



ONE HEALTH TOXICOLOGY RESEARCH UNIT  
UNIDADE DE INVESTIGAÇÃO EM TOXICOLOGIA E UMA SÓ SAÚDE

# ACTIVITIES REPORT

2023

# ACTIVITIES REPORT

## 2023

**Edited by:**

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

**Public version of the activity report available at:**

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

**Report compiled based on the gathered information:**

- PubMed and SCOPUS (affiliation TOXRUN, publication date between 01/01/2023 and 31/12/2023)

- provided by researchers.

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# SUMMARY

## 1H-TOXRUN MEMBERS

	Number
PhD	71
PhD Students	15
Master Students	13
Research Assistants	2

## SCIENTIFIC PUBLICATIONS

	Number
<b>Scientific Publications</b>	
Books and Book Chapters	3
Articles in Scientific Journals	135
<b>Research Projects</b>	
With internal funding	16
With national external funding	16
With international funding	4

DISTRIBUTION OF PUBLICATIONS BY SCIENTIFIC AREA AND CATEGORY (based on the information available on the Scopus – from 01.01.2023 to 31.12.2023)

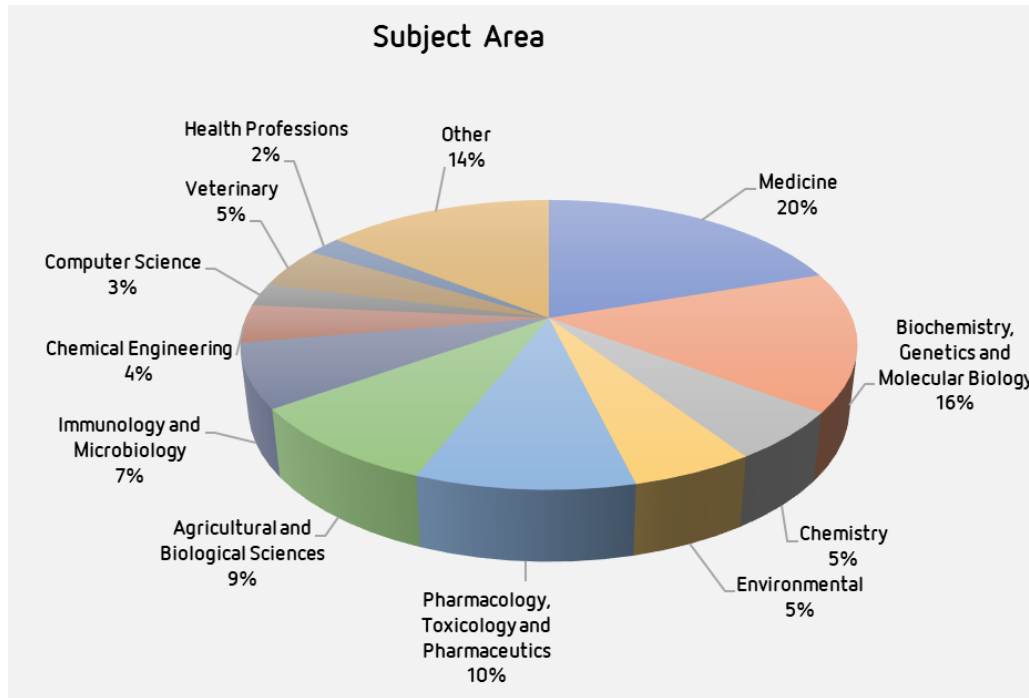


Figure 1. Percentage of 1H-TOXRUN publications by Subject Area.

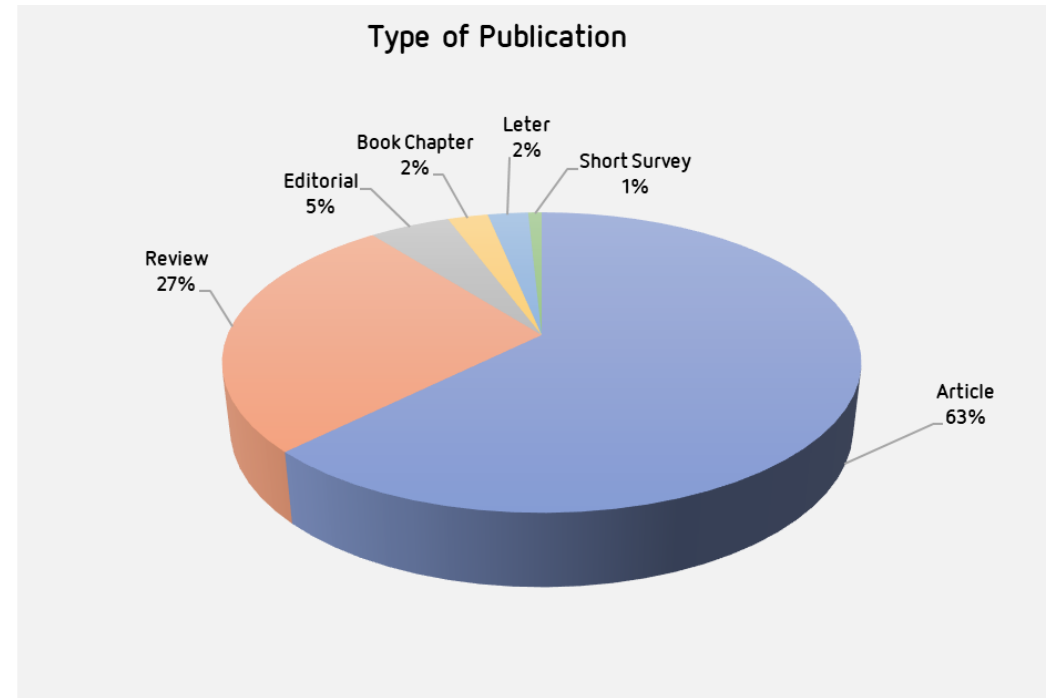


Figure 2. Percentage of 1H-TOXRUN publications by Type of Publication.

# 1H-TOXRUN MEMBERS

## 1H-TOXRUN MEMBERS

The 1H-TOXRUN research team is made up of the following members:

### PhD

NAME	Ciência ID	ORCID	MEMBER	INTEGRATION TYPE
Albina Dolores Cardoso da Silva Castro Resende	001C-D21B-F58A	0000-0003-4644-1867	PhD	Integrated
Alexandra Mónica Bastos Viana Costa	3210-404A-63D5	0000-0003-2245-5316	PhD	Integrated
Alexandra Sofia Moreira Amendolia da Costa Maia	6A15-F0A3-AEF2	0000-0002-4167-383X	PhD	Integrated
Alexandra Sofia Pereira Teixeira	521D-71F0-4D1A	0000-0003-0029-6721	PhD	Integrated
Alexandre Nuno Vaz Batista De Vieira E Brito	7F14-1DB7-A31A	0000-0003-1405-2277	PhD	Integrated
Ana Catarina Marques Gomes Tavares	1B18-4E2F-23F3	0000-0003-0140-2098	PhD	Integrated
Ana Filipa Fernandes Ferreira Sobral	8D11-2E0D-4537	0000-0003-3674-3116	PhD	Integrated
Ana Isabel Carvalho Teixeira	6F14-7025-D72D	0000-0001-8370-9311	PhD	Integrated
Ana Isabel Pacheco Teixeira	3612-C1EB-82D4	0000-0002-3254-5326	PhD	Integrated
Ana Raquel Pinho Freitas Fernandes	CD1A-0BD1-FB98	0000-0002-7326-4133	PhD	Integrated
Ana Rita De Sousa Santos	3919-8BB7-4AA8	0000-0001-6440-4870	PhD	Integrated
André Ricardo Tomás dos Santos Araújo Pereira	E013-FEE2-6E37	0000-0003-3510-948X	PhD	Integrated
Ângela Patrícia Da Silva Novais Amorim	9C1E-564B-589E	0000-0003-1171-0326	PhD	Colaborator
António Bartolomeu Jácomo Ferreira	C315-A866-7E20	0000-0002-5418-3362	PhD	Integrated
Áurea Marília Madureira e Carvalho	1E13-192E-1ED3	0000-0002-7569-6802	PhD	Integrated
Bruno Miguel Raposo Távora de Barros Peixoto	BA17-1369-F2EA	0000-0002-2427-6330	PhD	Integrated
Carla Isabel Silva Miranda	5110-8798-28ED	0000-0001-9640-9377	PhD	Colaborator
Carla Susana Meireles Coimbra	1818-39C9-ECC9	0000-0001-8411-8038	PhD	Colaborator
Carla Maria de Carvalho Batista Pinto	611B-C8E7-3DBA	0000-0002-2107-1452	PhD	Integrated
Carlos Jorge Azevedo Costa Ribeiro	241A-31B3-A5D2	0000-0001-8002-910X	PhD	Integrated
Carmen Maribel Teixeira	6711-5990-2549	0000-0003-3989-9474	PhD	Integrated
Célia Fortuna Rodrigues	5F12-D3E1-E028	0000-0001-8633-2230	PhD	Integrated
Cláudia Maria Rosa Ribeiro	9D17-0C17-2703	0000-0001-7245-4552	PhD	Integrated
Cristina Maria Cavadas Morais Couto	401F-3E18-AA5C	0000-0003-2264-5603	PhD	Integrated



Cristina Pinto Ribeiro Xavier	3814-A68B-E3B3	0000-0002-4613-1917	PhD	Integrated
Daniel Fernando Machado Folha	8E1B-0464-13A5	0000-0003-0150-0288	PhD	Integrated
Daniel José da Costa Barbosa	FE1C-104F-37C1	0000-0002-1726-6011	PhD	Integrated
Daniel Pérez Mongiovi	1F1D-7B7D-E23C	0000-0002-1048-8789	PhD	Integrated
Diana Cristina Dias da Silva	7715-CF06-F0B5	0000-0002-7331-9157	PhD	Integrated
Eduarda Marlene Peixoto da Silva	5015-3846-0CF9	0000-0002-3759-0505	PhD	Integrated
Graça Maria Figueiredo Casal	241A-2B8A-68A0	0000-0002-9680-661X	PhD	Integrated
Guillaume Laurent Erny	881C-A912-BBB5	0000-0003-2636-6740	PhD	Integrated
Helena Maria Maia Real	DF19-84E1-0599	0000-0003-1912-0603	PhD	Integrated
Inês Alexandra Costa de Morais Caldas	7318-8467-5131	0000-0003-0706-3242	PhD	Integrated
Isabel Maria Pereira Monteiro Castro Ribeiro	991B-F3C9-EF06	0000-0002-6738-8834	PhD	Integrated
Joana Correia Prata	4F14-9267-06FA	0000-0001-7814-3659	PhD	Integrated
Joana Margarida Ferreira da Costa Reis	5F1C-9D14-387E	0000-0002-9910-2036	PhD	Integrated
Joaquim António Faria Monteiro	111B-81BC-6CC4	0000-0002-1635-8811	PhD	Integrated
José Alberto Ramos Duarte	B215-DEF4-DCB1	0000-0003-4756-5917	PhD	Integrated
José Carlos Leitão Portugal Nunes	2D16-15E3-BC7D	0000-0001-8398-1366	PhD	Integrated
José Carlos Márcia Andrade	2D1D-00CA-016F	0000-0002-2403-6062	PhD	Integrated
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Juliana da Conceição Fernandes de Faria	C61C-3AD3-BD55	0000-0001-7753-0219	PhD	Integrated
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Maria Carolina Rocha e Pinho Pereira	E710-8F24-EE9B	0000-0002-1296-8858	PhD	Integrated
Maria do Céu Rodrigues Monteiro	3F18-8E35-B511	0000-0001-9719-9746	PhD	Integrated
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Maria Elizabeth Tiritan	D915-BFC0-FB3A	0000-0003-3320-730X	PhD	Colaborator
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Maria Manuela Martins Oliveira	281F-DC53-CC32	0000-0001-5785-7521	PhD	Integrated

Maria Raquel Soares Pacheco Esteves	5E1A-54BE-ACED	0000-0003-2793-4869	PhD	Integrated
Natália Ana Pereira da Cruz Martins	7216-F030-B645	0000-0002-5934-5201	PhD	Integrated
Nelson Gonçalo Mortágua Gomes	DC11-EFB8-2085	0000-0002-8727-9678	PhD	Colaborator
Nuno Jorge da Silva Pereira Milhazes	5919-8A5A-0F00	0000-0002-5171-0454	PhD	Integrated
Paolo De Marco	9C1C-CDFD-375E	0000-0002-9322-6986	PhD	Integrated
Patrícia Alexandra Pacheco Ferreira Barradas	F71C-7577-66B8	0000-0002-6954-1919	PhD	Integrated
Ricardo Jorge Dinis Oliveira	1E18-A189-41D0	0000-0001-7430-6297	PhD	Integrated
Rui Miguel Simões de Azevedo	1315-351E-6B42	0000-0002-8904-002X	PhD	Integrated
Sandra Carla Ferreira Leal	9B1E-708E-EA57	0000-0002-6762-4534	PhD	Integrated
Sandra Maria Basílio Quineteira	8D1C-EB87-D450	0000-0003-0854-2771	PhD	Colaborator
Sara Alexandra Vinhas Ricardo	9410-648A-A564	0000-0003-4091-2226	PhD	Integrated
Sara Sofia Fernandes de Lima	5A1D-E7A9-7BD0	0000-0002-3421-4854	PhD	Integrated
Sofia João dos Santos Nogueira	BC15-1E78-F396	0000-0003-0621-4424	PhD	Integrated
Sónia Marisa Rodrigues Machado	5A17-2312-D246	0000-0003-2900-6097	PhD	Integrated
Susana Isabel Ferreira da Silva de Sá	EA1F-0268-1794	0000-0002-5078-980X	PhD	Colaborator
Teresa Raquel Guerra Barroso	311C-CFC1-04A2	0000-0002-8400-0248	PhD	Integrated
Teresa Maria Salgado de Magalhães	541B-915D-A96B	0000-0002-8098-8076	PhD	Colaborator
Vitor Manuel Fernandes Seabra da Silva	9A13-F422-C91A	0000-0002-8704-5775	PhD	Integrated

## PhD Students

NAME	Ciência ID	ORCID	MEMBER	INTEGRATION TYPE
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Ana Catarina Pinto de Sousa	C81D-09E1-2F59	0000-0003-1507-6529	PhD Student	Integrated
Ângela Raquel Silva Bessa	8C1B-BD1D-523A	0000-0003-1336-0446	PhD Student	Colaborator
Andreia Machado Brito da Costa	3114-9051-C108	0000-0001-7327-1598	PhD Student	Integrated
António Miguel Sousa Rajão	2015-C445-A8FD	0000-0001-5880-4966	PhD Student	
Ariana Isabel Pérez Pereira	DD1D-76F8-6479	0000-0003-4219-7641	PhD Student	Integrated
Catarina Pereira Teixeira	7219-3C35-A46A	0000-0001-6768-7159	PhD Student	Integrated
Diana Luísa de Almeida Nunes	621C-A003-9309	0000-0003-4270-7701	PhD Student	Integrated

Ivan Marcelino Langa	FF1B-86F3-2E02	0000-0002-6164-1122	PhD Student	Integrated
Luis Miguel Marques Fernandes	A810-05EF-CDDA	0000-0002-8973-9113	PhD Student	Integrated
Márcio Teodoro da Costa Gaspar	F113-AEB5-CC3E	0000-0002-5439-7328	PhD Student	Integrated
Maria de Almeida Mexia de Almeida	081C-F448-D7DD	0000-0002-7106-4429	PhD Student	Integrated
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Ana Rita Teixeira Carvalho	851F-BOE6-CCB7	0000-0003-0634-603X	MSc Student	
Beatriz Cristina Cancela Ala Silva Lourenço	3315-DE80-CA46		MSc Student	Integrated
Cláudia Sofia Fontes Fernandes	921E-AD3C-2594	0000-0003-2013-8659	MSc Student	Integrated
Cristiana Soares Cardoso	5712-BC2A-1A58	0000-0002-0678-1034	MSc Student	Integrated
Diana Cunha Fernandes	0212-AE8D-CE5C	0000-0002-5095-5791	MSc Student	
Jéssica Leonarda Gaspar Lucala	B412-9514-7564	0000-0001-6779-7702	MSc Student	Integrated
Mariana Torres Portugal Ramirez	6415-4BA7-7189	0000-0002-7587-8163	MSc Student	Integrated
Rogério Eduardo Cerqueira Pereira Ribeiro	941F-836B-A2F5	0000-0003-4079-2121	MSc Student	Integrated
Rui Xavier Freire			MSc Student	
Sandra Maria Cerdeira de Campos Costa	F112-E745-EAC9	0000-0002-9052-9746	MSc Student	Integrated
Valter Tempura	691E-1DF2-1468	0000-0003-4042-3908	MSc Student	Integrated

## Research Assistants

NAME	Ciência ID	ORCID	MEMBER	INTEGRATION TYPE
Patricia Silva, PhD	4B19-7E26-A047	0000-0002-0694-7321	Research Assistant	Colaborator
Virgínia Gonçalves, MSc	DB12-D51F-C2D7	0000-0002-9151-516X	Research Assistant	Integrated

# **BOOKS AND BOOK CHAPTERS**

## BOOKS AND BOOK CHAPTERS

Reference	Url (ou DOI)	ISBN
1. Barbosa, D. J., Carvalho, F., & Carmo, H. (2023). Mitochondrial disruption as a contributing factor for the neurotoxicity of amphetamines. In <i>Mitochondrial Intoxication</i> (pp. 271–297). Elsevier. <a href="https://doi.org/10.1016/B978-0-323-88462-4.00014-6">https://doi.org/10.1016/B978-0-323-88462-4.00014-6</a>	<a href="https://doi.org/10.1016/B978-0-323-88462-4.00014-6">https://doi.org/10.1016/B978-0-323-88462-4.00014-6</a>	978-0-323-88462-4
2. Nunes, M., Nunes, D., & Ricardo, S. (2023). Cell Microarray: An Approach to Evaluate Drug-Induced Alterations in Protein Expression. In <i>Advancements in Cancer Research</i> (pp. 133–144). Exon Publications. <a href="https://doi.org/10.36255/cell-microarray">https://doi.org/10.36255/cell-microarray</a>	<a href="https://doi.org/10.36255/cell-microarray">https://doi.org/10.36255/cell-microarray</a>	978-0-6453320-9-4
3. Vilas-Boas, C., Almeida, J. R., Tiritan, M. E., & Correia-da-Silva, M. (2023). Beyond the marine antifouling activity: the environmental fate of commercial biocides and other antifouling agents under development. In <i>Advances in Nanotechnology for Marine Antifouling</i> (pp. 87–116). Elsevier. <a href="https://doi.org/10.1016/B978-0-323-91762-9.00001-0">https://doi.org/10.1016/B978-0-323-91762-9.00001-0</a>	<a href="https://doi.org/10.1016/B978-0-323-91762-9.00001-0">https://doi.org/10.1016/B978-0-323-91762-9.00001-0</a>	978-0-323-91762-9

# ARTICLES IN SCIENTIFIC JOURNALS

## ARTICLES IN SCIENTIFIC JOURNALS

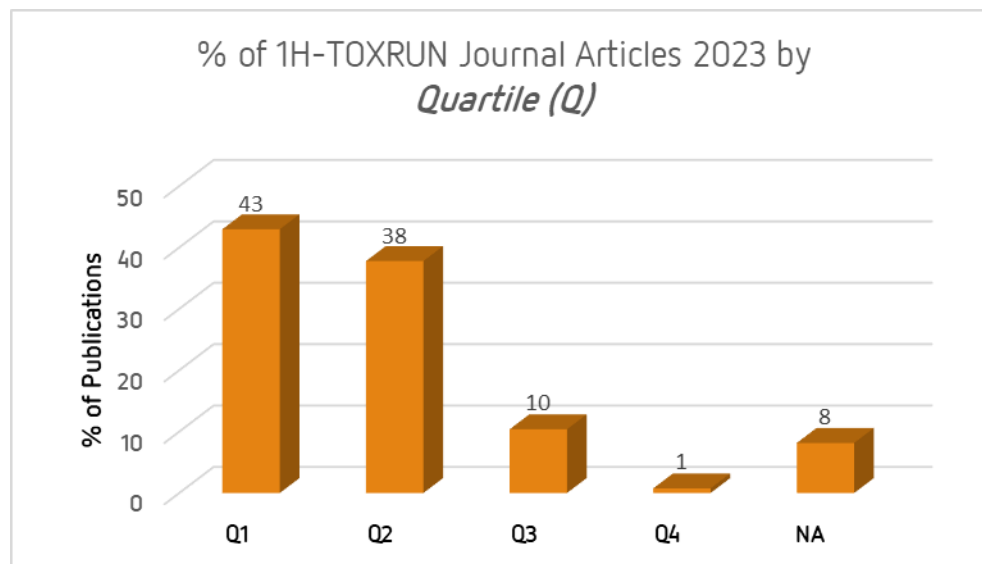


Figure 3. Percentage of 1H-TOXRUN publications by quartile (Q) ( $n=135$ ).

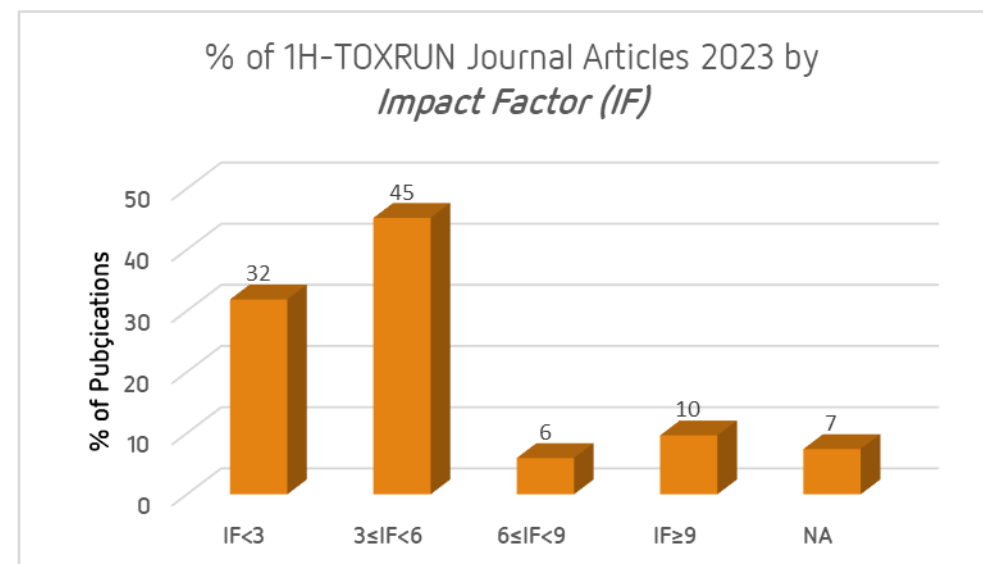


Figure 4. Percentage of 1H-TOXRUN publications by Impact Factor (IF) ( $n=135$ ).

Reference	DOI	Journal	Impact Factor	Quartile
1. Abreu, M. H., Lillsunde-Larsson, G., Bartosch, C., & Ricardo, S. (2023). Editorial: New molecular approaches to improve gynecological cancer management. <i>Frontiers in Oncology</i> , 13, 1235035. <a href="https://doi.org/10.3389/FONC.2023.1235035">https://doi.org/10.3389/FONC.2023.1235035</a>	<a href="https://doi.org/10.3389/FONC.2023.1235035">https://doi.org/10.3389/FONC.2023.1235035</a>	Frontiers in Oncology	4,7	2
2. Allkja, J., Roudbary, M., Alves, A. M. V., Černáková, L., & Rodrigues, C. F. (2023). Biomaterials with antifungal strategies to fight oral infections. <i>Critical Reviews in Biotechnology</i> . <a href="https://doi.org/10.1080/07388551.2023.2236784">https://doi.org/10.1080/07388551.2023.2236784</a>	<a href="https://doi.org/10.1080/07388551.2023.2236784">https://doi.org/10.1080/07388551.2023.2236784</a>	Critical Reviews in Biotechnology	9,00	1
3. Almeida, V., Pires, D., Silva, M., Teixeira, M., Teixeira, R. J., Louro, A., Dinis, M. A. P., Ferreira, M., & Teixeira, A. (2023). Dermatological Side Effects of Cancer Treatment: Psychosocial Implications—A Systematic Review of the Literature. <i>Healthcare</i> , 11(19), 2621. <a href="https://doi.org/10.3390/HEALTHCARE11192621">https://doi.org/10.3390/HEALTHCARE11192621</a>	<a href="https://doi.org/10.3390/HEALTHCARE11192621">https://doi.org/10.3390/HEALTHCARE11192621</a>	Healthcare	2,80	2
4. Alves, A. M. C. V., Lopes, B. O., Leite, A. C. R. de M., Cruz, G. S., Brito, É. H. S. de Lima, L. F. de, Černáková, L., Azevedo, N. F., & Rodrigues, C. F. (2023). Characterization of Oral Candida spp. Biofilms in Children and Adults Carriers from Eastern Europe and South America. <i>Antibiotics</i> , 12(5), 797. <a href="https://doi.org/10.3390/ANTIBIOTICS12050797">https://doi.org/10.3390/ANTIBIOTICS12050797</a>	<a href="https://doi.org/10.3390/ANTIBIOTICS12050797">https://doi.org/10.3390/ANTIBIOTICS12050797</a>	Antibiotics	4,80	1
5. Araújo, M., Moreira, D., Mesquita, I., Ferreira, C., Mendes-Frias, A., Barros-Carvalho, S., Dinis-Oliveira, R. J., Duarte-Oliveira, C., Cunha, C., Carvalho, A., Saha, B., Cordeiro-da-Silva, A., Estaquier, J., & Silvestre, R. (2023). Intramacrophage lipid accumulation compromises T cell responses and is associated with impaired drug therapy against visceral leishmaniasis. <i>Immunology</i> , 170(4), 510–526. <a href="https://doi.org/10.1111/IMM.13686">https://doi.org/10.1111/IMM.13686</a>	<a href="https://doi.org/10.1111/IMM.13686">https://doi.org/10.1111/IMM.13686</a>	Immunology	6,40	1
6. Azevedo, C., Rocha, S., & Casal, G. (2023). Morphological and ultrastructural description of Nematopsis spisula sp. nov. (Apicomplexa) inhabiting Spisula solida (Bivalvia) on the Portuguese Atlantic coast. <i>Bulletin of Marine Science</i> , 99(4), 547–557. <a href="https://doi.org/10.5343/bms.2023.0030">https://doi.org/10.5343/bms.2023.0030</a>	<a href="https://doi.org/10.5343/bms.2023.0030">https://doi.org/10.5343/bms.2023.0030</a>	Bulletin of Marine Science	1,50	3



- |     |   |   |      |    |
|-----|---|---|------|----|
| 7.  | Barbosa, J., Leal, S., Pereira, F. C., Dinis-Oliveira, R. J., & Faria, J. (2023). Tramadol and Tapentadol Induce Conditioned Place Preference with a Differential Impact on Rewarding Memory and Incubation of Craving. <i>Pharmaceuticals</i> , 16(1), 86. <a href="https://doi.org/10.3390/PH16010086">https://doi.org/10.3390/PH16010086</a>   | Pharmaceuticals                             | 4,60 | 2  |
| 8.  | Brandão, S. R., Reis-Mendes, A., Duarte-Araújo, M., Neuparth, M. J., Rocha, H., Carvalho, F., Ferreira, R., & Costa, V. M. (2023). Cardiac Molecular Remodeling by Anticancer Drugs: Doxorubicin Affects More Metabolism While Mitoxantrone Impacts More Autophagy in Adult CD-1 Male Mice. <i>Biomolecules</i> , 13(6), 921. <a href="https://doi.org/10.3390/BIOM13060921">https://doi.org/10.3390/BIOM13060921</a>   | Biomolecules                                | 5,50 | 1  |
| 9.  | Brandão, S. R., Reis-Mendes, A., Neuparth, M. J., Carvalho, F., Ferreira, R., & Costa, V. M. (2023). The Metabolic Fingerprint of Doxorubicin-Induced Cardiotoxicity in Male CD-1 Mice Fades Away with Time While Autophagy Increases. <i>Pharmaceuticals</i> , 16(11), 1613. <a href="https://doi.org/10.3390/PH16111613">https://doi.org/10.3390/PH16111613</a>   | Pharmaceuticals                             | 4,60 | 2  |
| 10. | Braz-José, C., Morais Caldas, I., de Azevedo, Á., & Pereira, M. L. (2023). Stress, anxiety and depression in dental students: Impact of severe acute respiratory syndrome-coronavirus 2 pandemic. <i>European Journal of Dental Education</i> , 27(3), 700–706. <a href="https://doi.org/10.1111/EJE.12858">https://doi.org/10.1111/EJE.12858</a>   | European Journal of Dental Education        | 2,40 | 2  |
| 11. | Butnariu, M., Fratantonio, D., Herrera-Bravo, J., Sukreet, S., Martorell, M., Ekaterina Robertovna, G., Les, F., López, V., Kumar, M., Pentea, M., Sarac, I., Becherescu, A., Cruz-Martins, N., Setzer, W. N., Iriti, M., Rasul Suleria, H. A., & Sharifi-Rad, J. (2023). Plant-food-derived Bioactives in Managing Hypertension: From Current Findings to Upcoming Effective Pharmacotherapies. <i>Current Topics in Medicinal Chemistry</i> , 23(8), 589–617. <a href="https://doi.org/10.2174/1568026623666230106144509">https://doi.org/10.2174/1568026623666230106144509</a> | Current Topics in Medicinal Chemistry       | 3,40 | 2  |
| 12. | Caldas, I. M., Dinis-Oliveira, R. J., Azevedo, R. M. S., & Madureira-Carvalho, Á. (2023). The Assembly of a New Human Osteological Collection: The XXI CEIC as a Forensic Pedagogical Tool. <i>Forensic Sciences</i> , 3(3), 521–532. <a href="https://doi.org/10.3390/FORENSICSCI3030036">https://doi.org/10.3390/FORENSICSCI3030036</a>   | Forensic Sciences                           | na   | na |
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| <p><b>102.</b> Ribeiro, C., Gomes, C., Pérez-Pereira, A., Carrola, J. S., Tiritan, M. E., Langa, I., Couto, C., &amp; Castro, B. B. (2023). Enantioselectivity in the Ecotoxicity of Amphetamine Using <i>Daphnia magna</i> as the Aquatic Model Organism: Morphophysiological, Behavioral, Reproductive and Biochemical Parameters. <i>Environmental Toxicology and Chemistry</i>, 42(8), 1743–1754. <a href="https://doi.org/10.1002/ETC.5646">https://doi.org/10.1002/ETC.5646</a></p> | <p><a href="https://doi.org/10.1002/ETC.5646">https://doi.org/10.1002/ETC.5646</a></p>                     | <p>Environmental Toxicology and Chemistry</p>                     | <p>4,10</p> | <p>1</p>  |
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| <p><b>105.</b> Rios, M., Zacca, R., Azevedo, R., Fonseca, P., Pyne, D. B., Reis, V. M., Moreira-Gonçalves, D., &amp; Fernandes, R. J. (2023). Bioenergetic Analysis and Fatigue Assessment During the Fran Workout in Experienced Crossfitters. <i>International Journal of Sports Physiology and Performance</i>, 18(7), 786–792. <a href="https://doi.org/10.1123/IJSP.2022-0411">https://doi.org/10.1123/IJSP.2022-0411</a></p>  | <p><a href="https://doi.org/10.1123/IJSP.2022-0411">https://doi.org/10.1123/IJSP.2022-0411</a></p>         | <p>International Journal of Sports Physiology and Performance</p> | <p>3,30</p> | <p>1</p>  |
| <p><b>106.</b> Rocha, A. S., Gonçalves, M., Oliveira, A. C., Azevedo, R. M. S., &amp; Pinho, T. (2023). Efficiency and Predictability of Coronal Maxillary Expansion Repercussion with the Aligners System: A Retrospective Study. <i>Dentistry Journal</i>, 11(11), 258. <a href="https://doi.org/10.3390/DJ11110258">https://doi.org/10.3390/DJ11110258</a></p>   | <p><a href="https://doi.org/10.3390/DJ11110258">https://doi.org/10.3390/DJ11110258</a></p>                 | <p>Dentistry Journal</p>  | <p>2,60</p> | <p>2</p>  |

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| 107. | Rocha, S., Rangel, L. F., Casal, G., Severino, R., Soares, F., Rodrigues, P., & Santos, M. J. (2023). Occurrence of two myxosporean parasites in the gall bladder of white seabream <i>Diplodus sargus</i> (L.) (Teleostei, Sparidae), with the morphological and molecular description of <i>Ceratomyxa sargus</i> n. sp. <i>PeerJ</i> , <i>11</i> , e14599. <a href="https://doi.org/10.7717/PEERJ.14599">https://doi.org/10.7717/PEERJ.14599</a>                | PeerJ  | 3,06  | 2  |
| 108. | Rodrigo, A. R., Caldas, I. M., Carvalho, B., Azevedo, Á., & de Lurdes Ferreira Lobo Pereira, M. (2023). Anxiety, fear, and stress in oral health professionals during the first year of the covid-19 pandemic. <i>SPEMD</i> , <i>64</i> (2), 84–92. <a href="https://doi.org/10.24873/J.RPEMD.2023.07.1059">https://doi.org/10.24873/J.RPEMD.2023.07.1059</a>  | SPEMD  | na    | na |
| 109. | Rodrigues, I. C., Ribeiro-Almeida, M., Ribeiro, J., Silveira, L., Prata, J. C., Pista, A., & Martins da Costa, P. (2023). Occurrence of Multidrug-Resistant Bacteria Resulting from the Selective Pressure of Antibiotics: A Comprehensive Analysis of ESBL K. pneumoniae and MRSP Isolated in a Dog with Rhinorrhea. <i>Veterinary Sciences</i> , <i>10</i> (5), 326. <a href="https://doi.org/10.3390/VETSCI10050326">https://doi.org/10.3390/VETSCI10050326</a> | Veterinary Sciences                          | 2,40  | 1  |
| 110. | Rodrigues, J., Pinto, J. V., Alexandre, P. L., Sousa-Pinto, B., Pereira, A. M., Raemdonck, K., & Vaz, R. P. (2023). Allergic Rhinitis Seasonality, Severity, and Disease Control Influence Anxiety and Depression. <i>The Laryngoscope</i> , <i>133</i> (6), 1321–1327. <a href="https://doi.org/10.1002/lary.30318">https://doi.org/10.1002/lary.30318</a>  | The Laryngoscope                             | 2,6   | na |
| 111. | Rodrigues, J., Rocha, M. I., Teixeira, F., Resende, B., Cardoso, A., Sá, S. I., Vaz, R. P., & Raemdonck, K. (2023). Structural, functional and behavioral impact of allergic rhinitis on olfactory pathway and prefrontal cortex. <i>Physiology &amp; Behavior</i> , <i>265</i> , 114171. <a href="https://doi.org/10.1016/J.PHYSBEH.2023.114171">https://doi.org/10.1016/J.PHYSBEH.2023.114171</a>  | Physiology & Behavior                        | 2,90  | 2  |
| 112. | Roque-Bravo, R., Silva, R. S., Malheiro, R. F., Carmo, H., Carvalho, F., da Silva, D. D., & Silva, J. P. (2023). Synthetic Cannabinoids: A Pharmacological and Toxicological Overview. <i>Annual Review of Pharmacology and Toxicology</i> , <i>63</i> (1), 187–209. <a href="https://doi.org/10.1146/annurev-pharmtox-031122-113758">https://doi.org/10.1146/annurev-pharmtox-031122-113758</a>   | Annual Review of Pharmacology and Toxicology | 12,50 | 1  |
| 113. | Sá, A. M., Mendes, J. M., Silva, A. S., Gonçalves, M. dos P., Cardoso, M., & Coelho, C. (2023). Opportunistic Pathogens Isolated from Peri-Implant and Periodontal Subgingival Plaque from Adjacent Teeth. <i>Applied Sciences</i> , <i>13</i> (16), 9078. <a href="https://doi.org/10.3390/app13169078">https://doi.org/10.3390/app13169078</a>   | Applied Sciences                             | 2,70  | 2  |



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| 114. | Sampaio, M. J., Ribeiro, A. R. L., Ribeiro, C. M. R., Borges, R. A., Pedrosa, M. F., Silva, A. M. T., Silva, C. G., & Faria, J. L. (2023). A technological approach using a metal-free immobilized photocatalyst for the removal of pharmaceutical substances from urban wastewaters. <i>Chemical Engineering Journal</i> , 459, 141617. <a href="https://doi.org/10.1016/J.CEJ.2023.141617">https://doi.org/10.1016/J.CEJ.2023.141617</a>                                      | Chemical Engineering Journal            | 15,10 | 1 |
| 115. | Silva, F. M., Queirós, C., Pinho, T., Boaventura, J., Santos, F., Barroso, T. G., Pereira, M. R., Cunha, M., & Martins, R. C. (2023). Reagent-less spectroscopy towards NPK sensing for hydroponics nutrient solutions. <i>Sensors and Actuators B: Chemical</i> , 395, 134442. <a href="https://doi.org/10.1016/J.SNB.2023.134442">https://doi.org/10.1016/J.SNB.2023.134442</a>   | Sensors and Actuators B: Chemical       | 8,40  | 1 |
| 116. | Silva, J. P. N., Pinto, B., Monteiro, L., Silva, P. M. A., & Bousbaa, H. (2023). Combination Therapy as a Promising Way to Fight Oral Cancer. <i>Pharmaceutics</i> , 15(6), 1653. <a href="https://doi.org/10.3390/PHARMACEUTICS15061653">https://doi.org/10.3390/PHARMACEUTICS15061653</a>   | Pharmaceutics                           | 4,60  | 2 |
| 117. | Silva, J., Faustino-Rocha, A. I., Duarte, J. A., & Oliveira, P. A. (2023). Realistic aspects behind the application of the rat model of chemically-induced mammary cancer: Practical guidelines to obtain the best results. <i>Veterinary World</i> , 16(6), 1222–1230. <a href="https://doi.org/10.14202/VETWORLD.2023.1222-1230">https://doi.org/10.14202/VETWORLD.2023.1222-1230</a>   | Veterinary World                        | 1,60  | 2 |
| 118. | Silva, S. A. M., Prata, J. C., Dias-Pereira, P., Rodrigues, A. C. M., Soares, A. M. V. M., Sarmiento, R. A., Rocha-Santos, T., Gravato, C., & Patrício Silva, A. L. (2023a). Microplastics altered cellular responses, physiology, behaviour, and regeneration of planarians feeding on contaminated prey. <i>Science of The Total Environment</i> , 875, 162556. <a href="https://doi.org/10.1016/J.SCITOTENV.2023.162556">https://doi.org/10.1016/J.SCITOTENV.2023.162556</a> | Science of The Total Environment        | 9,80  | 1 |
| 119. | Silva-Bessa, A., Forbes, S. L., Ferreira, M. T., & Dinis-Oliveira, R. J. (2023). Toxicological Analysis of Drugs in Human Mummified Bodies and Proposed Guidelines. <i>Current Drug Research Reviews</i> , 15(1), 62–72. <a href="https://doi.org/10.2174/2589977514666220914084543">https://doi.org/10.2174/2589977514666220914084543</a>  | Current Drug Research Reviews           | na    | 3 |
| 120. | Silva-Bessa, A., Madureira-Carvalho, Á., Azevedo, R. M. S., Dawson, L., Dinis-Oliveira, R. J., Forbes, S. L., & Ferreira, M. T. (2023). A soil-based approach on human taphonomy from five Portuguese public cemeteries. <i>Australian Journal of Forensic Sciences</i> , 1–20. <a href="https://doi.org/10.1080/00450618.2023.2289378">https://doi.org/10.1080/00450618.2023.2289378</a>   | Australian Journal of Forensic Sciences | 1,00  | 2 |



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| 121. | Singla, R. K., De, R., Efferth, T., Mezzetti, B., Sahab Uddin, Md., Sanusi, Ntie-Kang, F., Wang, D., Schultz, F., Kharat, K. R., Devkota, H. P., Battino, M., Sur, D., Lordan, R., Patnaik, S. S., Tsagkaris, C., Sai, C. S., Tripathi, S. K., Găman, M.-A., ... Shen, B. (2023). The International Natural Product Sciences Taskforce (INPST) and the power of Twitter networking exemplified through #INPST hashtag analysis. <i>Phytomedicine</i> , 108, 154520. <a href="https://doi.org/10.1016/j.phymed.2022.154520">https://doi.org/10.1016/j.phymed.2022.154520</a> | Phytomedicine                            | 7,90 | 1  |
| 122. | Soares, A. S., Miranda, C., Coelho, A. C., & Trindade, H. (2023). Occurrence of Coliforms and Enterococcus Species in Drinking Water Samples Obtained from Selected Dairy Cattle Farms in Portugal. <i>Agriculture</i> , 13(4), 885. <a href="https://doi.org/10.3390/agriculture13040885">https://doi.org/10.3390/agriculture13040885</a>  | Agriculture                              | 3,36 | 1  |
| 123. | Soares, M., Gonçalves, M., Rompante, P., Salazar, F., Monteiro, L., Pacheco, J.-J., & Relvas, M. (2023). Assessment of Oral Health Status in a Prison Population in Northern Portugal. <i>J Clin Exp Dent</i> , 15(11), 912–921. <a href="https://doi.org/10.4317/jced.60551">https://doi.org/10.4317/jced.60551</a>  | J Clin Exp Dent                          | 0,40 | 2  |
| 124. | Soares, R., Miranda, C., Cunha, S., Ferreira, L., Martins, Â., Igrejas, G., & Poeta, P. (2023). Antibiotic Resistance of Enterococcus Species in Ornamental Animal Feed. <i>Animals</i> , 13(11), 1761. <a href="https://doi.org/10.3390/ANI13111761">https://doi.org/10.3390/ANI13111761</a>   | Animals                                  | 3,00 | 1  |
| 125. | Sofia Almeida, A., Cardoso, T., Cravo, S., Elizabeth Tiritan, M., Remião, F., & Fernandes, C. (2023). Binding studies of synthetic cathinones to human serum albumin by high-performance affinity chromatography. <i>Journal of Chromatography B</i> , 1227, 123836. <a href="https://doi.org/10.1016/J.JCHROMB.2023.123836">https://doi.org/10.1016/J.JCHROMB.2023.123836</a>  | Journal of Chromatography B              | 3,00 | 2  |
| 126. | Sousa Queirós, S., von der Lühe, B., Silva-Bessa, A., Machado Brito-da-Costa, A., Caldas, I. M., Dawson, L., & Madureira-Carvalho, Á. (2023). Lipidic compounds found in soils surrounding human decomposing bodies and its use in forensic investigations – A narrative review. <i>Science &amp; Justice</i> , 63(3), 303–312. <a href="https://doi.org/10.1016/J.SCIJUS.2023.02.001">https://doi.org/10.1016/J.SCIJUS.2023.02.001</a>   | Science & Justice                        | 1,90 | na |
| 127. | Sousa, A. C., Ribeiro, C., Gonçalves, V. M. F., Pádua, I., & Leal, S. (2023). Chromatographic Methods for Detection and Quantification of Pyrrolizidine Alkaloids in Flora, Herbal Medicines, and Food: An Overview. <i>Critical Reviews in Analytical Chemistry</i> . <a href="https://doi.org/10.1080/10408347.2023.2218476">https://doi.org/10.1080/10408347.2023.2218476</a>  | Critical Reviews in Analytical Chemistry | 5,00 | 1  |

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| 128. Talat, A., Miranda, C., Poeta, P., & Khan, A. U. (2023). Farm to table: colistin resistance hitchhiking through food. <i>Archives of Microbiology</i> , 205(5), 1–17. <a href="https://doi.org/10.1007/S00203-023-03476-1">https://doi.org/10.1007/S00203-023-03476-1</a>  | <a href="https://doi.org/10.1007/S00203-023-03476-1">https://doi.org/10.1007/S00203-023-03476-1</a>     | Archives of Microbiology                    | 2,80 | 3  |
| 129. Teixeira, A., Azevedo, A., Pérez-Mongiovi, D., Caldas, I. M., & Costa-Rodrigues, J. (2023). Involving Forensic Students in Integrative Learning—A Project Proposal. <i>Forensic Sciences</i> , 3(1), 69–79. <a href="https://doi.org/10.3390/forensicsci3010007">https://doi.org/10.3390/forensicsci3010007</a>  | <a href="https://doi.org/10.3390/forensicsci3010007">https://doi.org/10.3390/forensicsci3010007</a>     | Forensic Sciences                           | na   | na |
| 130. Valdivieso, R., Amaral, T. F., Moreira, E., Sousa-Santos, A. R., Fernandes, M., Aguiar, M. J. V., Martins, S., Azevedo, L. F., Fernandes, L., Silva-Cardoso, J., & Borges, N. (2023a). Associations of medicine use and ejection fraction with the coexistence of frailty and sarcopenia in a sample of heart failure outpatients: a cross-sectional study. <i>BMC Cardiovascular Disorders</i> , 23(1), 1–12. <a href="https://doi.org/10.1186/S12872-023-03632-X">https://doi.org/10.1186/S12872-023-03632-X</a>   | <a href="https://doi.org/10.1186/S12872-023-03632-X">https://doi.org/10.1186/S12872-023-03632-X</a>     | BMC Cardiovascular Disorders                | 2,10 | 2  |
| 131. Valente, I. M., Sousa, C., Almeida, M., Miranda, C., Pinheiro, V., Garcia-Santos, S., Ferreira, L. M. M., Guedes, C. M., Maia, M. R. G., Cabrita, A. R. J., Fonseca, A. J. M., & Trindade, H. (2023). Insights from the yield, protein production, and detailed alkaloid composition of white ( <i>Lupinus albus</i> ), narrow-leafed ( <i>Lupinus angustifolius</i> ), and yellow ( <i>Lupinus luteus</i> ) lupin cultivars in the Mediterranean region. <i>Frontiers in Plant Science</i> , 14, 1231777. <a href="https://doi.org/10.3389/FPLS.2023.1231777">https://doi.org/10.3389/FPLS.2023.1231777</a> | <a href="https://doi.org/10.3389/FPLS.2023.1231777">https://doi.org/10.3389/FPLS.2023.1231777</a>       | Frontiers in Plant Science                  | 5,60 | 1  |
| 132. Varandas, P. A. M. M., Belinha, R., Marques, S. S., Cobb, A. J. A., Serra, V. V., Segundo, M. A., & Silva, E. M. P. (2023). Fluorescent head-labelled phospholipid coumarin bioconjugate as a chemical reporter for antioxidant protection in liposomes. <i>Dyes and Pigments</i> , 218, 111440. <a href="https://doi.org/10.1016/J.DYEPIG.2023.111440">https://doi.org/10.1016/J.DYEPIG.2023.111440</a>   | <a href="https://doi.org/10.1016/J.DYEPIG.2023.111440">https://doi.org/10.1016/J.DYEPIG.2023.111440</a> | Dyes and Pigments                           | 4,50 | 1  |
| 133. Vieira, S. F., Araújo, J., Gonçalves, V. M. F., Fernandes, C., Pinto, M., Ferreira, H., Neves, N. M., & Tiritan, M. E. (2023). Synthesis and Anti-Inflammatory Evaluation of a Library of Chiral Derivatives of Xanthenes Conjugated with Proteinogenic Amino Acids. <i>International Journal of Molecular Sciences</i> , 24(12), 10357. <a href="https://doi.org/10.3390/IJMS241210357">https://doi.org/10.3390/IJMS241210357</a>   | <a href="https://doi.org/10.3390/IJMS241210357">https://doi.org/10.3390/IJMS241210357</a>               | International Journal of Molecular Sciences | 5,60 | 1  |
| 134. Vieira, S. F., Gonçalves, S. M., Gonçalves, V. M. F., Llaguno, C. P., Macías, F., Tiritan, M. E., Cunha, C., Carvalho, A., Reis, R. L., Ferreira, H., & Neves, N. M. (2023). Echinacea   | <a href="https://doi.org/10.3390/ANTIOX12020425">https://doi.org/10.3390/ANTIOX12020425</a>             | Antioxidants                                | 7,00 | 1  |

purpurea Fractions Represent Promising Plant-Based Anti-Inflammatory Formulations. *Antioxidants*, 12(2), 425. <https://doi.org/10.3390/ANTIOX12020425>

135. Yu, M., Gouvinhas, I., Pires, M. J., Neuparth, M. J., Costa, R. M. G. da, Medeiros, R., Bastos, M. M. S. M., Vala, H., Félix, L., Venâncio, C., Barros, A. I. R. N. A., & Oliveira, P. A. (2023). Study on the antineoplastic and toxicological effects of pomegranate (*Punica granatum* L.) leaf infusion using the K14-HPV16 transgenic mouse model. *Food and Chemical Toxicology*, 174, 113689. <https://doi.org/10.1016/J.FCT.2023.113689>
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| Food and Chemical Toxicology | 4,30 | 1 |
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# RESEARCH PROJECTS

## RESEARCH PROJECTS

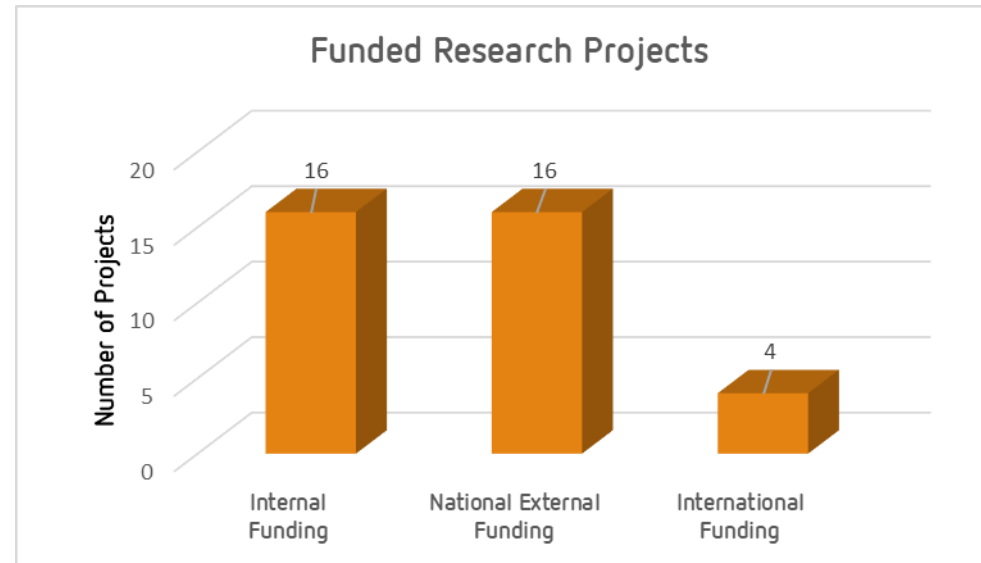


Figure 5. Funded Research Projects.

### With internal funding

- Project:** ADMT1PD\_GI2-CESPU\_2022 - The association between type 1 diabetes mellitus and periodontal diseases. | **PI:** Marta Relvas | **Project member:** Filomeza Salazar, Alexandra Viana da Costa, Ana Cristina Braga, Luís Monteiro, Paula Jarana, Ricardo Silvestre, Rosana Costa | **Funding entity:** GI2-CESPU | **Funding:** 4.800,00€ | **Period covered:** 01.09.2022 - 31.08.2023
- Project:** AEPIAPD\_GI\_GI2-CESPU\_2022 - Analysis of inflammatory mediators in the current classification of periodontal diseases: an extra panel os inflammatory activators. | **PI:** Alexandra Viana da Costa | **Project member:** Ricardo Silvestre, Ana Frias, Maria Cristina Cabral, Maria Prazeres Gonçalves, Marta Relvas | **Funding entity:** GI2-CESPU | **Funding:** 9.000,00€ | **Period covered:** 20.09.2022 - 19.09.2023

3. **Project:** APPs4DERM\_GI2-CESPU\_2022 - Assessment of acceptance and adoption of mobile applications (apps) by patients with dermatoses. | **PI:** Ana Isabel Pacheco Teixeira | **Project member:** Tiago Torres, Carmen Maribel Teixeira, Margarida Barbosa, Miguel Peixoto, Rui Moreira, Vera Almeida | **Funding entity:** GI2-CESPU | **Funding:** 1.800,00€ | **Period covered:** 01.09.2022 - 31.08.2023
4. **Project:** CBToxAtOpi\_GI2-CESPU\_2022 - Cognitive-behavioral toxicity of atypical opioids – a molecular, biochemical and histopathological approach. | **PI:** Maria Joana Barbosa | **Project member:** Juliana Faria, Cristiana Cardoso, Fernanda Garcez, Ricardo Dinis, Sandra Leal | **Funding entity:** GI2-CESPU | **Funding:** 6.000,00€ | **Period covered:** 01.09.2022 - 31.08.2023
5. **Project:** CoRECattle\_GI2-CESPU\_2022 - Prevalence of colistin-resistant Enterobacteriaceae on intensive and non-intensive cattle production systems. | **PI:** Carla Miranda | **Project member:** Alexandre Vieira e Brito, Luís Pinho | **Funding entity:** GI2-CESPU | **Funding:** 4.500,00€ | **Period covered:** 01.09.2022 - 31.08.2023
6. **Project:** ESURVTBD\_GI2-CESPU\_2022 - Surveillance of silent disseminators before zoonotic agents emergence: Portuguese autochthonous ruminant breeds and tick network. | **PI:** Patrícia Barradas | **Project member:** João Mesquita, Nuno Vieira e Brito, Ana Catarina Tavares | **Funding entity:** GI2-CESPU | **Funding:** 5.000,00€ | **Period covered:** 01.09.2022 - 31.08.2023
7. **Project:** Flav4Tumor\_GI2-CESPU\_2022 - Studies of molecular mechanisms of flavonoid derivatives with potential antitumor activity. | **PI:** Odília Queirós | **Project member:** Maria Elizabeth Tiritan, Ana Pereira, Andrea Cunha, Cláudia Pinto, Flávia Barbosa, Hassan Bousbaa, Honorina Cidade, João Silva, Patrícia Silva | **Funding entity:** GI2-CESPU | **Funding:** 5.500,00€ | **Period covered:** 01.09.2022 - 31.08.2023
8. **Project:** m\_4Parents\_GI2-CESPU\_2022 - Being Parents e Grandparents of children with cancer: mHealth for everyday support. | **PI:** Sara Lima | **Project member:** Rosana Moyses, Ana Carvalho Teixeira, Blezi Sants, Carmen Queirós, Clarisse Magalhães, Francisca Pinto, Maria Raquel Esteves, Susana Moutinho | **Funding entity:** GI2-CESPU | **Funding:** 4.500,00€ | **Period covered:** 01.09.2022 - 31.08.2023
9. **Project:** Mddemy\_GI2-CESPU\_2022 - Consequences of axonal demyelination for mitochondria biology. | **PI:** Daniel Barbosa | **Project member:** Renata Silva, Ana Rita Monteiro, Cátia Carvalho | **Funding entity:** GI2-CESPU | **Funding:** 3.000,00€ | **Period covered:** 20.09.2022 - 19.09.2023
10. **Project:** OVCARTEST\_GI2-CESPU\_2022 - Ovarian Cancer Ascites-Derived Organoids as a Preclinical Platform to Predict Therapeutical Responses. | **PI:** Sara Ricardo | **Project member:** Raquel Almeida, Diana Nunes, Mariana Nunes | **Funding entity:** : GI2-CESPU | **Funding:** 5.500,00€ | **Period covered:** 01.09.2022 - 31.08.2023
11. **Project:** SALMYTH\_GI2-CESPU\_2022 - Small scale autochthonous chicken productions - the salmonella myth. | **PI:** Nuno Vieira e Brito | **Project member:** Carla Miranda, Maria Vieira-Pinto, Sónia Batista, Teresa Mateus | **Funding entity:** GI2-CESPU | **Funding:** 5.000,00€ | **Period covered:** 01.09.2022 - 31.08.2023
12. **Project:** SGA4Cancer\_GI2-CESPU\_2022 - The second-generation antimetotics: a second chance? | **PI:** Hassan Bousbaa | **Project member:** Patrícia Silva, Bárbara Pinto, João Silva, Mafalda Duarte, Pedro Novais | **Funding entity:** GI2-CESPU | **Funding:** 5.500,00€ | **Period covered:** 01.09.2022 - 31.08.2023
13. **Project:** SNPsCKD\_GI2-CESPU\_2022 - Influence of genetic variants on inflammatory response and on mortality risk in chronic kidney disease patients. | **PI:** Susana Coimbra | **Co-PI:** Alice Santos-Silva | **Project member:** Cristina Catarino, Elsa Rocha, Luís Belo, Susana Rocha | **Funding entity:** GI2-CESPU | **Funding:** 5.500,00€ | **Period covered:** 01.09.2022 - 31.08.2023

- 14. Project:** SPAinT - Quantification of Pyrrolizidine Alkaloids in Infusions of Medicinal Plants and Food Supplements Available in the Portuguese Market. | **PI:** Sandra Leal | **Project member:** Cláudia Ribeiro, Inês Pádua, Ana Sousa, Virgínia Gonçalves | **Funding entity:** GI2-CESPU | **Funding:** 4.500,00€ | **Period covered:** 01.09.2022 - 31.08.2023
- 15. Project:** upPTXovcar\_GI2-CESPU\_2022 - Overcoming paclitaxel resistance in ovarian cancer. | **PI:** Patrícia Silva | **Project member:** Hassan Bousbaa, Bárbara Pinto, João Silva, Mariana Nunes, Sara Ricardo | **Funding entity:** GI2-CESPU | **Funding:** 5.500,00€ | **Period covered:** 01.09.2022 - 31.08.2023
- 16. Project:** XANTAAL\_GI2-CESPU\_2022 - Xanthone-based fluorophores for the enantioselective recognition of D-amino acids in Alzheimer disease. | **PI:** Eduarda Silva | **Project member:** Marcela Segundo, Andrea Cunha, Elizabeth Tiritan, Odília Queirós, Pedro Varandas, Virgínia Gonçalves | **Funding entity:** GI2-CESPU | **Funding:** 5.500,00€ | **Period covered:** 01.09.2022 - 31.08.2023

## With national external funding

- 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:** - | **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:** EXPL/SAU-INF/0261/2021 | **Title:** Estudo das bacteriocinas em Enterococcus faecium de origem humana – a abrir caminho para terapias dirigidas contra infeções multirresistentes. | **PI:** Ana Raquel Freitas | **Funding entity:** FCT | **Period covered:** 01.01.2022 to 30.06.2023.
8. **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
9. **Project:** LA/P/0070/2020 | **Title:** Institute for Research and Innovation in Health | **PI:** Cláudi 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.
10. **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.
11. **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.
12. **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
13. **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 31.12.2024
14. **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 06.01.2025
15. **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
16. **Project:** MyNPK | **Title:** MyNPK - a system for high accuracy fertilizer quantification of nitrogen, phosphorous and potassium for precision hydroponics production (INESC TEC Internal Project) | **PI:** Rui Costa Martins (INESCTEC) | **Project Member:** Teresa Barroso | **Funding entity:** INESCTEC internal project | **Period covered:** Maio 2022 a Maio 2023.



## With international funding

1. **Project:** 2020-1-CZ01-KA203-078218 [Erasmus+ Programme] | **Title:** Open Access Educational Materials on Naturally Occurring Molecules - Sources, Biological Activity and Use | **Acronym:** OEMONOM | **Project Member:** Carolina Rocha-Pereira, Diana Dias da Silva | **Funding EntityEntidade Financiadora:** EU | **Funding:** 382.169,00€ | **Period covered:** 2019 to 2023.
2. **Project:** Fapergs 05/2019 | **Title:** PqG: Avaliação de mecanismos bioquímicos e moleculares relacionados a neurotoxicidade de inseticidas neonicotinoides e herbicidas utilizados no RS. | **Project Member:** Diana Dias da Silva | **Funding entity:** FAPERGS-Fundação de Amparo à Pesquisa do Estado do Rio Grande do Sul.
3. **Project:** Fapergs04/2019 | **Title:** Auxílio ARD: Avaliação da imunotoxicidade de herbicidas. | **Project Member:** Diana Dias da Silva | **Funding entity:** FAPERGS-Fundação de Amparo à Pesquisa do Estado do Rio Grande do Sul.
4. **Project:** H2020-WIDESPREAD-2020-5 | **Title:** PhasAGE - Excellence Hub on Phase Transitions in Aging and Age-Related Disorders | **PI:** Sandra Macedo-Ribeiro | **Project Member:** Daniel Barbosa | **Funding entity:** European Union (Horizon 2020 Research and Innovation Programme). | **Period covered:** 01-01-2021 to 31-12-2023

**SUPERVISION / CO-SUPERVISION OF PhD THESIS AND  
MSc DISSERTATIONS**

## SUPERVISION/CO-SUPERVISION OF PhD THESIS AND MSc DISSERTATIONS

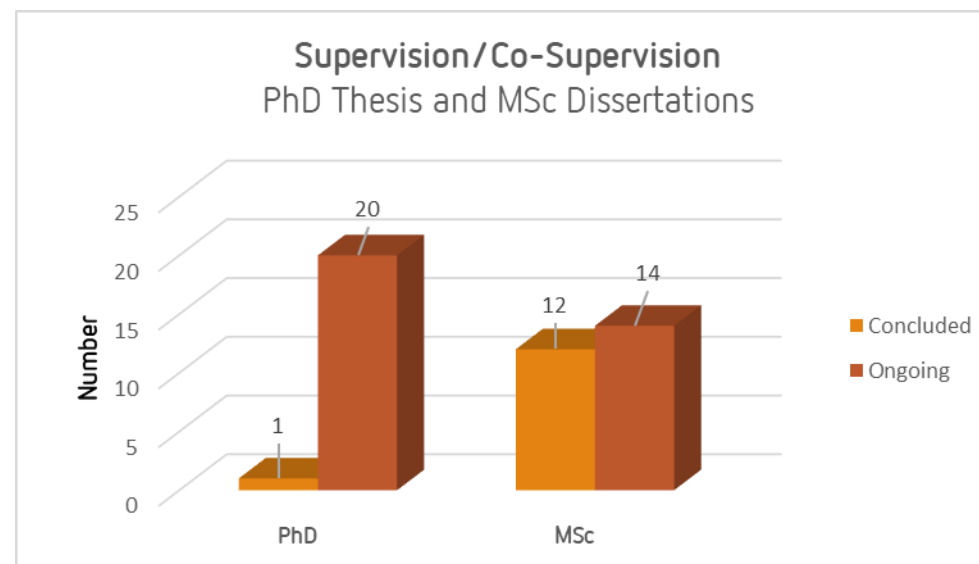


Figure 6. Supervision/Co-Supervision of PhD Thesis and MSc Dissertations.

### Supervision/Co-Supervision of PhD Thesis

#### Concluded

1. **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

## Ongoing

1. **Grant:** /BD/151317/2021 | **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
2. **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
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:** 2022.12874.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
7. **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

8. **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
9. **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
10. **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
11. **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
12. **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
13. **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 – 01.2024
14. **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
15. **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
16. **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
17. **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

- 18. 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
- 19. 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
- 20. 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

## Supervision/Co-Supervision of MSc Dissertations

### Concluded

1. **MSc Student:** Ana Catarina Monteiro Mendes Correia | **Dissertation title:** Avaliação Do Risco Nutricional E Caracterização Do Estado Nutricional de Crianças Internadas No Hospital Distrital De Santarém | **Master:** Pediatric Nutrition | **Institution that confere Master Degree:** Faculty of Nutrition and Food Sciences of the University of Porto (FCNAUP) | **Supervisor:** Maria do Céu Monteiro | **Co-Supervisor:** José Santo Amaro Rocha | **Period Cover:** Concluded at 5/12/2023
2. **MSc Student:** Ana Rita Carvalho | **Dissertation Title:** Toxicity of butylone and its enantiomers to Daphnia magna and its degradation by advanced oxidation technologies | **Master:** Mestrado em Análises Clínicas e Saúde Pública - ramo Microbiologia e Saúde Pública | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** Escola Superior de Saúde do Instituto Politécnico do Porto | **Supervisor:** Cláudia Ribeiro | **Co-Supervisor:** Ana Rita Lado, Maria Manuela Amorim | **Period Covered:** Concluded at 24.11.2023
3. **MSc Student:** Ana Rita Costa | **Dissertation Title:** Toxicity of the 3,4- methylenedioxyamphetamine (MDMA) and its enantiomers to Daphnia magna, after isolation by semipreparative chromatography | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Cláudia Ribeiro | **Co-Supervisor:** João Carrola, Maria Elizabeth Tiritan | **Period Covered:** Concluded at 27.02.2023
4. **MSc Student:** Cláudia Ferreira | **Dissertation Title:** Bacterial Mapping for Postmortem Interval Calculation. | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Ana Raquel Freitas | **Co-Supervisor:** Daniel Barbosa; Ricardo Dinis-Oliveira | **Period Covered:** Concluded at 12.12.2023
5. **MSc Student:** Claudia Raquel dos Santos Silva | **Dissertation Title:** " Autocompaixão e Imagem Corporal em pacientes com Vitiligo" | **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:** Concluded at 09/05/2023
6. **MSc Student:** Cristiana Soares Cardoso | **Dissertation Title:** "Análise de biomarcadores de neurotoxicidade associados à exposição a doses terapêuticas de tramadol e tapentadol" | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Juliana Faria | **Co-Supervisor:** Maria Joana Barbosa; Ricardo Dinis-Oliveira | **Period Covered:** Concluded on 05.12.2023
7. **MSc Student:** Julie Saraiva Pais | **Dissertation Title:** "Caracterização do estado nutricional e funcional de militares da Força Aérea Portuguesa." | **Master:** Mestrado em Nutrição Clínica | **Hosting Institution(s):** Força Aérea Portuguesa (FAP) | **Institution that confer the master degree:** Faculty of Nutrition and Food Sciences of the University of Porto | **Supervisor:** Ana Rita De Sousa Santos | **Co-Supervisor:** Bruno Oliveira (FCNAUP) | **Period Covered:** concluded at 18/12/2023

8. **MSc Student:** Mariana Vieira Pereira | **Dissertation Title:** The invisible world of fingerprints revealed by mass spectrometry | **Master:** Mestrado em Química | **Hosting Institution(s):** FCUL | **Institution that confer the master degree:** FCUL | **Supervisor:** Marta Sousa Silva | **Co-Supervisor:** Áurea Carvalho | **Period Covered:** 9.2021 - 04.2023.
9. **MSc Student:** Miguel de Faria Távora Moreira Peixoto | **Dissertation Title:** " Caracterização dos perfis da personalidade e de qualidade do sono na psoríase e 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:** Concluded at 07/02/2023
10. **MSc Student:** Olívia Coelho Lopes Marchante Pita | **Dissertation title:** Caracterização Da Oferta Alimentar Até Aos 3 Anos De Idade Em Valência De Creche: Resultados Do Projeto C2s - Creche Com Sabor E Saúde | **Master:** Pediatric Nutrition | **Master Institution that confere Master Degree:** Faculty of Nutrition and Food Sciences of the University of Porto (FCNAUP) | **Supervisor:** Maria do Céu Monteiro | **Co-Supervisor:** Beatriz Teixeira | **Period Cover:** Concluded at 6/12/2023
11. **MSc Student:** Rogério Eduardo Cerqueira Pereira Ribeiro | **Dissertation Title:** "Palavras d'El Rei"? Uma Investigação Forense Multidisciplinar do Enigmático Memorando de 1919 | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** IUCS-CESPU | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Áurea Carvalho | **Co-Supervisor:** Rui Azevedo e Rui Sousa-Silva | **Period Covered:** 10.2020 - 04.2023.
12. **MSc Student:** Sofia Alexandra Pacheco Alves | **Dissertation Title:** "Impacto psicossocial no Lúpus: Imagem corporal, qualidade de vida e autocompaixão" | **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:** Concluded at 07/02/2023

### *Ongoing*

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
2. **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



3. **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
4. **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
5. **MSc Student:** Cristina Alexandra da Silva Mendes | **Dissertation Title:** Efeitos da MDMA e de catinonas sintéticas no desenvolvimento e comportamento do modelo animal *C. elegans*. | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** 1H-TOXRUN | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Daniel José da Costa Barbosa | **Co-Supervisor:** Renata Sofia de Araújo Silva | **Period Covered:** 10.2022 – 10.2024
6. **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
7. **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.
8. **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
9. **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
10. **MSc Student:** Mariana Torres Portugal Ramirez | **Dissertation Title:** Freshwater diatom composition and seasonal variation: influence of environmental factors and its forensic application | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** IUCS-CESPU | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Cláudia Ribeiro | **Co-Supervisor:** Cristina Couto e Áurea Carvalho | **Period Covered:** 10.2021 - 01.2024.
11. **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

12. **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
13. **MSc Student:** Sandra Maria Cerdeira de Campos Costa | **Dissertation Title:** Moral Harassment in the Security Forces: is it worrying? | **Master:** Mestrado em Ciências Forenses | **Hosting Institution(s):** IUCS-CESPU | **Institution that confer the master degree:** IUCS-CESPU | **Supervisor:** Áurea Carvalho | **Co-Supervisor:** Rui Azevedo e Bruno Peixoto | **Period Covered:** 10.2021 - 04.2024.
14. **MSc Student:** Valter Bernardo Francisco | **Dissertation Title:** Development of new odontometric method of sex estimation through lower canines in Portuguese and Mozambican population. | **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 – 01.2024

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

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

### Editorial Board Members in Scientific Journals

1. Ana R. Freitas (Editorial Board Member) "Molecular Epidemiology of Resistant Organisms". Journal of Global Antimicrobial Resistance. Elsevier (<https://www.sciencedirect.com/journal/journal-of-global-antimicrobial-resistance/about/editorial-board>)
2. Áurea Carvalho, Teresa Magalhães (Editorial Board Member). "Frontiers in Forensic Sciences". SCIEPublish. (<https://www.sciepublish.com/journals/forensicsci/editors>)
3. Ricardo Dinis Oliveira (Associate Editor); Áurea Carvalho, Teresa Magalhães (Editorial Board Member). "Forensic Sciences". MDPI. ([https://www.mdpi.com/journal/forensicsci/editors?page\\_no=1](https://www.mdpi.com/journal/forensicsci/editors?page_no=1))
4. Ricardo Dinis Oliveira (Editor in Chief). "RevSALUS – Revista Científica da Rede Académica das Ciências da Saúde da Lusofonia – RACS.". (<https://revsalus.racslusofonia.org/>)
5. Ricardo Dinis Oliveira (Editor). "Forensic Sciences Research". Oxford Academic. (<https://academic.oup.com/fsr/pages/editorial-board>)
6. Ricardo Dinis Oliveira (Editorial Board Member). "Current Drug Safety". Bentham Science. (<https://benthamscience.com/journal/11/editorial-board>)
7. Ricardo Dinis Oliveira (Editorial Board Member). "Current Molecular Pharmacology". Bentham Science. (<https://benthamscience.com/journal/98/editorial-board>)
8. Ricardo Dinis Oliveira (Editorial Board Member). "Forensic Science International: Reports". Science Direct (<https://www.sciencedirect.com/journal/forensic-science-international-reports/about/editorial-board>)
9. Ricardo Dinis Oliveira (Editorial Board). "Case Reports in Critical Care". Hindawi. (<https://hindawi.com/journals/cricc/editors/>)
10. Ricardo Dinis Oliveira (Editor-in-chief); Diana Dias da Silva (Editorial Board Member). "Psychoactives". MDPI. (<https://www.mdpi.com/journal/psychoactives/editors>)
11. Ricardo Dinis Oliveira, Nuno Vieira Brito, Célia Rodrigues (Section Editor); Sara Ricardo, Paolo De Marco, Cláudia Ribeiro, José Carlos Andrade (Editorial Board Member). Scientific Letters (<https://publicacoes.cespu.pt/index.php/sl/editorialteam>)
12. Sara Ricardo (Guest associate editor). "Gynecology Oncology Journal". Frontiers

## Editing of Special Issues in Scientific Journals

1. Ana R. Freitas, Carla Novais, Patrícia Antunes. Special issue Guest Editor of “**Environmental Hotspots and Drivers of Antimicrobial Resistance**”. *Antibiotics*. Editing role: Special issue Editor ([https://www.mdpi.com/journal/antibiotics/special\\_issues/Environment\\_antibiotic](https://www.mdpi.com/journal/antibiotics/special_issues/Environment_antibiotic))
2. Ana R. Freitas, Carla Novais, Patrícia Antunes. Special issue Guest Editor of “**Molecular Epidemiology of Human Bacterial Pathogens Tolerant to Biocides and Resistant to Antibiotics**”. *Microorganisms*. Editing role: Special issue Editor ([https://www.mdpi.com/journal/microorganisms/special\\_issues/G9L7Y6VTGV](https://www.mdpi.com/journal/microorganisms/special_issues/G9L7Y6VTGV))
3. Ana R. Freitas; Breck Duerkop; Julia Willett. Special Issue Guest Editor of “**Thematic Issue on Versatile Lifestyles of Enterococci as Commensals and Pathogens**”. *FEMS Microbe*. Editing role: Guest Editor (<https://academic.oup.com/femsmicrobes/pages/call-for-papers?login=false>)
4. Ana R. Freitas; Cindy S. J. Teh; Krassimira Hristova. Special Issue Topic Editor of “**Women in Antimicrobials, Resistance and Chemotherapy: 2023**”. *Frontiers in Microbiology*. Editing role: Topic Editor ([https://www.frontiersin.org/research-topics/53619/women-in-antimicrobials-resistance-and-chemotherapy-2023?fbclid=IwAR3JCdca9GHWHRP6\\_ai0rXBGq0ydfcZus9eUgNThoMe2AyhIvrryVHRL0kM](https://www.frontiersin.org/research-topics/53619/women-in-antimicrobials-resistance-and-chemotherapy-2023?fbclid=IwAR3JCdca9GHWHRP6_ai0rXBGq0ydfcZus9eUgNThoMe2AyhIvrryVHRL0kM))
5. Ana Teixeira; Maria Teresa Herdeiro; Sandra Torres; Vera Almeida. Special Issue Editor of “**One Life One Health: Advances in Therapeutic Strategies for Chronic Patients**”. *Healthcare*. Editing role: Editor ([https://www.mdpi.com/journal/healthcare/special\\_issues/M9I4Z1HD60](https://www.mdpi.com/journal/healthcare/special_issues/M9I4Z1HD60))
6. Carla Miranda. Special Issue Guest Editor of “**Antimicrobial Usage Monitoring Systems and Stewardship of Antimicrobials in Animal Health**”. *Animals*. Editing role: Guest Editor ([https://www.mdpi.com/journal/animals/special\\_issues/15S4DSM7GL](https://www.mdpi.com/journal/animals/special_issues/15S4DSM7GL))
7. Daniel J. Barbosa; Liliana L. Luz. Special Issue Topic Editor of “**Mechanisms of myelin misregulation and neuronal dysfunction in demyelinating diseases**”. *Frontiers in Neurology*. Editing role: Topic Editor (<https://www.frontiersin.org/research-topics/49012/mechanisms-of-myelin-misregulation-and-neuronal-dysfunction-in-demyelinating-diseases>)
8. Eduarda Silva; Cláudia Ribeiro; Maria Elizabeth Tiritan. Special Issue Editor of “**Phytochemicals and Analogues as Sources of Bioactive Substances of Pharmacological and Industrial Interest**”. *Pharmaceuticals*. Editing role: Editor ([https://www.mdpi.com/journal/pharmaceuticals/special\\_issues/20591K74SR?fbclid=IwAR3oVB1XwKguYVpMPjuMdazjZ5bPFA0jJxsUbf\\_TIJj\\_1Hrjk9BeMp74yw](https://www.mdpi.com/journal/pharmaceuticals/special_issues/20591K74SR?fbclid=IwAR3oVB1XwKguYVpMPjuMdazjZ5bPFA0jJxsUbf_TIJj_1Hrjk9BeMp74yw))
9. Jorge P. Machado; Maria Begoña Criado. Collection Editor of “**Advances in Integrative Medicine: Complementary approaches and therapies in global healthcare**”. *Healthcare*. Editing role: Collection Editor ([https://www.mdpi.com/journal/healthcare/topical\\_collections/AIMCATGH](https://www.mdpi.com/journal/healthcare/topical_collections/AIMCATGH))
10. Juliana Faria; Joana Barbosa; Ricardo Dinis-Oliveira. Special Issue Editor of “**Pharmacology and Toxicology of Opioids**”. *Pharmaceuticals*. Editing role: Editor ([https://www.mdpi.com/journal/pharmaceuticals/special\\_issues/2R801FXU77](https://www.mdpi.com/journal/pharmaceuticals/special_issues/2R801FXU77))

11. Patrícia M. A. Silva, Hassan Bousbaa, Honorina Cidade. Special Issue Guest Editor of “**Bioactive Compounds in Cancers**”. *International Journal of Molecular Sciences*. Guest Editors. ([https://www.mdpi.com/journal/ijms/special\\_issues/2I2VLC08N0](https://www.mdpi.com/journal/ijms/special_issues/2I2VLC08N0))
12. Patrícia M. A. Silva, Odília Queirós. Special Issue Guest Editor of “**Nano-Drug Delivery Systems for Targeting the Tumor Microenvironment and Simultaneously Overcoming Drug Resistance Properties**”. *Pharmaceutics*. Editing role: Guest Editors ([https://www.mdpi.com/journal/pharmaceutics/special\\_issues/BG11RU976G](https://www.mdpi.com/journal/pharmaceutics/special_issues/BG11RU976G))
13. Patrícia M. A. Silva; Daniel José Barbosa; Elaine Souza-Fagundes; Maria Joana Barbosa. Special Issue Topic Editor of “**The (Un)Desirability of Cell Death in Health and Disease: Emerging Modulators and their Mechanisms**”. *Frontiers in Cell and Developmental Biology*. Editing role: Topic Editor (<https://www.frontiersin.org/research-topics/57035/the-undesirability-of-cell-death-in-health-and-disease-emerging-modulators-and-their-mechanisms>)
14. Ricardo Dinis Oliveira; Áurea Carvalho; Rui Azevedo; Diana Dias da Silva; Inês Caldas. Special Issue Guest Editors of “**Pedagogical Innovation and Research in Forensic Sciences: Approaches, Outcomes and Challenges**”. *Forensic Sciences*, MDPI. Editing role: Special Issue Guest Editors ([https://www.mdpi.com/journal/forensicsci/special\\_issues/pedagogical\\_forensic](https://www.mdpi.com/journal/forensicsci/special_issues/pedagogical_forensic))
15. Ricardo Dinis-Oliveira. Special Issue Editor of “**Pharmacokinetics and Pharmacodynamics of Psychoactive Substances: Clinical and Forensic Aspects 2023**”. *Pharmaceutics*. Editing role: Editor ([https://www.mdpi.com/journal/pharmaceutics/special\\_issues/H21J0E6858?fbclid=IwAR26BDjeZuz-ljq0gblCJTz0gl60scHMsJpaxL5ZZtUv9qtvQBKguXnWcw](https://www.mdpi.com/journal/pharmaceutics/special_issues/H21J0E6858?fbclid=IwAR26BDjeZuz-ljq0gblCJTz0gl60scHMsJpaxL5ZZtUv9qtvQBKguXnWcw))
16. Rodrigo Zacca; Flávio Castro; Rui Azevedo. Special Issue Editors of “**Digital Technologies: Applications, Window of Opportunity and Challenges in Exercise, Health and Sports**”. *Sports*, MDPI. Editing role: Special Issue Editors ([https://www.mdpi.com/journal/sports/special\\_issues/Technologies\\_sports](https://www.mdpi.com/journal/sports/special_issues/Technologies_sports))
17. Susana Coimbra; Alice Santos-Silva. Special Issue Editor of “**New Advances in Chronic Kidney Disease: Biology, Diagnosis and Therapy**”. *Biomedicines*. Editing role: Editor ([https://www.mdpi.com/journal/biomedicines/special\\_issues/O35R34MF5P](https://www.mdpi.com/journal/biomedicines/special_issues/O35R34MF5P))

## Scientific Journal Reviewer

1. Allergy (Wiley)
2. Animals (MDPI)
3. Annals of Hematology
4. Anticancer Agents in Medical Chemistry (Bentham Science Publishers)
5. Antioxidants (MDPI)
6. Applied Sciences
7. Ata Portuguesa de Nutrição
8. Biology (MDPI)
9. Biomedicines (MDPI)
10. Biomolecules (MDPI)
11. Biotechnology & Genetic Engineering Reviews (Nottingham University Press)
12. BMC Genomics (BMC)
13. BMJ Oncology
14. British Journal of Clinical Pharmacology (Wiley-Blackwell Publishing Ltd.)
15. Cancer Medicine (Wiley Online Library)
16. Cancers
17. Cells (MDPI)
18. Clinical & Experimental Metastasis (Springer Nature)
19. Clinical Microbiology and Infection (Elsevier)
20. CNS & Neurological Disorders - Drug Targets
21. Current Medical Chemistry (Bentham Science Publishers)
22. Cytokine
23. Drug Design, Development and Therapy (Dove Medical Press Ltd.)
24. Endocrines (MDPI)
25. Environmental Advances
26. European Journal of Pharmacology (Elsevier)
27. Foods (MDPI)
28. Forensic Sciences (MDPI)
29. Frontiers in Medicine
30. Frontiers in Microbiology (Frontiers Media S.A.)
31. Healthcare (MDPI)
32. Histology and Histopathology
33. International Journal of Dermatology
34. International Journal of Environmental Research and Public Health (MDPI)
35. International Journal of Molecular Sciences (MDPI)
36. Journal of Allergy and Clinical Immunology: Global (Elsevier)
37. Journal of Clinical Medicine (MDPI)
38. Journal of Environmental Exposure Assessment
39. Journal of Global Antimicrobial Resistance (Elsevier)
40. Journal of ovarian research (Springer Nature)
41. Journal of Xenobiotics (MDPI)
42. Marine Pollution Bulletin
43. MedComm (Wiley Online Library)
44. Medicine (Lippincott Williams & Wilkins)
45. Metabolism – Clinical and Experimental (W. B. Saunders Ltd.)
46. Metabolites (MDPI)
47. Molecular Neurobiology (Springer)
48. Molecules (MDPI)
49. Nanomaterials (MDPI)
50. Neurotoxicology (Science Direct)
51. Nutrients (MDPI)
52. Oxidative Medicine and Cellular Longevity (Hindawi)
53. Pain Management (Future Medicine Ltd.)

54. Parasitology International (Elsevier)
55. Pathogens (MDPI)
56. Pharmaceuticals (MDPI)
57. Pharmaceutics (MDPI)
58. Pharmacy (MDPI)
59. Proceedings of the National Academy of Sciences (PNAS; National Academy of Sciences)
60. Processes
61. Revista Científica Internacional da Rede Académica das Ciências da Saúde da Lusofonia
62. Revista Portuguesa de Imunoalergologia (SPAIC)
63. Scientific Letters
64. Scientific Reports (Springer Nature)
65. STAR Protocols (Cell Press)
66. Stoten
67. Toxics (MDPI)
68. Tropical Medicine and Infectious Disease (MDPI)
69. Viruses (MDPI)
70. Water



**PATENTS**

# PATENTS

*Not applicable.*

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

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

Researcher	External Research Center	Situation with regard to the External Research Center (Integrated Member or Collaborator)
Ana Isabel Pacheco Teixeira	UCIBIO/REQUIMTE	Integrated
Ana R. Freitas	UCIBIO	Integrated
Carla Miranda	LAQV/REQUIMTE	Integrated
Cristina Maria Cavadas Morais Couto	LAQV/REQUIMTE	Integrated
Daniel Barbosa	i3S	Integrated
Daniel Barbosa	UCIBIO/REQUIMTE	Colaborator
Juliana Faria	UCIBIO/REQUIMTE	Integrated
Kristof René Gerarda Raemdonck	CINTESIS	Integrated
Maria Carolina Pereira	UCIBIO/REQUIMTE	Integrated
Maria Joana Barbosa	UCIBIO/REQUIMTE	Integrated
Sandra Leal	CINTESIS	Colaborator
Sara Ricardo	i3S	Integrated
Albina Dolores Resende	CIIMAR	Colaborator
Eduarda Marlene Peixoto da Silva	LAQV/REQUIMTE	Integrated
Graça Casal	CIIMAR	Colaborator
Áurea Carvalho	LAQV/REQUIMTE	Colaborator
Inês Pádua	ISPUP	Colaborator

**HIGHLIGHTS**



# II TOXRUN INTERNATIONAL CONGRESS

27-28 April, 2023 | Porto, Portugal



<https://toxrun.iucs.cespu.pt/congress2023/>

## OVERVIEW

	Number
Invited Speakers	15
Registrations	156
Submitted abstracts	88
<i>Selected Oral Communications</i>	20
<i>Selected Posters</i>	68