title:** Risk assesment of pyrrolizidine alkaloids in herbal infusions available in the Portuguese marketplace. | **Doctoral Programme:** Doutoramento em Ciências Biomédicas | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the doctoral degree:** IUCS - CESPU | **Supervisor:** Sandra Leal | **Co-Supervisor:** Cláudia Ribeiro; Inês Pádua | **Period Covered:** 01.2022 – 02.2026
15. **Grant:** N.A. | **PhD Student:** António Melo Ferraz | **Thesis title:** Study of Leukocyte - Platelet Rich Fibrin (L-PRF) Effect in Human Peripheral Blood and Its Antimicrobial Action | **Supervisor:** Maria do Céu Monteiro | **Co-supervisor:** Paulo Miller. Cristina Coelho | **Doctoral Programme:** Biomedical Sciences IUCS-CESPU | **Period covered:** 2018-2024
16. **Grant:** N.A. | **PhD Student:** António Rajão | **Thesis Title:** Combining polyphenols and probiotics to develop novel synbiotics for treatment and prevention of oral candidiasis. | **Doctoral Programme:** Doutoramento em Ciências Biomédicas | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the doctoral degree:** IUCS - CESPU | **Supervisor:** José Carlos Márcia Andrade | **Co-Supervisor:** Paulo Rompante; Célia F. Rodrigues| **Period Covered:** 01.2020 – 01.2025
17. **Grant:** N.A. | **PhD Student:** Carla Patrícia Penelas Costa | **Thesis Title:** LeishPAT: diagnosis of canine leishmaniasis using a spectroscopy POC system and artificial intelligence. | **Supervisor:** Teresa Barroso | **Co-supervisor:** -- | **Doctoral Programme:** PhD in Veterinary Science | **Hosting Instituions:** UTAD | **Institution that confer the doctoral degree:** UTAD | **Period Covered:** 2022 - present.
18. **Grant:** N.A. | **PhD Student:** Catarina Ramos Pereira | **Thesis title:** Influence of acupuncture in Parkinson disease | **Co-supervisors:** Maria Begoña Criado. Jorge Machado. Henry Greeten| **Doctoral Program** in Biomedical Sciences. ICBAS. University of Porto | **Period covered:** 2021-2025
19. **Grant:** N.A. | **PhD Student:** Daniela Silva Barros| **Thesis Title:** AntiBioPOC - Reagent-less point-of-care for measuring antibiotics in biological fluids and wastewater. | **Supervisor:** -- | **Co-supervisor:** Teresa Barroso | **Doctoral Programme:** PhD in Bioengineering and Biotechnology | **Hosting Instituions:** University of Coimbra - Faculty of Science and Technology - Centre for Mechanical Engineering, Materials and Processes | **Institution that confer the doctoral degree:** University of Coimbra | **Period Covered:** 2024 - present.
20. **Grant:** N.A. | **PhD Student:** Joana Maria Rocha da Costa e Silva | **Thesis Title:** Palliative Care in Veterinary Medicine. | **Supervisor:** Teresa Barroso | **Co-supervisor:** -- | **Doctoral Programme:** PhD in Integrated Health (One Health) | **Hosting Instituions:** UTAD | **Institution that confer the doctoral degree:** UTAD | **Period Covered:** 2024 - present.
21. **Grant:** N.A. | **PhD Student:** João Pedro Nunes Silva | **Thesis title:** The Second-generation of antimetotics: mechanistic insights into the anticancer activity and therapeutic potential | **Supervisor:** Hassan Bousbaa | **Co-supervisor:** Patrícia M. A. Silva. Luís Monteiro | **Doctoral Programme:** Biomedical Sciences IUCS-CESPU | **Period covered:** 2021-2025
22. **Grant:** N.A. | **PhD Student:** Mafalda Calheiros-Lobo | **Thesis title:** 3D Tumor spheroids as preclinical model to study oral cancer. | **Supervisor:** Hassan Bousbaa | **Co-supervisor:** Patrícia M. A. Silva. Luís Monteiro | **Doctoral Programme:** Biomedical Sciences IUCS-CESPU | **Period covered:** 2020-2024
23. **Grant:** N.A. | **PhD Student:** Manuel Augusto Raimundo dos Santos Rocha | **Thesis title:** Study of Leukocyte - Platelet Rich Fibrin (L-PRF) Effect in Human Peripheral Blood and Its Antimicrobial Action | **Supervisor:** António Almeida Dias | **Co-Supervisor:** Maria do Céu Monteiro | **Doctoral Programme:** Biomedical Sciences IUCS-CESPU | **Period covered:** 2022-2026

24. **Grant:** N.A. | **PhD Student:** Márcio Teodoro da Costa Gaspar | **Thesis Title:** Deciphering the omento immune signature in acute appendicitis. | **Doctoral Programme:** Doutoramento em Ciências Biomédicas | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the doctoral degree:** IUCS - CESPU | **Supervisor:** Sara Alexandra Vinhas Ricardo | **Co-Supervisor:** Maria José Oliveira e Albina Dolores Resende | **Period Covered:** 10.2022 – 09.2026
25. **Grant:** N.A. | **PhD Student:** Mariana Sofia Silva Carvalho | **Thesis Title:** Exploring the unknown of lisdexamfetamine dimesylate (LDX): pharmacokinetics, pharmacodynamics and clinical aspects. | **Supervisor:** Ricardo Dinis Oliveira | **Co-supervisor:** Diana Dias Silva and Daniel José Barbosa | **Doctoral Programme:** Toxicology. IUCS-CESPU | **Hosting Institutions:** 1H-TOXRUN | **Institution that confer the doctoral degree:** IUCS-CESPU | **Period Covered:** 2023 - 2027.
26. **Grant:** N.A. | **PhD Student:** Osvaldo António Kiende Lourenço | **Thesis Title:** Traditional medicinal plants used for treatment of hypertension in Angola: Ethnobotanical studies phytochemical characterization and biological activities | **Doctoral Programme:** Doctoral Program in Biomedical Sciences | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the doctoral degree:** IUCS - CESPU | **Supervisor:** Cláudia Maria Rosa Ribeiro | **Co-Supervisor:** Eduarda Marlene Peixoto da Silva; Diana Dias da Silva | **Period Covered:** 2022-2026
27. **Grant:** N.A. | **PhD Student:** Silvina Marques Moura | **Thesis Title:** Age estimation in older adults - a contribution | **Supervisor:** Inês Morais Caldas | **Co-Supervisor:** Áurea Carvalho | **Doctoral Programme:** Doutoramento em Ciências Forenses | **Hosting Institution(s):** IUCS-CESPU | **Institution that confer the doctoral degree:** FMUP | **Period Covered:** 2023 – 2028
28. **Grant:** NA | **PhD Student:** -- | **Thesis Title:** O Papel da Amígdala no Desempenho Olfativo do Homem. | **Supervisor:** Jorge Rodrigues | **Co-supervisor:** Kristof Raemdonck; Mavilde Longarito | **Doctoral Programme:** Programa Doutoral em Medicina | **Hosting Institutions:** FMUP | **Institution that confer the doctoral degree:** FMUP | **Period Covered:** 2024 - 2028.
29. **Grant:** SFRH/BD/139622/2018 | **PhD Student:** Daniela Melo | **Thesis Title:** Erythrocyte Peroxidases in Non-Immune Hemolytic Anemias – Friends or Foes? | **Supervisor:** Alice Santos-Silva | **Co-Supervisor:** Susana Coimbra. Susana Rocha | **Doctoral Programme:** Doutoramento em Ciências Farmacêuticas | **Institution that confer the doctoral degree:** Universidade do Porto. Faculdade de Farmácia | **Period covered:** 01.2019 – 02.2024

6.2. SUPERVISION/CO-SUPERVISION OF MSc DISSERTATIONS

6.2.1. Concluded

1. **MSc Student:** Adriana Helena Sousa Loureiro | **Dissertation Title:** " Psychological interventions for the treatment of patients with chronic dermatosis: A systematic literature review" | **Master:** Mestrado em Psicologia da Saúde e Neuropsicologia | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Vera Margarida Seabra de Almeida | **Co-Supervisor:** Ana Isabel Pacheco Teixeira | **Period Covered:** 09.2021 – 01.2024 (Concluded at 11.04.2024)
2. **MSc Student:** Alexandra Isabela da Conceição Costa | **Dissertation Title:** Evaluation of an alternative method for analysing milk and blood in the diagnosis of bovine mastitis - Point-of-care without reagents. (<https://hdl.handle.net/10216/161839>) | **Master:** Master in Veterinary Medicine | **Institution that confer the master degree:** School of Medicine and Biomedical Sciences (ICBAS) - University of Porto | **Supervisor:** -- | **Co-Supervisor:** Teresa Barroso | **Period Covered:** 2023-2024
3. **MSc Student:** Ana Maria Veloso Martins | **Dissertation Title:** " Implementação e avaliação de um programa de intervenção psicológica breve na psoríase" | **Master:** Mestrado em Psicologia da Saúde e Neuropsicologia | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Vera Margarida Seabra de Almeida | **Co-Supervisor:** Ana Isabel Pacheco Teixeira | **Period Covered:** 09.2022 – 09.2024 (Concluded at 20.12.2024)
4. **MSc Student:** Ana Rita Moreira da Rocha | **Dissertation Title:** " Implementação e avaliação de uma intervenção psicológica breve na dermatite atópica" | **Master:** Mestrado em Psicologia da Saúde e Neuropsicologia | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Vera Margarida Seabra de Almeida | **Co-Supervisor:** Ana Isabel Pacheco Teixeira | **Period Covered:** 09.2022 – 09.2024 (Concluded at 20.12.2024)
5. **MSc Student:** Andreia Catarina da Silva Moreira | **Dissertation title:** Oral manifestations in a toxicodependent population in treatment in rehabilitation clinics in northern Portugal - observational study. | **Hosting Institution(s):** IUCS (Instituto Universitário de Ciências da Saúde) / CESPU | **Supervisor(s):** Maria dos Prazeres da Silva Gonçalves | **Co-Supervisor(s):** Marta Mendonça Moutinho Relvas | **Periodo Covered:** 01.2024 – 30.07.2024
6. **MSc Student:** Beatriz Queijo | **Dissertation Title:** "Exploring the mechanisms of resistance in ovarian cancer: A metabolomic approach" | **Master:** Mestrado em Bioinformática e Biologia Computacional | **Hosting Institution(s):** Pharmacy faculty. Porto University | **Institution that confer the master degree:** FCUP | **Supervisor:** Joana Pinto | **Co-Supervisor:** Sara Ricardo. Paula Pinho | **Period Covered:** 09.2023 – 09.2024
7. **MSc Student:** Bruna Filipe Alves Pinto | **Dissertation Title:** Monitorização de Antibiorresistências em Explorações de Bovinos e Suínos | **Master:** Mestrado em Biologia Clínica e Laboratorial | **Institution that confer the master degree:** UTAD | **Supervisor:** Paulo Martins da Costa | **Co-Supervisor:** Joana C. Prata | **Period Covered:** 2023-2024
8. **MSc Student:** Cíntia Vanessa Garcia | **Dissertation title:** Comparison of maxillary central incisor torque in the ClinCheck ®: With and without CBCT: A cross-sectional clinical study. | **Master:** Mestrado Integrado em Medicina Dentária. | **Institution that confer the master degree:** IUCS (Instituto Universitário de Ciências da Saúde) / CESPU | **Supervisor(s):** Teresa Pinho | **Co-Supervisor(s):** Maria dos Prazeres da Silva Gonçalves | **Period covered:** 01.2024 -14.07.2024

9. **MSc Student:** Cristina Alexandra Silva Mendes | **Dissertation Title:** Efeitos das catinonas sintéticas metilona e pentedrona no desenvolvimento, função reprodutora e longevidade do modelo animal *C. elegans* | **Master:** Master in Forensic Sciences | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Daniel Barbosa | **Co-Supervisor:** Renata Silva | **Period Covered:** 2023-2024
10. **MSc Student:** Diana Catarina Gonçalves Pelho | **Dissertation title:** Oral hygiene motivation program at the Paços de Ferreira Prison: Pilot Study. | **Master:** Mestrado Integrado em Medicina Dentária | **Institution that confer the master degree:** IUCS (Instituto Universitário de Ciências da Saúde) / CESPU | **Supervisor(s):** Marta Mendonça Moutinho Relvas | **Co-Supervisor(s):** Maria dos Prazeres da Silva Gonçalves | **Period Covered:** 01.2024 – 16.07.2024
11. **MSc Student:** Diogo Alexandre Marques Ferreira | **Dissertation title:** Attacks on web servers and prevention methodologies | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** IUCS/CESPU | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Rui Miguel Simões de Azevedo | **Co-Supervisor:** Áurea Marília Madureira e Carvalho | **Period Covered:** 10.2022 - 10.2024.
12. **MSc Student:** Flávia Isabel Dias Gomes | **Dissertation title:** Diabetic Patients' Perception of the Relationship Between Diabetes Mellitus and Periodontal Disease. | **Master:** Mestrado Integrado em Medicina Dentária. | **Institution that confer the master degree:** IUCS (Instituto Universitário de Ciências da Saúde) / CESPU | **Supervisor(s):** Marta Mendonça Moutinho Relvas | **Co-Supervisor(s):** Maria dos Prazeres da Silva Gonçalves | **Period Covered:** 01.024 – 16.07.2024
13. **MSc Student:** Helder Pereira | **Dissertation Title:** Anemia Aplástica Adquirida | **Master:** Mestrado em Análises Clínicas | **Institution that confer the master degree:** FFUP | **Supervisor:** Alice Santos-Silva | **Co-Supervisor:** Susana Coimbra | **Period Covered:** 2023-2024 (concluded: 19/11/2024)
14. **MSc Student:** Inês Alves Castro | **Dissertation title:** Efficiency of Invisalign ® Mandibular advancement System in growing patients: Clinical study compared to integrative systematic review. | **Master:** Mestrado Integrado em Medicina Dentária. | **Institution that confer the master degree:** IUCS (Instituto Universitário de Ciências da Saúde) / CESPU | **Supervisor(s):** Teresa Pinho | **Co-Supervisor(s):** Maria dos Prazeres da Silva Gonçalves | **Period Covered:** 01.2024 – 14.07.2024
15. **MSc Student:** Jéssica Leonarda Gaspar Lucala | **Dissertation Title:** "Cytotoxic effect of microplastics in pulmonary cells and airways exposure" | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Joana C. Prata | **Co-Supervisor:** Juliana Faria; Maria Joana Barbosa | **Period Covered:** 11.2022 – 01.2024
16. **MSc Student:** Joana Patrícia Fonseca Linhares | **Dissertation Title:** Prevalence of oral diseases in a toxicodependent population in treatment in rehabilitation clinics in northern Portugal - observational study | **Master:** Mestrado Integrado em Medicina Dentária | **Institution that confer the master degree:** IUCS (Instituto Universitário de Ciências da Saúde) / CESPU | **Supervisor(s):** Marta Mendonça Moutinho Relvas | **Co-Supervisor(s):** Maria dos Prazeres da Silva Gonçalves | **Period Covered:** 01.2024-05.07.2024
17. **MSc Student:** Joaquim Kangué de Castro Rodrigues | **Dissertation Title:** "Deciphering Human Identity: Puzzling Unknown Bones by genetic Profiling" | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Manuela Oliveira | **Co-Supervisor:** Áurea Madureira-Carvalho; Inês Caldas | **Period Covered:** from 04.2024
18. **MSc Student:** Juliana Simões | **Dissertation Title:** Trombocitopenia Imune. Diagnóstico Laboratorial e Aspetos Clínicos | **Master:** Mestrado em Análises Clínicas | **Institution that confer the master degree:** FFUP | **Supervisor:** Alice Santos-Silva | **Co-Supervisor:** Susana Coimbra | **Period Covered:** 2023-2024 (concluded: 29/10/2024)

19. **MSc Student:** Madeline Michèle Durant Alford | **Dissertation title:** Galloping" towards Neurocognitive Stimulation: Equine Assisted Therapy for Dementia in Memory Workshops | **Master:** Mestrado em Psicologia da Saúde e Neuropsicologia | **Hosting Institution(s):** IUCS (Instituto Universitário de Ciências da Saúde) / CESPU. | **Supervisor(s):** Manuela Leite | **Co-Supervisor:** Maria Prazeres Gonçalves | **Period Covered:** Concluded at 20.12.2024
20. **MSc Student:** Maria Leonor Martins Soares | **Dissertation Title:** Spectral Point-of-Care for Stroke Diagnosis in Hospital Emergency Settings (<https://hdl.handle.net/10216/162560>). | **Master:** Master in Biomedical Engineering | **Institution that confer the master degree:** FEUP | **Supervisor:** -- | **Co-Supervisor:** Teresa Barroso | **Period Covered:** 2023-2024
21. **MSc Student:** Mariana Torres Portugal Ramirez | **Dissertation Title:** Freshwater and estuarine diatom composition and seasonal variation: influence of environmental factors and its forensic application | **Master:** Master in Forensic Sciences | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Cláudia Ribeiro | **Co-Supervisor:** Cristina Couto, Áurea Carvalho | **Period Covered:** Concluded at 15/03/2024
22. **MSc Student:** Nélia Fonseca | **Dissertation Title:** "Evaluation of the Cytotoxic Effect of Galanthamine in Chemoresistant High-Grade Serous carcinoma." | **Master:** Mestrado em Biotecnologia | **Hosting Institution(s):** i3S | **Institution that confer the master degree:** Aveiro University | **Supervisor:** Sara Ricardo | **Co-Supervisor:** Helena Cristina Correia de Oliveira | **Period Covered:** 09.2023 – 09.2024
23. **MSc Student:** Renata Vidal | **Dissertation Title:** " Assessment of enantioselective ecotoxicity of butylone in daphnia magna." | **Master:** Engenharia do Ambiente - Faculdade de Engenharia da Universidade do Porto | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** Faculdade de Engenharia da Universidade do Porto | **Supervisor:** Ana Rita Lado Teixeira Ribeiro | **Co-Supervisor:** Adrián Manuel Tavares da Silva; Cláudia Maria Rosa Ribeiro | **Period Covered:** Concluded 18.11.2024
24. **MSc Student:** Sandra Maria Cerdeira de Campos Costa | **Dissertation Title:** Assédio Moral nas Forças de Segurança: será preocupante? | **Master:** Master in Forensic Sciences | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Áurea Carvalho | **Co-Supervisor:** Rui Azevedo, Bruno Peixoto | **Period Covered:** Concluded at 17/07/2024
25. **MSc Student:** Sofia Lima Pereira | **Dissertation title:** Effectiveness of molar and canine distalization on the invisalign® System. Clinical study compared to integrative systematic review. | **Master:** Mestrado Integrado em Medicina Dentária: | **Institution that confer the master degree:** IUCS (Instituto Universitário de Ciências da Saúde) / CESPU | **Supervisor(s):** Teresa Pinho | **Co-Supervisor(s):** Maria dos Prazeres da Silva Gonçalves | **Periodo Covered:** 01.2024 – 31.07.2024
26. **MSc Student:** Valter Bernardo Francisco | **Dissertation Title:** Desenvolvimento de novo método odontométrico para a estimativa do sexo através dos caninos inferiores na população Portuguesa e Moçambicana | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Daniel Pérez Mongiovi | **Co-Supervisor:** Alexandra Teixeira | **Period Covered:** 10.2021 - 06.2024
27. **MSc Student:** Victoire Frederique Blandine Bodart | **Dissertation title:** Influence of social media on facial self-image and smile in a population of French and Portuguese adolescents. | **Master:** Mestrado Integrado em Medicina Dentária. | **Institution that confer the master degree:** IUCS (Instituto Universitário de Ciências da Saúde) / CESPU | **Supervisor(s):** Selma Pascoal | **Co-Supervisor(s):** Maria dos Prazeres da Silva Gonçalves | **Period Covered:** 01.2024 – 31.07.2024

6.2.2. Ongoing

1. **MSc Student:** Albertina de Jesus Mendes Capita | **Dissertation Title:** "Terpene profiling of cannabis in different chemovars and products of medicinal interest" | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Eduarda M P Silva | **Co-Supervisors:** Carlos J. A Ribeiro, Ricardo Dinis-Oliveira | **Period Covered:** 10.2023-10.2025
2. **MSc Student:** Alessandra Rossetti | **Dissertation Title:** "Tratamento da Osteonecrose dos Maxilares Relacionada com o Uso de Medicamentos (MRONJ)." | **Master:** Mestrado Integrado em Medicina Dentária | **Hosting Institution(s):** IUCS | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Nuno Jorge Milhazes | **Co-Supervisor:** Ana Isabel Pacheco Teixeira | **Period Covered:** 12.2023-6.2025
3. **MSc Student:** Ana Rita de Jesus Ribeiro Fortes Morais | **Dissertation Title:** "Understanding cannabinoid profile variation: from cannabis extraction to final medicinal product" | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** Faculdade de Medicina da Universidade do Porto | **Supervisor:** Carlos J. A Ribeiro | **Co-Supervisor:** Ricardo Dinis-Oliveira | **Period Covered:** 09.2024-09.2025
4. **MSc student:** Ângela Margarida Ferreira | **Dissertation Title:** "Avaliação da imagem corporal e qualidade de vida em pacientes oncológicos com efeitos secundários dermatológicos do tratamento contra o cancro" | **Master:** Mestrado em Psicologia da Saúde e Neuropsicologia | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Vera Margarida Seabra de Almeida | **Co-Supervisor:** Ana Isabel Pacheco Teixeira | **Period Covered:** 9.2024-10.2025
5. **MSc Student:** Beatriz Isabel da Silva Lopes | **Dissertation Title:** Ballistic Gelatine: Biodegradation Analysis | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** IUCS-CESPU | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Albina Dolores Resende | **Co-Supervisor:** Luís Fernandes | **Period Covered:** from 2024
6. **MSc Student:** Beatriz Maria Pinto Senra | **Dissertation Title:** "Psilocybe mushrooms: extraction and purification of psychedelic tryptamines" | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** Faculdade de Medicina da Universidade do Porto | **Supervisor:** Carlos J. A Ribeiro | **Co-Supervisor:** Ricardo Dinis-Oliveira | **Period Covered:** 09.2023-09.2025
7. **MSc Student:** Beatriz Suordem | **Dissertation title:** Development of an enantioselective liquid chromatography method for the analysis of fungicides in water | **Master:** Mestrado em Ciências Forenses | **Institution that confer the master degree:** Faculty of Medicine of the University of Porto | **Supervisor:** Ana Rita Ribeiro | **Co-supervisors:** Ricardo J. Dinis-Oliveira, Cláudia Ribeiro | **Period covered:** 09.2024 - 09.2025
8. **MSc Student:** Cláudia Santos | **Dissertation Title:** Caracterização Histopatológica de Culturas de Organoides de Carcinoma de Ovário | **Master:** Mestrado em Técnicas Laboratoriais em Biopatologia (Ramo de Histopatologia) | **Hosting Institution(s):** IUCS-CESPU | **Institution that confer the master degree:** Escola Superior de Saúde do Politécnico do Porto | **Supervisor:** Sara Ricardo | **Co-Supervisor:** Albina Dolores Resende | **Period Covered:** from 2024
9. **MSc student:** Cláudia Sofia da Silva Nunes | **Dissertation Title:** "Estudo Piloto de Implementação de uma Intervenção Psicológica Escrita de Expressão Emocional para Pacientes com Psoríase" | **Master:** Mestrado em Psicologia da Saúde e Neuropsicologia | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Vera Margarida Seabra de Almeida | **Co-Supervisor:** Ana Isabel Pacheco Teixeira | **Period Covered:** 9.2024-10.2025
10. **MSc Student:** Diana Cunha Fernandes | **Dissertation Title:** Inovação para o Ensino das Ciências Forenses | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Rui Miguel Simões de Azevedo | **Co-Supervisor:** Áurea Marília Madureira e Carvalho | **Period Covered:** 10.2023 - 10.2025

11. **MSc Student:** Elena Fattori | **Dissertation Title:** "Anticoagulated patients and clinical dental practice: a systematic review of the literature" | **Master:** Mestrado Integrado em Medicina Dentária | **Hosting Institution(s):** IUCS | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Ana Isabel Pacheco Teixeira | **Co-Supervisor:** Nuno Jorge Milhazes | **Period Covered:** 12.2024-6.2026
12. **MSc Student:** Ema Alexandra Da Conceição Ferreira | **Dissertation Title:** Unveiling Earth's Secrets: Bridging Geophysics and Forensic Sciences in Criminal Investigations | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** IUCS-CESPU | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Manuela Oliveira | **Co-Supervisor:** Áurea Madureira-Carvalho; Inês Caldas | **Period Covered:** from 10.2023
13. **MSc Student:** Érica Oliveira | **Dissertation Title:** Construção de "cell microarrays" como estratégia para avaliar alterações induzidas por drogas na expressão de proteínas em linhas celulares de cancro do ovário. | **Master:** Mestrado em Ciências Aplicadas à Saúde (Instituto Politécnico de Bragança) | **Hosting Institution(s):** IUCS-CESPU, 1H-TOXRUN | **Institution that confer the master degree:** Instituto Politécnico de Bragança | **Supervisor:** Sara Ricardo | **Co-Supervisor:** Josiana Vaz | **Period Covered:** 10.2024 – 06.2025
14. **MSc student:** Etienne Louis Pacheco | **Dissertation Title:** "Psilocybin in major depressive disorder" | **Master:** Mestrado Integrado em Ciências Farmacêuticas | **Hosting Institution(s):** IUCS | **Institution that confer the Master degree:** IUCS-CESPU | **Supervisor:** Cláudia Ribeiro | **Co-Supervisors:** Maria Carolina Pereira, Nuno Milhazes | **Period Covered:** 09/2024-07/2025
15. **MSc Student:** Joana Barrias Figueira | **Dissertation title:** O assédio sexual em jovens universitários e implicações psicopatológicas. | **Master:** Mestrado em Ciências Forenses | **Hosting Institution:** IUCS (Instituto Universitário de Ciências da Saúde) / CESPU | **Supervisor(s):** Maria dos Prazeres da Silva Gonçalves | **Co-Supervisor(s):** Maria João Alves | **Period Covered:** 11.2023 – 24.04.2025
16. **MSc student:** Joana Sousa Magalhães | **Dissertation Title:** "Desenvolvimento de Grupo Focal para definição de componentes-chave para promoção de imagem corporal positiva em pacientes oncológicos com feitos secundários dermatológicos do tratamento contra o cancro" | **Master:** Mestrado em Psicologia da Saúde e Neuropsicologia | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Vera Margarida Seabra de Almeida | **Co-Supervisor:** Ana Isabel Pacheco Teixeira | **Period Covered:** 9.2024-10.2025
17. **MSc Student:** João Valério | **Dissertation Title:** Exploring the enantioselective molecular and biochemical effects of 3-chloromethcathinone (3-CMC) on Daphnia magna | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Cláudia Ribeiro | **Co-Supervisor:** Maria Elizabeth Tiritan | **Period Covered:** 11.2024 – 11.2025
18. **MSc Student:** José Miguel Machado Coelho da Rocha | **Dissertation Title:** "Indicadores de adiposidade e a sua relação com a força muscular. Uma análise de uma amostra de adultos portugueses." | **Master:** Mestrado Nutrição Clínica | **Hosting Institution(s):** Universidade do Porto | **Supervisor:** Ana Rita Sousa Santos | **Period Covered:** 09.2024-07-2025
19. **MSc student:** Kevin Digilio | **Dissertation Title:** "Effects of NSAIDs and Glucocorticoids on dental implant osseointegration" | **Master:** Mestrado Integrado em Medicina Dentária | **Hosting Institution(s):** IUCS | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Nuno Jorge Milhazes | **Co-Supervisor:** Ana Isabel Pacheco Teixeira | **Period Covered:** 12.2023-6.2025
20. **MSc student:** Laura Bastianetto | **Dissertation Title:** "Osteonecrose por Bifosfonatos: Protocolos para Tratamentos Odontológicos" | **Master:** Mestrado Integrado em Medicina Dentária | **Hosting Institution(s):** IUCS | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Nuno Jorge Milhazes | **Co-Supervisor:** Ana Isabel Pacheco Teixeira | **Period Covered:** 12.2023-6.2025
21. **MSc student:** Lorenzo Grisanti | **Dissertation Title:** "Application of ozone in dentistry" | **Master:** Mestrado Integrado em Medicina Dentária | **Hosting Institution(s):** IUCS | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Ana Isabel Pacheco Teixeira | **Co-Supervisor:** Nuno Jorge Milhazes | **Period Covered:** 12.2024-6.2026
22. **MsC Student:** Maria João Teixeira | **Dissertation title:** to be designed | **Master:** Mestrado em Ciências Forenses | **Institution that confer the master degree:** Faculty of Medicine of the University of Porto | **Supervisor:** Ana R. Freitas | **Co-supervisors:** Ricardo J. Dinis-Oliveira, Daniel Barbosa | **Period covered:** 09.2023 - 09.2025

23. **MSc Student:** Mariana Almeida Lopes | **Dissertation title:** Impact of synthetic cathinones on *C. elegans* development, locomotion and reproductive behaviours, and lifespan | **Master:** Forensic Sciences | **Hosting Institution(s):** IUCS-CESPU | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Ana Filipa Sobral | **Co-Supervisor:** Daniel José Barbosa | **Period Covered:** 10.2023 - 10.2025.
24. **MSc Student:** Mariana Lopes Alves | **Dissertation Title:** "A Associação entre o Risco Nutricional e os Resultados Clínicos a Longo Prazo em Doentes Internados após a Implementação do Despacho n.º 6634/2018." | **Master:** Mestrado Nutrição Clínica | **Hosting Institution(s):** Universidade do Porto | **Co-supervisor:** Ana Rita Sousa Santos | **Period Covered:** 09.2023-07-2025
25. **MSc Student:** Matteo de Tommaso | **Dissertation Title:** "Manifestações orais provocadas pela vacina SARS-Cov-2" | **Master:** Mestrado Integrado em Medicina Dentária | **Hosting Institution(s):** IUCS | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Nuno Jorge Milhazes | **Co-Supervisor:** Ana Isabel Pacheco Teixeira | **Period Covered:** 12.2023-6.2025
26. **MSc Student:** Rui Xavier dos Santos Pedro Abreu Freire | **Dissertation Title:** XXX | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** XXX | **Co-Supervisor:** xxx | **Period Covered:** xxx to xxx
27. **MSc Student:** Tiago Merêncio | **Dissertation title:** Understanding the seasonal dynamics of antibiotic resistance in *Escherichia coli* across a wastewater treatment plant | **Master:** Mestrado em Aplicações em Biotecnologia e Biologia Sintética. **Hosting Institution:** Faculdade de Ciências, Universidade do Porto | **Institution that confer the master degree:** FCUP | **Supervisor:** Olga Lage | **Co-supervisors:** Sandra Quinteira, Ofélia Godinho | **Period Cover:** 09.2024 - 09.2025
28. **MSc Student:** Vânia Lobo | **Dissertation Title:** "Fibrina Rica em Plaquetas enriquecida em antibióticos: aplicações em cirurgia oral - uma revisão sistemática" | **Master:** Mestrado Integrado em Medicina Dentária | **Hosting Institution(s):** IUCS | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Nuno Jorge Milhazes | **Co-Supervisor:** Ana Isabel Pacheco Teixeira | **Period Covered:** 12.2023-6.2025
29. **MSc Student:** Ânia Teixeira | **Dissertation title:** Food Allergy Program for Schools: prevalence and characterization of food allergy in Portuguese schools | **Master:** Mestrado em Nutrição Pediátrica. | **Hosting Institution:** Faculdade de Ciências da Nutrição e Alimentação da Universidade do Porto | **Supervisor:** Renata Barros (FCNAUP) | **Co-supervisor:** Inês Pádua. | **Periodo Covered:** 09.2024. - 09.2025
30. **MSc Student:** Beatriz Maria Pinto Senra | **Dissertation Title:** "Psilocybe mushrooms: extraction and purification of psychedelic tryptamines" | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** Faculdade de Medicina da Universidade do Porto | **Supervisor:** Carlos J. A Ribeiro | **Co-Supervisor:** Ricardo Dinis-Oliveira | **Period Covered:** 09.2024-09.2025
31. **MSc student:** Rita Machado | **Dissertation title:** Food Allergy Program for Schools: impact of training and toolkits implementation in school staff | **Master:** Mestrado em Educação Alimentar. | **Hosting Institution:** Faculdade de Ciências da Nutrição e Alimentação da Universidade do Porto | **Supervisor:** Renata Barros (FCNAUP) | **Co-supervisor:** Inês Pádua. | **Periodo Covered:** 09.2024. - 09.2025
32. **MSc Student:** Sara Vilar | **Dissertation title:** Determinantes da diversificação alimentar e a sua associação com a alergia alimentar: análise exploratória | **Master:** Mestrado em Nutrição Pediátrica. | **Hosting Institution:** Faculdade de Ciências da Nutrição e Alimentação da Universidade do Porto | **Supervisor:** Inês Pádua | **Co-supervisor:** Renata Barros (FCNAUP) | **Periodo Covered:** 09.2024. - 09.2025

6.3. SUPERVISION/CO-SUPERVISION OF UNDERGRADUATE STUDENTS

6.3.1. Concluded

1. **Student:** Ana Rita Barbosa Silva | **Project:** Impacto da Desnutrição em Contexto Hospitalar na Idade Pediátrica Do Rastreo à Intervenção | **Graduation Degree:** Ciências da Nutrição | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Ana Rita Sousa Santos | **Period Covered:** 01.02.2024-30.06.2024
2. **Student:** Ana Rita da Rocha Nunes | **Project:** Lymphocyte population characterization in ovarian cancer tumor microenvironment | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Carla Batista Pinto | **Co-Supervisor:** Dolores Resende and Sara Ricardo | **Period Covered:** 01.09.2023-16.07.2024
3. **Student:** Ana Sofia Pereria | **Project:** Ecotoxicidade de misturas de substâncias psicoativas usando como modelo Daphnia magna. | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Cláudia Ribeiro | **Co-Supervisor:** Cristina Couto | **Period Covered:** Concluded at 15/07/2024
4. **Student:** Bárbara Filipa Vieira Craveiro | **Project:** Comparação de procedimentos de preparação de amostras para análise cromatográfica | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Ana Catarina Sousa | **Co-Supervisor:** Sandra Leal | **Period Covered:** 01.10.2023-24.07.2024
5. **Student:** Beatriz Antunes | **Project:** Phenotypic and genotypic characterization of contemporary Enterococcus faecium from hospital infections | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Ana R. Freitas | **Co-Supervisor:** Ana C. Almeida-Santos, Luísa Peixe | **Period Covered:** 01.09.2023-26.06.2024.
6. **Student:** Beatriz Cerqueira Araújo | **Project:** Ciências Forenses no caminho da sustentabilidade, passo a passo | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Cristina Couto | **Co-Supervisor:** Cláudia Ribeiro | **Period Covered:** 01.10.2023-16.07.2024
7. **Student:** Beatriz Pimenta | **Project:** Crescer Mediterrânico: um estudo piloto promotor da dieta mediterrânica e da sustentabilidade alimentar em crianças | **Graduation Degree:** Licenciatura em Ciências da Nutrição. | **Institution that confer the degree:** Instituto Universitário de Ciências da Saúde. | **Supervisor:** Cláudia Ferreira (CMP). | **Co-Supervisor:** Inês Pádua | **Period Covered:** 02.2024 – 06.2024.
8. **Student:** Daniel Alexandra Coelho Maia | **Project:** Effects of the synthetic cathinone 4-Methylethylcathinone on development, reproductive behavior, and longevity in the C. elegans animal model | **Graduation Degree:** Forensic Sciences | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Daniel José Barbosa | **Co-Supervisor:** Renata Silva | **Period Covered:** 01.09.2023-19.07.2024
9. **Student:** Francisca Ferreira | **Project:** Investigating the Impact of a High Sugar Diet on Juvenile Rats: A Comprehensive Study on Gut Epithelial Barrier and Neuroendocrine Dysfunction | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Sofia João Nogueira | **Co-Supervisor:** Sandra Leal | **Period Covered:** 01.10.2023-24.06.2024
10. **Student:** Hugo Lopes | **Project:** Antimicrobial resistance profile of Escherichia coli and Klebsiella spp. in native Portuguese laying hens | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Carla Miranda | **Co-Supervisor:** Sandra Quinteira, Nuno V. Brito | **Period Covered:** 01.09.2023-26.06.2024

11. **Student:** Lília da Rocha Rodrigues | **Project:** Estudos de expressão de biomarcadores de neurotoxicidade decorrentes da exposição a doses terapêuticas de tramadol e tapentadol em amostras de córtex pré-frontal | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Joana Barbosa | **Co-Supervisor:** Juliana Faria | **Period Covered:** 01.10.2023-16.07.2024
12. **Student:** Madalena Ribeiro | **Project:** Detection of antibiotic resistance genes in Escherichia coli from dairy and autochthonous Portuguese cattle breeds | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Sandra Quinteira | **Co-Supervisor:** Carla Miranda, Ana R. Freitas | **Period Covered:** 01.09.2023-15.07.2024
13. **Student:** Maria João Godinho | **Project:** Digital Catalog and Tools of the Identified Skeleton Collection | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Rui Azevedo | **Co-Supervisor:** Áurea Carvalho | **Period Covered:** Concluded at 15/07/2024
14. **Student:** Mariana Filipa Sousa Matias | **Project:** Impact of Bone Marks and Medical Devices on Forensic Investigation: Characterization of CESPU's Collection of Identified Skeletons | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** CESPU | **Supervisor:** Alexandra Teixeira | **Period Covered:** 01.10.2023- 18.09.2024
15. **Student:** Mariana Valente | **Project:** Desenvolvimento de um método de cromatografia gasosa acoplado à espectrometria de massa para a quantificação de pesticidas e desreguladores endócrinos em água para consumo humano | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Cláudia Ribeiro | **Co-Supervisor:** Ana Rita Ribeiro | **Period Covered:** Concluded at 15/07/2024
16. **Student:** Nuno Alexandre de Jesus Henriques | **Project:** Estudos de expressão de biomarcadores de neurotoxicidade decorrentes da exposição a doses terapêuticas de tramadol e tapentadol | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Juliana Faria | **Co-Supervisor:** Joana Barbosa | **Period Covered:** 01.10.2023-25.09.2024
17. **Student:** Rafael Garcia Botelho | **Project:** Determinação da energia de disparo de armas de ar comprimido. | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Daniel F. M. Folha | **Co-Supervisor:** Luís Fernandes | **Period Covered:** Concluded July 2024
18. **Student:** Ricardo Faria | **Project:** Characterization of antimicrobial resistance of Klebsiella spp. In bovine in the North region of Portugal | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Carla Miranda | **Co-Supervisor:** Ana R. Freitas, Sandra Quinteira | **Period Covered:** 01.09.2023-18.09.2024
19. **Student:** Rita Ferreira Cruz | **Project:** Microplastics contamination of honey | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** CESPU | **Supervisor:** Joana C. Prata | **Co-Supervisor:** Juliana da Conceição Fernandes Faria | **Period Covered:** 07.08.2023- 25.09.2024
20. **Student:** Sara Raquel Pereira Pinho | **Project:** Estudos de expressão de biomarcadores de neurotoxicidade decorrentes da exposição a doses terapêuticas de tramadol e tapentadol no núcleo accumbens de ratos Wistar | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Joana Barbosa | **Co-Supervisor:** Juliana Faria | **Period Covered:** 01.10.2023-24.07.2024
21. **Student:** Tomás Moura Rodrigues | **Project:** Evaluation of omentum immune microenvironment in acute appendicitis scenarios | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Dolores Resende | **Co-Supervisor:** Carla Batista Pinto and Sara Ricardo | **Period Covered:** 01.09.2023-26.06.2024

6.3.2. Ongoing

1. **Student:** Alexandra Barbosa Martins | **Project:** Pesquisa de biomarcadores de progressão em tumores de ovário: O papel da expressão da CHI3L1 | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** CESPU | **Supervisor:** Sara Ricardo | **Co-Supervisor:** Cristina Xavier | **Period Covered:** 01.09.2024–30.06.2025 (ongoing)
2. **Student:** Alcía Ribeiro | **Project:** Characterization of antimicrobial resistance in Enterococcus spp. Isolated from dairy and indigenous cattle from the Northern Portugal | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Ana R. Freitas | **Co-Supervisor:** Carla Miranda, Sandra Quinteira | **Period Covered:** 01.09.2024–30.06.2025 (ongoing)
3. **Student:** Ana Beatriz Teixeira Moreira | **Project:** Evaluation of P-glycoprotein inhibition mediated by fiscalin derivatives at the intestinal barrier | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Maria Carolina Pereira | **Co-Supervisor:** Nuno Milhazes | **Period Covered:** 09/2024 - 07/2025 (ongoing)
4. **Student:** Ana Carlota de Sousa Marques da Cruz Henriques | **Project:** Hypothalamic Glial Cells and Lipid Metabolism in Female Rats: The Role of Estradiol Regulation | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** CESPU | **Supervisor:** Sandra Leal | **Co-Supervisor:** Ana Catarina Sousa | **Period Covered:** from 01.09.2024 (ongoing)
5. **Student:** Bárbara Pinheiro | **Project:** Uncovering the genetic diversity of Staphylococcus aureus among healthy university students in Portugal: implications for Public Health | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Ana R. Freitas | **Co-Supervisor:** Carla Miranda, Sandra Quinteira | **Period Covered:** 01.09.2024–30.06.2025 (ongoing)
6. **Student:** Beatriz Maria Monteiro Teixeira Diogo | **Project:** Avaliação in vitro da hepatotoxicidade do cebranopadol: um novo analgésico opioide | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Joana Barbosa | **Co-Supervisor:** Juliana Faria, Andrea Cunha | **Period Covered:** from 01.10.2024 (ongoing)
7. **Student:** Carolina Rubim Rosa Marranita | **Project:** Patologias e síndromes com manifestação óssea e sua relevância na identificação humana: Caracterização da coleção de esqueletos identificados da CESPU (CEIC) | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** CESPU | **Supervisor:** Alexandra Teixeira | **Period Covered:** from 01.10.2024 (ongoing)
8. **Student:** Cristiano Ronaldo Moreira de Sousa | **Project:** Caracterização de traços morfológicos dentários associados à ancestralidade numa população contemporânea mediterrânica | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** CESPU | **Supervisor:** Daniel Pérez Mongiovi | **Period Covered:** from 01.10.2023 (ongoing)
9. **Student:** Fábio Pinto Silva | **Project:** Análise de Impressões Digitais em Invólucros Deflagrados: Métodos de Recuperação e Aplicabilidade Forense | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Cristina Couto | **Co-Supervisor:** Áurea Carvalho | **Period Covered:** from 01.10.2024 (ongoing)
10. **Student:** Inês Veloso | **Project:** Evaluation of CHI3L1 expression in pairs of ovarian carcinoma cell lines sensitive and resistant to chemotherapy | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** CESPU | **Supervisor:** Cristina Xavier | **Co-Supervisor:** Sara Ricardo | **Period Covered:** 01.09.2024–30.06.2025 (ongoing)
11. **Student:** Iva Ferreira Marques | **Project:** Investigation of Rice Contamination by Microplastics: Influence of Packaging Polymers | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** CESPU | **Supervisor:** Joana C. Prata | **Co-Supervisor:** Sara Andreia Monteiro da Silva | **Period Covered:** from 20.09.2024 (ongoing)
12. **Student:** Ivo Diogo Pinto Lacerda | **Project:** Unveiling Human Identity: Genetic Analysis and Identification of Unknown Skeletal Remains | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** CESPU | **Supervisor:** Manuela Oliveira | **Co-Supervisor:** Áurea Madureira-Carvalho; Inês Caldas | **Period Covered:** from 01.10.2024 (ongoing)

13. **Student:** Joana Beatriz Machado Sampaio Pinto | **Project:** Herbicide risk assessment in *C. elegans* and toxicological implications for humans | **Graduation Degree:** Biomedical Sciences | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Daniel José Barbosa | **Period Covered:** 01.09.2024-30.06.2025 (ongoing)
14. **Student:** Joana Beatriz Martins da Rocha | **Project:** Estudo in vitro do impacto metabólico da exposição de células da microglia ao cebranopadol | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Joana Barbosa | **Co-Supervisor:** Juliana Faria, Andrea Cunha | **Period Covered:** from 01.10.2024 (ongoing)
15. **Student:** Margarida Almeida Teixeira | **Project:** Estudo de alterações moleculares e metabólicas após exposição de uma linha celular de neuroblastoma a cebranopadol | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Joana Barbosa | **Co-Supervisor:** Juliana Faria | **Period Covered:** from 01.10.2024 (ongoing)
16. **Student:** Nuno Moreira Silva | **Project:** Evaluation of putative differences in endogenous biomarkers in rat liver, kidney and intestinal tissues to justify interindividual differences in drug response | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Nuno Milhazes | **Co-Supervisor:** Maria Carolina Pereira | **Period Covered:** 09/2024 - 07/2025 (ongoing)
17. **Student:** Otilia Maria Gonçalves Lopes | **Project:** Toxicology of ketamine in the *C. elegans* animal model | **Graduation Degree:** Biomedical Sciences | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Daniel José Barbosa | **Co-Supervisor:** Ana Filipa Sobral | **Period Covered:** 01.09.2024-30.06.2025 (ongoing)
18. **Student:** Patrícia Alexandra de Paiva Gonçalves | **Project:** Combined consumption of ethanol and lorazepam: toxic effects in the *C. elegans* animal model | **Graduation Degree:** Forensic Sciences | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Ana Filipa Sobral | **Period Covered:** 01.09.2024-30.06.2025 (ongoing)
19. **Student:** Pedro Miguel Teixeira Sousa | **Project:** Fiscalin derivatives as putative rat intestinal P-glycoprotein activators: an ex vivo approach | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Maria Carolina Pereira | **Co-Supervisor:** Nuno Milhazes | **Period Covered:** 09/2024 - 07/2025 (ongoing)
20. **Student:** Rita Carrolo | **Project:** Antibiotic-resistant *Escherichia coli* from autochthonous Portuguese laying hens: a role for Forensic Microbiology? | **Graduation Degree:** Licenciatura em Ciências Forenses | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Sandra Quinteira | **Co-Supervisor:** Carla Miranda, Ana R. Freitas | **Period Covered:** 01.09.2024-30.06.2025 (ongoing)
21. **Student:** Sara Beatriz Pinheiro Marques | **Project:** Phenotypic characterization of the omentum immunological response in appendicitis | **Graduation Degree:** Licenciatura em Ciências Biomédicas | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Dolores Resende | **Co-Supervisor:** Carla Batista Pinto and Sara Ricardo | **Period Covered:** 01.09.2024-(ongoing)
22. **Student:** Tatiana Sousa Moyisyeyenko | **Project:** Toxicological interactions of synthetic cathinones and ethanol in the *C. elegans* animal model | **Graduation Degree:** Forensic Sciences | **Institution that confer the degree:** IUCS-CESPU | **Supervisor:** Daniel José Barbosa | **Period Covered:** 01.09.2024-30.06.2025 (ongoing).

6.4. SUPERVISION/CO-SUPERVISION OF STUDENTS FROM ERASMUS OR OTHER EXCHANGE PROGRAMS

1. **ERASMUS Student:** Agathe Richardeau | **Project:** Quantification of essential and non-essential elements in teas by ICP-MS and pyrrolizidine alkaloids by LC-MS. | **Home Institution, Country:** Paul Sabatier Institute of Technologies, Chemistry Department, Castres, França | **Supervisor:** Cristina Couto | **Period Covered:** 04.2024 – 06.2024.
2. **ERASMUS Student:** Antonella Vitiello | **Project:** Next-generation platforms for foods and nutraceuticals delivery. | **Home Institution, Country:** Università degli Studi di Napoli Federico II, Itália | **Supervisor:** Carlos Ribeiro | **Period Covered:** 25.09.2023 - 28.03.2024
3. **ERASMUS Student:** Aran Sanfeliu Ribera | **Project:** Evaluation of New therapeutical schems of ovarian cancer using cell lines resistant to chemotherapy. | **Home Institution, Country:** Universitat de Barcelona, Espanha | **Supervisor:** Sara Ricardo | **Period Covered:** 14.09.2024 to 31.01.2025
4. **Post-Doc Student (Axencia Galega de innovación (GAIN)):** Juan Carlos Vázquez | **Project:** Characterization of ampicillin-sensitive Enterococcus faecium and Enterococcus lactis | **Home Institution, Country:** Spain | **Supervisor:** Ana R. Freitas | **Period Covered:** 01.12.2024-30.11.2025
5. **Visiting PhD Student:** Paulo Henrique Araújo Soares (Doutorado Sanduíche no Exterior – CAPES) | **Project:** Planejamento Dos Tutores Antes Da Aquisição De Cães E Sua Influência Na Promoção Da Guarda Animal Responsável | **Home Institution, Country:** Programa de Ciências da Saúde da Universidade Federal de São João del-Rei, Brasil | **Supervisor:** Joana C. Prata | **Period Covered:** 09.11.2024-02.12.2024.
6. **Visiting Researcher:** Magdalena Podbielska | **Project:** -- | **Home Institution, Country:** University of Rzeszów, Poland | **Supervisor:** Joana C. Prata | **Period Covered:** 04.11.2024-08.11.2024

**ENGAGEMENT IN EDITORIAL AND ARTICLE REVIEW
ACTIVITIES FOR SCIENTIFIC JOURNALS**

7. ENGAGEMENT IN EDITORIAL AND ARTICLE REVIEW ACTIVITIES FOR SCIENTIFIC JOURNALS

7.1. EDITORIAL BOARD MEMBERS IN SCIENTIFIC JOURNALS

1. Alexandra Teixeira (Editorial Board Member) Current Forensic Science, Benthan Science (<https://www.benthamscience.com/journal/205/editorial-board>).
2. Áurea Marília Madureira e Carvalho (Editorial Board Member) Current Forensic Science, Benthan Science (<https://www.benthamscience.com/journal/205/editorial-board>).
3. Áurea Marília Madureira e Carvalho (Editorial Board Member) Forensic Sciences, MDPI (<https://www.mdpi.com/journal/forensicsci/editors>).
4. Áurea Marília Madureira e Carvalho (Editorial Board Member) Perspectives in Legal and Forensic Sciences, SCIEPublish (<https://www.sciepublish.com/journals/plfs/editors>).
5. Cristina Couto (Editorial Board Member) Current Forensic Science, Benthan Science (<https://www.benthamscience.com/journal/205/editorial-board>).
6. Cristina Couto (Editorial Board Member) Foods, MDPI (https://www.mdpi.com/journal/foods/editors?page_no=21).
7. Daniel José Barbosa (Editorial Board Member; Co-Editor-in-Chief) Current Forensic Science, Benthan Science (<https://www.benthamscience.com/journal/205/editorial-board>).
8. Daniel Pérez Mongiovi (Editorial Board Member) Current Forensic Science, Benthan Science (<https://www.benthamscience.com/journal/205/editorial-board>).
9. Joana C. Prata (Co-Editor-in-Chief) Water Emerging Contaminants & Nanoplastics. OAE Publishing (<https://www.oaepublish.com/wecn/editor>).
10. Joana C. Prata (Editorial Board Member) Critical Insights in Environmental Science & Technology, Taylor & Francis (<https://www.tandfonline.com/journals/tens20/about-this-journal#journal-metrics>).
11. Joana C. Prata (Editorial Board Member) Environments, MDPI (https://www.mdpi.com/journal/environments/editors?page_no=3).
12. José Carlos Andrade (Editorial Board Member) LWT - Food Science and Technology, Elsevier (<https://www.sciencedirect.com/journal/lwt/about/editorial-board>).
13. Manuela Oliveira (Editorial Board Member) Current Forensic Science, Benthan Science (<https://www.benthamscience.com/journal/205/editorial-board>).

7.2. EDITING OF SPECIAL ISSUES IN SCIENTIFIC JOURNALS

1. Ana Isabel Pacheco Teixeira (Guest editor) Special issue: **“One Life, One Health: Advances in Therapeutic Strategies for Chronic Patients”**. Healthcare, MDPI. (https://www.mdpi.com/journal/healthcare/special_issues/M9I4Z1HD60)
2. Ana R. Freitas. Julia Willet. Breck Duerkop. Thematic issue Guest Editor of **“Versatile lifestyles of Enterococci as commensals and pathogens”**. FEMS Microbes. Editing role: Special issue Editor (<https://academic.oup.com/femsmicrobes/pages/versatile-lifestyles-of-enterococci-as-commensals-and-pathogens>)
3. Cristina Couto Special Issue Guest Editors of **“Trace Elements in Food: Nutritional and Safety Issues”**. Foods (MDPI). (https://www.mdpi.com/journal/foods/special_issues/22S7664CML)
4. Cristina Xavier and Patricia Silva. Special Issue **“Recent Trends in Experimental Models for Cancer Research”**. International Journal of Molecular Sciences (IJMS, MDPI). (https://www.mdpi.com/journal/ijms/special_issues/NCXFWT0656)
5. Cristina Xavier and Sara Ricardo. Special issue **“Unlocking the secrets behind drug resistance at the cellular level”**. Cells (MDPI). (https://www.mdpi.com/journal/cells/special_issues/H5191F1988)
6. Daniel José Barbosa, Ana Filipa Sobral (Guest Editors). Special issue **“Molecular motors in neuronal homeostasis and neurodegeneration”**. Brain Sciences. Open. (https://www.mdpi.com/journal/brainsci/special_issues/M6L3X70WW5)
7. Daniel José Barbosa, Renata Silva (Guest Editors). Special Issue **“The intersection of drug abuse, neurotoxicity, and neurodegenerative diseases”**. International Journal of Molecular Sciences. Open. (https://www.mdpi.com/journal/ijms/special_issues/4QNY3F411K)
8. Daniel José Barbosa, Renata Silva (Guest Editors). Special Issue **“Molecular and cellular advances on drug discovery, pharmacology and toxicology - 2nd Edition”**. Medicina. Open. (https://www.mdpi.com/journal/medicina/special_issues/9BI035U1YQ)
9. Daniel José Barbosa. Patrícia M. A. Silva. Elaine M. Souza-Fagundes (Guest Editors). Maria Joana Barbosa (Topic Coordinator). Special Issue **“The (un)desirability of cell death in health and disease: emerging modulators and their mechanisms”**. Frontiers in Cell and Developmental Biology. (<https://www.frontiersin.org/research-topics/57035/the-undesirability-of-cell-death-in-health-and-disease-emerging-modulators-and-their-mechanisms>)
10. Juliana Faria. Joana Barbosa. Ricardo Jorge Dinis-Oliveira. Special issue Guest Editors of **“Pharmacology and Toxicology of Opioids”**. Pharmaceuticals. Editing role: Special issue Editors (https://www.mdpi.com/journal/pharmaceuticals/special_issues/2R801FXU77)
11. Manuela Oliveira (Guest Editor). Special Issue: **“Microbial Forensics: opportunities and limitations”**. Forensic Sciences (https://www.mdpi.com/journal/forensicsci/special_issues/PT1493L77L)
12. Manuela Oliveira (Guest Editor). Special Issue: **“Progress and Challenges in Antimicrobial Resistance”**. Journal of Fungi (https://www.mdpi.com/journal/jof/special_issues/3F7061RT8V)
13. Manuela Oliveira (Guest Editor). Special Issue: **“Progress and Challenges in Antimicrobial Resistance”**. Microorganisms (https://www.mdpi.com/journal/microorganisms/special_issues/K69328B166)

14. Rui M. S. Azevedo Special Issue Editor of **"Innovations in Forensic Sciences: Advancing Investigations through Multidisciplinary Approaches"**, Applied Sciences, MDPI. (https://www.mdpi.com/journal/applsci/special_issues/3V4E02MGR3)
15. Sandra Quinteira and Olga Lage. Special issue Guest Editors of **"Genetic Characterization of Antimicrobial Resistance under the One Health Approach Antibiotics"**. Antibiotics. Editing role: Special issue Editors. (https://www.mdpi.com/journal/antibiotics/special_issues/0105LW6LYG)
16. Susana Coimbra and Alice Santos-Silva. Special issue Guest Editors of **"New Advances in Chronic Kidney Disease: Biology, Diagnosis and Therapy"**. Biomedicines. Editing role: Special issue Editors (https://www.mdpi.com/journal/biomedicines/special_issues/035R34MF5P)
17. Susana Coimbra and Alice Santos-Silva. Special issue Guest Editors of **"New Advances in Chronic Kidney Disease: Biology, Diagnosis and Therapy 2nd Edition"**. Biomedicines. Editing role: Special issue Editors (https://www.mdpi.com/journal/biomedicines/special_issues/035R34MF5P)
18. Susana Coimbra, Alice Santos-Silva and Flávio Reis. Special issue Guest Editors of **"Diagnosis and monitoring of kidney disease: from biology to biomarkers"**. International Journal of Molecular Sciences. Editing role: Special issue Editors (https://www.mdpi.com/journal/ijms/special_issues/BX542NXI2M)

7.3. SCIENTIFIC JOURNAL REVIEWER

1. ACS ES&T Water (ACS)
2. Acta Portuguesa de Nutrição
3. Allergy (Wiley)
4. Alzheimer's Research & Therapy (BioMed Central)
5. Antimicrobial Agents and Chemotherapy
6. Antioxidants (MDPI)
7. Antioxidants and Redox Signaling (Mary Ann Liebert)
8. Arab Journal of Basic and Applied Sciences (Taylor and Francis Ltd.)
9. Artificial Intelligence in Health (AccScience Publishing)
10. Basic and Clinical Pharmacology and Toxicology (Wiley Online Library)
11. Biomedicines (MDPI)
12. BMC Geriatrics
13. Brain Sciences (MDPI)
14. Cells (MDPI)
15. Clinical Microbiology and Infection
16. Clinics and Practice (MDPI)
17. Current Forensic Science (Bentham Science Publishers)
18. Current Medical Chemistry (Bentham Science Publishers)
19. Current Medical Research & Opinion (Taylor and Francis Ltd.)
20. Diagnostics (MDPI)
21. Environmental Science & Technology (ACS)
22. Environmental Science and Pollution Research (Elsevier)
23. Environments (MDPI)
24. FEBS Journal (Federation of European Biochemical Societies, Wiley, Wiley-Blackwell)
25. Foods (MDPI)
26. Forensic Sciences (MDPI)
27. Frontiers in Cell and Developmental Biology (Frontiers)
28. Frontiers in Immunology (Frontiers)
29. Frontiers in Neuroscience (Frontiers)
30. Genes (MDPI)
31. Healthcare (MDPI)
32. International Journal of Molecular Sciences (MDPI)
33. International Journal of Sports Medicine (IJSM)
34. Journal of Alzheimer's Disease (IOS Press)
35. Journal of Antimicrobial Chemotherapy
36. Journal of Clinical Medicine (MDPI)
37. Journal of Food and Nutrition Research
38. Journal of Integrative Medicine (Elsevier)
39. Journal of Molecular Histology (Springer Nature)
40. Journal of Personalized Medicine (MDPI)
41. MedComm (Wiley Online Library)
42. Medicina (MDPI)
43. Microbial Drug Resistance
44. Molecular Neurobiology (Springer Science+Business Media)
45. Neurotoxicology (Elsevier)
46. Nutrients (MDPI)
47. Open Agriculture (De Gruyter Poland)
48. Patient Preference and Adherence (Dove Medical Press Ltd.)
49. PeerJ (Peer J Inc.)
50. Pharmaceuticals (MDPI)
51. Pharmacy (MDPI)
52. Proceedings of the National Academy of Sciences of the United States of America (National Academy of Sciences)
53. Psychoactives (MDPI)
54. Qeios
55. RevSALUS - Revista Científica Internacional da Rede Académica das Ciências da Saúde da Lusofonia – RACS
56. Science of the Total Environment (Elsevier)
57. Scientific Letters (IUCS-CESPU)
58. Scientific Reports (Nature Portfolio)
59. Slovenian Journal of Public Health
60. Sustainability (MDPI)
61. Toxics (MDPI)
62. Veterinary Medicine and Science (Wiley)
63. Veterinary Sciences (MDPI)
64. Water (MDPI)
65. Water Emerging Contaminants & Nanoplastics (OAE Publishing)

SCIENCE AND SOCIETY

8. SCIENCE AND SOCIETY

8.1. OUTREACH ACTIVITIES



2024.01.24 – Cláudia Ribeiro (EnantioTox) e Patrícia Silva: “Atividade de demonstração científica para alunos do pré-escolar: a dáfnia e a minhoca”. [Associação Teatro Construção \(ATC\)](#)



2024.07.06 – Cláudia Ribeiro (EnantioTox) e Cristina Couto: “A dáfnia como modelo invertebrado no ensino e investigação – Projeto EnantioTox da FCT”. [3º Encontro De Ciências & Tecnologias de Basto e Barroso](#)



2024.02.15 – Joana Prata: “Conversas Sobre Percursos Académicos”. [ICBAS-UP](#)



2024.07.25 – Cláudia Ribeiro (EnantioTox), Cristina Couto, Sandra Leal: “Cientista por um dia – explorando o futuro académico”. [Impulso + Centro de Estudos](#)



2024 – Ana Raquel Freitas, Carla Miranda, Sandra Quinteira (MicroMundo@IUCS-CESPU): “Alunos do agrupamento de Cristelo estão a descobrir a relação entre o solo e os antibióticos”. Agrupamento de escolas de Cristelo-Paredes



2024.09.17 – Ana Freitas, Carla Miranda, Sandra Quinteira, Alexandra Costa: “Feira de Microbiologia – Let’s celebrate microbes: a journey into tiny world”, no âmbito das comemorações do Dia Internacional do microorganismo. [CESPU-Gandra](#)



2024.11.15 – Ana Raquel Freitas: “Resistência Antimicrobiana: uma visão multidisciplinar “uma só saúde””. [Ae-ESTeSC – Mês da Ciência](#)

8.2. MEDIA

- 2024.01.17 – “A empresa alemã do setor da canábis medicinal estabeleceu uma parceria de cinco anos com o Instituto Universitário de Ciências da Saúde - Cooperativa de Ensino Superior Politécnico e Universitário. A maior parte do investimento vem da Iberis Capital” in [Expresso](#)
- 2024.01.20 – Ricardo Dinis: “Análise sobre a alteração da norma da DGS e as recomendações da utilização do dentanilo” in [RTP 1 – Jornal da Tarde](#)
- 2024.01.20 – Ricardo Dinis: “Uso de Fentanilo em Portugal” in [SIC Notícias](#)
- 2024.01.29 – Ana Raquel Freitas e Ricardo Dins: “A enigmática “Doença X”: estratégias que podem revolucionar a Saúde” in [Público](#)
- 2024.02.01 – Joana Prata: “As espécies mais perigosas em Portugal para os humanos” in [Sábado](#)
- 2024.02.15 – Ricardo Dinis: “Não há um único pesticida inócuo, que possa garantir a segurança das populações” in [Expresso](#)
- 2024.02.16 – Daniel Folha: “A origem do ano bissexto” in [National Geographic Portugal](#)
- 2024.03.09 – Inês Pádua: “Menos alimentos processados só com mais literacia alimentar” in [Observador](#)
- 2024.03.12 – Ricardo Dinis: “Dragon Ball tem muito de ciência. Até onde irão os limites humanos?” in [Público](#)
- 2024.03.26 – Cláudia Ribeiro: “Substâncias psicoativas nas águas? Existem e são um risco para todos” in [Público](#)
- 2024.04.22 – Ana Raquel Freitas: “Antibióticos nos solos” in [SIC – Primeiro Jornal](#)
- 2024.04.22 – Ricardo Dinis: “Análise sobre o relatório do Observatório Europeu da Droga e Toxicodpendência” in [SIC Notícias](#)
- 2024.04.26 – Ricardo Dinis: “50 anos do 25 de abril na área do ambiente: Qual a evolução das atividades humanas, poluentes e remediação?” in [Greensavers](#)
- 2024.05.04 – Bruno Peixoto: “Deus, espiritualidade e cérebro” in [Observador](#)
- 2024.05.18 – Entrevista a Jorge Pinto Ferreira (FAO) no âmbito do III 1H-TOXRUN International Congress 2024: “Usam-se hoje menos antibióticos na produção animal do que em humanos na União Europeia” in [Diário de Notícias](#)
- 2024.05.18 – Luís Marques Fernandes: “Será o surf um passaporte para a integração?” in [Público](#)
- 2024.06.29 – Ricardo Dinis: “Peixe-aranha e caravela-portuguesa: O que fazer em caso de picada ou queimadura” in [Viral](#)
- 2024.07.02 – Ricardo Dinis: “Análise sobre Relatório 2024 das Nações Unidas” in [NOW](#)
- 2024.07.07 – Ricardo Dinis: “Formar médicos em regime de “vá para fora, cá dentro” in [Observador](#)
- 2024.07.07 – Ricardo Dinis: “Os valores da integridade científica e académica” in [NOW](#)
- 2024.07.10 – Ricardo Dinis: “Da possível contaminação com amianto à associação a risco de cancro do ovário: o que leva a classificar o talco “provavelmente cancerígeno”?” in [Expresso](#)
- 2024.08.07 – Ricardo Dinis: “A (i)literacia em ciência: profissionais de relevo mas com CV martelados” in [Público](#)

2024.09.06 – Bruno Peixoto: “Entrei na universidade e agora...?": aspetos a considerar nesta nova fase” in [Público](#)

2024.10.03 – Bruno Peixoto: “Saúde Mental / Envelhecimento” in [RTP1 – Portugal em Direto](#)

2024.10.16 – Ricardo Dinis: “Os riscos do que comemos: os químicos que “duram para sempre” in [SAPO Lifestyle](#)

2024.10.08 – Inês Pádua: “Fruta come-se, não se bebe” in [TSF Pais e Filhos](#)

2024.10.16 – Inês Pádua: “A importância de as crianças participarem na preparação e confeção das refeições” in [Porto Canal – “Filhos e Cadilhos”](#)

HIGHLIGHTS

9.HIGHLIGHTS

Concurso de Projetos Exploratórios 2023

22.11.2024

Foram comunicados os resultados finais do Concurso de Projetos Exploratórios em Todos os Domínios Científicos a 22 de novembro de 2024.

Project: 2023.11600.PEX: Insights into microplastics from plastic food packaging.

PI: Joana Correia Prata

Funding: 44 575.00 €

APPROVED



Dia Internacional do MICROORGANISMO

17 SET 2024 10h-18h IUCS-CESPU

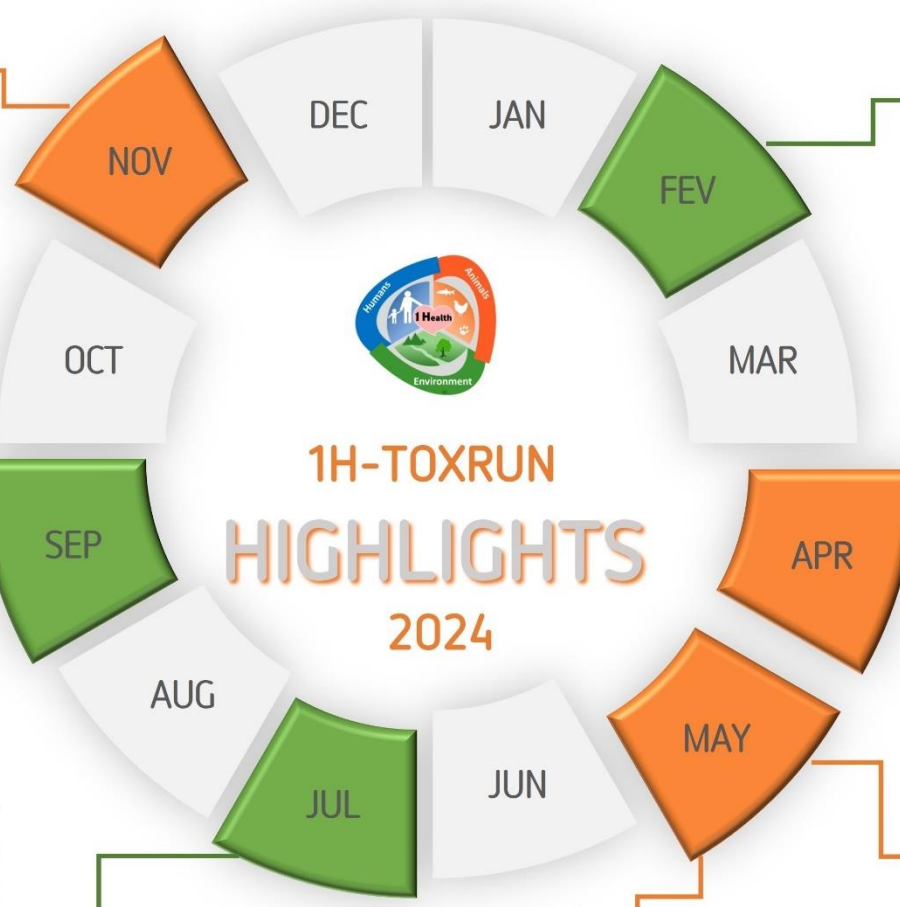
Feira de Microbiologia
Let's celebrate microbes: a journey into a tiny world



Feira de Microbiologia: "Let's celebrate microbes: a journey into tiny world"




WORKSHOP: "Cientista por um dia – explorando o futuro académico"



Associação Teatro Construção




EnantioTox

WORKSHOP: within the scope of the EnantioTox project (PI: Cláudia Ribeiro)
"Scientific Demonstration Activity for Preschool Students (at ATC): Daphnia and Earthworm"

Avaliação de Unidades de I&D 2023/2024

Submission of application for evaluation of the R&D unit of FCT, integrated into UCIBIO.



APPROVED



CA23152
Building Consensus on Biofilm Regulatory Decision Making
(OC-2023-1-26914)



III TOXRUN INTERNATIONAL CONGRESS 2024

2nd – 3rd OF MAY 24
PORTO / PORTUGAL

**NO BOUNDARIES FOR TOXICOLOGY:
ONE HEALTH, ONE SOCIETY, ONE PLANET
THE BIG CHALLENGES OF THE 21ST CENTURY**

III 1H-TOXRUN International Congress:

- 14 Invited Speakers
- 20 Selected Oral Communications
- 90 Selected Poster
- 145 Registrations