

João Botelho

João Botelho completed his DDS in 2015 at Egas Moniz University, in Portugal. Dr. Botelho obtained his PhD degree in Biomedical Sciences at the University of Porto, ICBAS School of Medicine and Biomedicine Sciences. He was a visiting researcher in the laboratory of Prof. Jacques Nör, at Michigan University, USA. Since 2017, Dr Botelho is a consultant for Research and Education at Egas Moniz - Cooperativa de Ensino Superior, CRL. Since 2021, Dr. Botelho is an Associate Editor of BMC Systematic Reviews and PLOS Global Public Health, and a Review Editor of Frontiers in Dental Medicine. Since 2021, he is a Collaborator Member of Global Burden of Disease. Since 2024, he is junior editorial member of the Journal of Periodontal Research. He is an invited expert for the update of SPIRIT/CONSORT guidelines lead by Oxford University. Dr. Botelho research focuses mainly on the mechanisms upon the association between oral health and systemic health, particularly periodontal diseases, the inflammatory processes and burden to systemic health from oral sources. Since 2024, he is member of the Board of Egas Moniz Center for Interdisciplinary Research and head of the Translational One Medicine research group.

Identification

Personal identification

Full name

João Botelho

Gender

Male

Birth date

1992/07/01

Citation names

Botelho, João

Author identifiers

Ciência ID

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Praceta da Unidade, nº5, 1º Direito, 2840-290 Pinhal de Frades, Seixal, Portugal (Personal)

Knowledge fields

Medical and Health Sciences - Clinical Medicine - Dentistry, Oral Surgery and Medicine

Medical and Health Sciences - Health Sciences - Epidemiology

Languages

Language	Speaking	Reading	Writing	Listening	Peer-review
Portuguese	Advanced (C1)	Advanced (C1)	Advanced (C1)	Advanced (C1)	
Spanish; Castilian	Intermediate (B1)	Intermediate (B1)	Intermediate (B1)	Intermediate (B1)	
English	Intermediate (B1)	Intermediate (B1)	Intermediate (B1)	Intermediate (B1)	

Education

	Degree	Classification
2022/09/28 - 2022/12/15 Concluded	Teaching Certificate: Online and Hybrid Learning Design (Pós-Graduação) Northwestern University School of Education and Social Policy, United States	
2018/01/02 - 2021/12/13 Concluded	Ciências Biomédicas (Doutoramento) Universidade do Porto Instituto de Ciências Biomédicas Abel Salazar, Portugal <i>"Periodontal disease and its risk factors in a Portuguese elderly population" (THESIS/DISSERTATION)</i>	Summa Cum Laude
2020/03/04 - 2020/04/29 Concluded	Higher Education Teaching Certificate (Pós-Graduação) Harvard University Division of Continuing Education, United States	

2015
Concluded

Mestrado Integrado em Medicina Dentária (Mestrado)

15

Instituto Superior de Ciências da Saúde Egas Moniz,
Portugal

""O Dente Como Me ´todo Orga^nico De Cultura In Situ
De Odontoblastos"" (THESIS/DISSERTATION)

Affiliation

Science

Category
Host institution/organization

Employer

2024/01 - Current	Coordinating Researcher (Research) Instituto Universitário Egas Moniz Centro de Investigação Interdisciplinar Egas Moniz, Portugal	Egas Moniz - Cooperativa de Ensino Superior Crl, Portugal
2023/09/01 - Current	Science and Technology Management Instituto Universitário Egas Moniz Centro de Investigação Interdisciplinar Egas Moniz, Portugal	Egas Moniz - Cooperativa de Ensino Superior Crl, Portugal
2020/09/01 - Current	Science and Technology Management	Centro de Investigação Interdisciplinar Egas Moniz, Portugal
2017/03/03 - Current	Researcher (Research)	Centro de Investigação Interdisciplinar Egas Moniz, Portugal
2017 - 2018	Invited Auxiliary Researcher (Research)	Centro de Investigação Interdisciplinar Egas Moniz, Portugal

Teaching in Higher Education

Category
Host institution/organization

Employer

2022/01/02 - Current	Assistant Professor (University Teacher)	Egas Moniz Cooperativa de Ensino Superior CRL, Portugal
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Others

	Category Host institution/organization	Employer
2024/08 - Current	Consultant	World Health Organization, Switzerland
2020/09/01 - Current	Evidence-Based Hub Egas Moniz	Centro de Investigação Interdisciplinar Egas Moniz, Portugal

Projects

Grant

	Designation	Funders
2024/12/01 - Current	3D A Instituto Universitário Egas Moniz Centro de Investigação Interdisciplinar Egas Moniz, Portugal	Instituto Universitário Egas Moniz Centro de Investigação Interdisciplinar Egas Moniz, Portugal Ongoing
2023/03/12 - 2024/09/11	PRODUCTIVE 2022.02119.PTDC Invited Scientist Fellow Centro de Investigação Interdisciplinar Egas Moniz, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Ongoing
2023/03/12 - 2024/09/11	MICROresist-PI 2022.01430.PTDC Invited Scientist Fellow Centro de Investigação Interdisciplinar Egas Moniz, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Ongoing
2020/11 - 2023/11	Exploiting the power of decellularized extracellular matrix to fabricate hierarchical biomimetic scaffolds to regenerate functional periodontal tissues PTDC/BTM-MAT/3538/2020 Invited Scientist Fellow	Ongoing
2020/10/30 - 2021/04/30	Dental Hotte 1111 Integration into Research Grant Fellow Centro de Investigação Interdisciplinar Egas Moniz,	Fundação para a Ciência e a Tecnologia, Portugal Ongoing

Portugal

Contract

	Designation	Funders
2021/03/01 - 2025/02/28	Exploiting the power of decellularized extracellular matrix to fabricate hierarchical biomimetic scaffolds to regenerate functional periodontal tissues PTDC/BTM-MAT/3538/2020 10.54499/PTDC/BTM-MAT/3538/2020	Fundação para a Ciência e a Tecnologia, Portugal Ongoing
	Associação do Instituto Superior Técnico para a Investigação e Desenvolvimento, Portugal Universidade de Lisboa Instituto de Bioengenharia e Biociências, Portugal Universidade Católica Portuguesa Centro de Estudos de Gestão e Economia, Portugal	
2023/03/12 - 2024/09/11	Porphyromonas gingivalis associated inflammation on female reproductive tissues 2022.02119.PTDC 10.54499/2022.02119.PTDC	Fundação para a Ciência e a Tecnologia, Portugal Ongoing
	Egas Moniz - Cooperativa de Ensino Superior Crl, Portugal Universidade de Lisboa Instituto de Investigação do Medicamento, Portugal	
2023/01/02 - 2024/07/01	Metagenomic snapshot of the microbiome and resistome in peri-implantitis: pilot study 2022.01430.PTDC 10.54499/2022.01430.PTDC	Fundação para a Ciência e a Tecnologia, Portugal Ongoing
	Egas Moniz - Cooperativa de Ensino Superior Crl, Portugal	
2021/03/01 - 2024/02/29	Matriz extracelular descelularizada como componente fundamental no fabrico de scaffolds hierárquicos e biomiméticos para regeneração de tecidos periodontais funcionais PTDC/BTM-MAT/3538/2020	Fundação para a Ciência e a Tecnologia, Portugal Ongoing
	Associação do Instituto Superior Técnico para a Investigação e Desenvolvimento, Portugal Universidade de Lisboa Instituto de Bioengenharia e Biociências, Portugal	
2019/01/01 - 2019/12/31	Centro de investigação interdisciplinar Egas Moniz UID/BIM/04585/2019	Fundação para a Ciência e a Tecnologia, Portugal
	Instituto Universitário Egas Moniz Centro de Investigação Interdisciplinar Egas Moniz, Portugal Egas Moniz - Cooperativa de Ensino Superior Crl, Portugal	Concluded

Other

	Designation	Funders
2022/05 - 2023/07	Profiling oral health status, values, and related quality of life in patients with oral cancer: a pilot study 38089602	Concluded
2019/09 - 2021/05	Using the Genetic Predisposition to Periodontal Disease to Understand Spontaneous Preterm Birth. CEI/11/2018 Invited Scientist Fellow Egas Moniz Cooperativa de Ensino Superior CRL, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Ongoing

Outputs

Publications

Book chapter	1	Dionísio, Tiago; Brandão, Pedro; Machado, Vanessa; Mendes, José João; Fonte, Pedro; Botelho, João. "Chapter 6 - Drug delivery systems for mouth wound healing". In <i>Drug delivery systems for wound healing</i> , edited by Fonte, Pedro; Brandão, Pedro. United Kingdom: Academic Press, 2024. Published
	2	Mendes JJ; Delgado, Ana Sintra; Botelho, João; Machado, Vanessa; Morgado, Mariana. "Medicina dentária". In <i>O Exército e a Saúde Militar na Primeira Guerra Mundial</i> , edited by Carvalho, Rui Pires de; Torrado, Berta Mourão; Silva, Mário J. Freire da, 355-376. Lisboa, Portugal: Biblioteca do Exército, 2021. Published
Conference abstract	1	Pereira, Dinis; Machado, Vanessa; Botelho, João; Proença, Luís; Delgado, Ana; Mendes, José João. "Assessment of the relationship between oral health-related quality of life (OHRQoL) and dental malocclusion in a Portuguese sample". 2021. 10.1080/07853890.2021.1896918
	2	Machado, Vanessa; Botelho, João; Proença, Luís; Alves, Ricardo; Cavacas, Maria Alzira; Amaro, Luís; Mendes, José João. "Evaluation of periodontally diseased molars based on the Miller McEntire Periodontal Prognostic Index". 2021. 10.1080/07853890.2021.1897342
	3	Pereira, Dinis; Machado, Vanessa; Botelho, João; Proença, Luís; Delgado, Ana; Mendes, José João. "Evaluation of the relationship between oral health-related quality of life (OHRQoL) and skeletal malocclusion ζ a pilot study". 2021. 10.1080/07853890.2021.1897346
	4	Botelho, João; Machado, Vanessa; Proença, Luís; Alves, Ricardo; Cavacas, Maria Alzira; Mendes, José João. "The prevalence of patients with rheumatic diseases and its periodontal condition: data from a population-based study in the Lisbon Metropolitan Area". 2021. 10.1080/07853890.2021.1897396

- 5 Xavier, Irina; Botelho, João; Machado, Vanessa; Rua, João; Sintra Delgado, Ana; João Mendes, José. "Association between hypertension and chronic periodontitis in a Portuguese population". 2019.
10.1080/07853890.2018.1561972
- 6 Botelho, João; Machado, Vanessa; Mascarenhas, Paulo; Alzira Cavacas, Maria; João Mendes, José; Alves, Ricardo; Mendes JJ. "1-Year chronic periodontitis non-surgical treatment: comparison of upper and lower teeth probing depth reduction level". 2019.
10.1080/07853890.2018.1561975
- 7 Machado, Vanessa; Botelho, João; António Amaral; Alves, Ricardo; Proença, Luís; Mendes, José João; João Rua; Ana Delgado. "Association between gender and chronic periodontitis in a Portuguese population". Paper presented in *Translational Research and Innovation in Human in health Sciences, Monte da Caparica*, 2018.
Published · 10.1080/07853890.2018.1427445
- 8 Botelho, João; Machado, Vanessa; António Amaral; Alves, Ricardo; Proença, Luís; Mendes, José João; Gonçalves, João Miguel Rua; Ana Delgado. "Association between age and chronic periodontitis in a Portuguese population". Paper presented in *Translational Research and Innovation in Human in health Sciences, Monte do Caparica*, 2018.
Published · 10.1080/07853890.2018.1427445

- Conference paper 1 Izidoro, Catarina; Botelho, João; Machado, Vanessa; Reis, Ana Mafalda; Proença, Luís; Alves, Ricardo; Mendes, José João. "Intra-Oral Halitosis in Periodontitis: The Role of Tongue Coating—A Cross-Sectional Study". 2023.
10.3390/msf2023022001
- 2 Delgado, Ana; Botelho, João; Machado, Vanessa; Amaral, António; Alves, Ricardo ; Proença, Luis; Mendes, José João Baltazar; Rua, João. "Association between overweight/obesity and chronic periodontitis in a Portuguese population". Paper presented in *2nd International Congress of CiiEM - Translational Research and Innovation in Human and Health Sciences*, 2017.
Published
- 3 Delgado, Ana; Machado, Vanessa; Botelho, João; Amaral, António; Alves, Ricardo ; Proença, Luis; Mendes, José João Baltazar; Rua, João. "Prevalence of periodontal disease in a Portuguese population". Paper presented in *2nd International Congress of CiiEM - Translational Research and Innovation in Human and Health Sciences*, 2017.
Published

- Conference poster 1 Botelho, João; Maurício, Paulo João Bela Teiga Durão; Costa, Joana. "Properties of 3D printed dental resins in fixed prosthodontics". Paper presented in *VI Jornadas Universitárias e Politécnicas da Egas Moniz*, 2025.
- 2 Ferreira, Ana Lúcia; Oliveira, Patrícia; Borga, Joana; Botelho, João; Bugaighis, Iman; Mariano Pereira, Pedro. "Effectiveness of Twin Block appliance based on daily wear time - a systematic review". 2025.
- 3 Machado, Vanessa; Estarreja, João; Vilarés, Maria; Mateus, Vanessa; Mascarenhas, Paulo; Rocha, João; Pinto, Rui; et al. "Periodontite na inflamação sistémica e do sistema reprodutor feminino: estudo em ratos". Paper presented in *201ª Reunião da Sociedade Portuguesa de Ginecologia*, 2023.
N.A.

- 4 Izidoro, Catarina; Botelho, João; Machado, Vanessa; Luis Proença; Ricardo Castro Alves; Ana Mafalda Reis; JOSE JOAO BALTAZAR MENDES. "Social determinants are significantly improved with volatile sulfur compounds reduction following periodontal therapy.". Paper presented in *EuroPerio10*, 2022.

Journal article

- 1 Edouard Starck; Vanessa Machado; João Botelho; Luís Proença; Helena Barroso; Carla Ascenso; Cecília Rozan. "Effects of Probiotic Short-Term Regiment on Oral Health Parameters in Children: A Pilot Randomized Controlled Trial". *Nutrients* (2025): <https://www.mdpi.com/2072-6643/17/22/3604>.
10.3390/nu17223604
- 2 Vanessa Machado; Simone Cecílio Hallak Regalo; Luciano Maia Alves Ferreira; Roberta Lopes de Castro Martinelli; Luciana Vitaliano Voi Trawitzki; Selma Siéssere; José João Mendes; João Botelho. "Breastfeeding as a Strategic Driver for One Health: A Narrative Review". *Nutrients* (2025): <https://www.mdpi.com/2072-6643/17/23/3766>.
10.3390/nu17233766
- 3 João Viana; Vanessa Machado; Patrícia Lyra; Luís Proença; Naichuan Su; José João Mendes; João Botelho. "External Validation of Periodontal Screening Using Self-Reports in Dental Settings". *Diagnostics* (2025): <https://www.mdpi.com/2075-4418/15/23/3015>.
10.3390/diagnostics15233015
- 4 João Viana; Tiago Ferro; Ricardo Pitschieller; Vanessa Machado; Naichuan Su; José João Mendes; João Botelho. "Neutrophils at the Crossroads of Oral Microbiome Dysbiosis and Periodontal Disease". *Microorganisms* (2025): <https://www.mdpi.com/2076-2607/13/11/2573>.
10.3390/microorganisms13112573
- 5 André Júdice; Diogo Brandão; Carlota Rodrigues; Cátia Simões; Gabriel Nogueira; Vanessa Machado; Luciano Maia Alves Ferreira; et al. "Diagnostic Performance of AI-Assisted Software in Sports Dentistry: A Validation Study". *AI* (2025): <https://www.mdpi.com/2673-2688/6/10/255>.
10.3390/ai6100255
- 6 Inês Argolinha; Sofia Lobo; Ana Vieira; João Botelho; João Rua; José J. Mendes; Vanessa Machado. "Patient-Reported Outcome Measures in Clinical Practice for Tooth Wear: A Literature Review". *Journal of Clinical Medicine* (2025): <https://www.mdpi.com/2077-0383/14/14/4816>.
10.3390/jcm14144816
- 7 Mendes, José João; Neves, Margarida; Supiot, Clara; Pinto, Leonor; Tenda, Diogo; Silva, Nuno; Proença, Luís; et al. "Combining Self-Reported Information with Radiographic Bone Loss to Screen Periodontitis: A Performance Study". *Journal of Clinical Medicine* 14 13 (2025): 4531. <https://doi.org/10.3390/jcm14134531>.
Published · 10.3390/jcm14134531
- 8 Botelho, João; Lyra, Patrícia; Nascimento, Gustavo G.; Leite, Fábio R. M.; Mendes, José João; Machado, Vanessa. "Antibiotics in periodontal treatment: an umbrella review". *Frontiers in Cellular and Infection Microbiology* 15 (2025): 1601464. <https://doi.org/10.3389/fcimb.2025.1601464>.
Published · 10.3389/fcimb.2025.1601464
- 9 Dionísio, Tiago; Brandão, Pedro; Machado, Vanessa; Botelho, João; Mendes, José João; Fonte, Pedro. Corresponding author: Fonte, Pedro. "Recent advances in antibacterial nanoformulations for endodontic applications". *Expert Opinion on Drug Delivery* (2025): 1-20. <https://doi.org/10.1080/17425247>.

2025.2511963.

Published · 10.1080/17425247.2025.2511963

- 10 Leira, Yago; Batalla, Pilar; Morgado, Mariana; Machado, Vanessa; Mendes, José João; Botelho, João; Blanco, Juan. "The Use of Video-Based Learning to Elucidate the Biological Mechanisms Linking Oral Health With Specific Systemic Medical Conditions". *Special Care in Dentistry* 45 3 (2025): e70057. <https://doi.org/10.1111/scd.70057>.
10.1111/scd.70057
- 11 Luciano Maia Alves Ferreira; José Brito; Josie Resende Torres da Silva; Marcelo Lourenço da Silva; Maia e Maia Fischel e Andrade; André Júdice; José João Mendes; et al. "Assessing Frailty in the Older: The Role of Bite Force as an Independent Indicator". *Geriatrics* (2025): <https://www.mdpi.com/2308-3417/10/2/40>.
10.3390/geriatrics10020040
- 12 Ricardo Jorge Pais; João Botelho; Vanessa Machado; Gil Alcoforado; José João Mendes; Ricardo Alves; Lucinda J. Bessa. "Exploring AI-Driven Machine Learning Approaches for Optimal Classification of Peri-Implantitis Based on Oral Microbiome Data: A Feasibility Study". *Diagnostics* (2025): <https://www.mdpi.com/2075-4418/15/4/425>.
10.3390/diagnostics15040425
- 13 Sofia Lobo; Inês Argolinha; Vanessa Machado; João Botelho; João Rua; Junying Li; José João Mendes. "Advances in Digital Technologies in Dental Medicine: Enhancing Precision in Virtual Articulators". *Journal of Clinical Medicine* (2025): <https://www.mdpi.com/2077-0383/14/5/1495>.
10.3390/jcm14051495
- 14 Baptiste Mielle; André Júdice; Luís Proença; Vanessa Machado; Ana M. Vieira; José João Mendes; Cristina Manso; Cecília Rozan; João Botelho. "Dental Caries, Tooth Erosion and Nutritional Habits in a Cohort of Athletes: A Cross-Sectional Study". *Nutrients* (2025): <https://www.mdpi.com/2072-6643/17/3/543>.
10.3390/nu17030543
- 15 Lucinda J. Bessa; Conceição Egas; João Botelho; Vanessa Machado; Gil Alcoforado; José João Mendes; Ricardo Alves. "Unveiling the Resistome Landscape in Peri-Implant Health and Disease". *Journal of Clinical Medicine* (2025): <https://www.mdpi.com/2077-0383/14/3/931>.
10.3390/jcm14030931
- 16 Lisetty Garrido; Inês Rodrigues; Patrícia Lyra; L. Proença; Joao Botelho; Sónia Frota; JOSE JOAO BALTAZAR MENDES; Vanessa Machado. "Perceived Infant Discomfort Linked to Lower Maternal Oral Health Quality of Life: Results from a Cross-Sectional Study". *Journal of Clinical Medicine* (2024): <https://www.mdpi.com/2077-0383/13/19/5931>.
10.3390/jcm13195931
- 17 Fanny LABORNE; Vanessa Machado; Joao Botelho; Luisa Bandeira Lopes. "The Child Oral Health Impact Profile—Short Form 19 Cross-Cultural Adaptation and Validity for the Portuguese Pediatric Population". *Journal of Clinical Medicine* (2024): <https://www.mdpi.com/2077-0383/13/16/4725>.
10.3390/jcm13164725
- 18 Carolina Marques; Mafalda Dinis; Vanessa Machado; Joao Botelho; Luisa Bandeira Lopes. "Evaluating the Quality of Systematic Reviews on Pediatric Sedation in Dentistry: An Umbrella Review". *Journal of Clinical Medicine* (2024): <https://www.mdpi.com/2077-0383/13/12/3544>.
10.3390/jcm13123544

- 19 Patrícia Lyra; Joao Botelho; Silvia Rota; Karolina Poplawska-Domaszewicz; Vanessa Machado; Daniela Guerreiro; L. Proença; et al. "Non-Surgical Periodontal Therapy's Influence on Alpha-Synuclein and Inflammatory Marker Levels: A Pilot Study". *Journal of Clinical Medicine* (2024): <https://www.mdpi.com/2077-0383/13/12/3586>.
10.3390/jcm13123586
- 20 Estarreja, João; Pimenta, Ana Clara; Botelho, João; Vilares, Arminda Maria; Mendes, José João; Rocha, João; Pinto, Rui; Mateus, Vanessa; Machado, Vanessa. "Blood count, endocrine, immunologic, renal, and hepatic markers in a case-control animal study of induced periodontitis in female rodents". *Frontiers in Physiology* 15 (2024): 1327399. <http://dx.doi.org/10.3389/fphys.2024.1327399>.
10.3389/fphys.2024.1327399
- 21 Eduardo Guerreiro; Joao Botelho; Vanessa Machado; L. Proença; JOSE JOAO BALTAZAR MENDES; Ana Cristina Manso. "Caries Experience before and after COVID-19 Restrictions: An Observational Study". *Journal of Clinical Medicine* (2024): <https://www.mdpi.com/2077-0383/13/4/1164>.
10.3390/jcm13041164
- 22 José Cardoso; Ana Clara Ribeiro; Joao Botelho; L. Proença; Susana Noronha; Ricardo Alves. "The Influence of Genetic Polymorphisms on the Expression of Interleukin-1beta, Prostaglandin E2 and Tumor Necrosis Factor Alpha in Peri-Implant Crevicular Fluid: A Cross-Sectional Study". *International Journal of Molecular Sciences* (2024): <https://www.mdpi.com/1422-0067/25/1/651>.
10.3390/ijms25010651
- 23 Dinis Pereira; Vanessa Machado; Joao Botelho; Carolina Lemos; JOSE JOAO BALTAZAR MENDES; Ana Sintra Delgado. "Vertical Dentofacial Skeletal Divergency Is Not Linked with Oral Health-Related Quality of Life". *Journal of Clinical Medicine* (2024): <https://www.mdpi.com/2077-0383/13/3/665>.
10.3390/jcm13030665
- 24 Gobin, Eloïse; Izidoro, Catarina; Lyra, Patrícia; Morgado, Mariana; Alves, Ricardo Castro; Mendes, José João; Botelho, João; et al. "Self-Management Ability Questionnaire Validation in Portuguese Adults With Periodontitis". *International Dental Journal* 73 6 (2023): 889-895. <http://dx.doi.org/10.1016/j.identj.2023.06.003>.
10.1016/j.identj.2023.06.003
- 25 Joana Pombo Lopes; Inês Rodrigues; Vanessa Machado; Joao Botelho; Luisa Bandeira Lopes. "Chemotherapy and Radiotherapy Long-Term Adverse Effects on Oral Health of Childhood Cancer Survivors: A Systematic Review and Meta-Analysis". *Cancers* (2023): <https://www.mdpi.com/2072-6694/16/1/110>.
10.3390/cancers16010110
- 26 João Albernaz Neves; Luisa Bandeira Lopes; Vanessa Machado; Joao Botelho; Ana Sintra Delgado; JOSE JOAO BALTAZAR MENDES. "Evidence of Age Estimation Procedures in Forensic Dentistry: Results from an Umbrella Review". *Medicina* (2023): <https://www.mdpi.com/1648-9144/60/1/42>.
10.3390/medicina60010042
- 27 Rodrigues, Inês; Botelho, João; Machado, Vanessa; Proença, Luís; Mendes, José João; Zagalo, Carlos. "Profiling oral health status, values, and related quality of life in patients with oral cancer: a pilot study". *Frontiers in Oral Health* 4 (2023): <http://dx.doi.org/10.3389/froh.2023.1268657>.
10.3389/froh.2023.1268657

- 28 Vanessa Machado; Madalena Ferreira; Luísa Lopes; JOSE JOAO BALTAZAR MENDES; Joao Botelho. "Adverse Pregnancy Outcomes and Maternal Periodontal Disease: An Overview on Meta-Analytic and Methodological Quality". *Journal of Clinical Medicine* (2023): <https://www.mdpi.com/2077-0383/12/11/3635>.
10.3390/jcm12113635
- 29 Laura Alves; Vanessa Machado; Joao Botelho; JOSE JOAO BALTAZAR MENDES; Joaquim M.S. Cabral; Marta Carvalho. "Enhanced Proliferative and Osteogenic Potential of Periodontal Ligament Stromal Cells". *Biomedicines* (2023): <https://www.mdpi.com/2227-9059/11/5/1352>.
10.3390/biomedicines11051352
- 30 André Mariz Almeida; Joao Botelho; Vanessa Machado; JOSE JOAO BALTAZAR MENDES; Cristina Manso; Santiago González-López. "Comparison of the Efficacy of Two Protocol Treatments in Patients with Symptomatic Disc Displacement without Reduction: A Randomized Controlled Trial". *Journal of Clinical Medicine* (2023): <https://www.mdpi.com/2077-0383/12/9/3228>.
10.3390/jcm12093228
- 31 Patrícia Lyra; Vanessa Machado; Silvia Rota; Kallol Ray Chaudhuri; Joao Botelho; JOSE JOAO BALTAZAR MENDES. "Revisiting Alpha-Synuclein Pathways to Inflammation". *International Journal of Molecular Sciences* (2023): <https://www.mdpi.com/1422-0067/24/8/7137>.
10.3390/ijms24087137
- 32 Rodrigues, Pedro; Nicolau, Francisco; Norte, Martim; Zorzal, Ezequiel; Botelho, João; Machado, Vanessa; Proença, Luís; et al. "Preclinical dental students self-assessment of an improved operative dentistry virtual reality simulator with haptic feedback". *Scientific Reports* 13 1 (2023): 2823. <http://dx.doi.org/10.1038/s41598-023-29537-5>.
10.1038/s41598-023-29537-5
- 33 Mariana Anselmo Assunção; Joao Botelho; Vanessa Machado; L. Proença; António P. A. Matos; JOSE JOAO BALTAZAR MENDES; Lucinda J. Bessa; Nuno Taveira; Alexandre Miguel Santos. "Dental Implant Surface Decontamination and Surface Change of an Electrolytic Method versus Mechanical Approaches: A Pilot In Vitro Study". *Journal of Clinical Medicine* (2023): <https://www.mdpi.com/2077-0383/12/4/1703>.
10.3390/jcm12041703
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Journal issue

- 1 Mendes JJ; Proença, Luis; Botelho, João; Machado, Vanessa. "Special Issue: E-learning and Digital Training in Healthcare Education: Current Trends and New Challenges". *Healthcare* (2021): https://www.mdpi.com/journal/healthcare/special_issues/E-learning_Digital_Training_Healthcare_Education.
Accepted

Thesis /
Dissertation

- 1 André, Carolina Alexandra Martins. "Prevalência de doenças orais em atletas de alta competição : uma revisão sistemática". Master, 2025. <http://hdl.handle.net/10400.26/59065>.
- 2 Leitão, Ana Carolina Curvelo. "Oral inflammatory load in oral diseases : a systematic review and meta-analysis". Master, 2025. <http://hdl.handle.net/10400.26/59088>.
- 3 Lyra, Patrícia Soares. "The impact of periodontal infection and its treatment on alpha-synuclein levels and inflammation". PhD, 2025. <http://hdl.handle.net/10400.26/59196>.
- 4 Neves, João Albernaz Santos Coelho das. "Sex and age prediction through dental and radiographic measurements : elaboration and validation of forensic models for the portuguese population". PhD, 2024. <http://hdl.handle.net/10400.26/51911>.
- 5 Santos, Maria Miguel Teixeira. "Relação entre a postura craniocervical e a má oclusão esquelética em doentes ortodônticos". Master, 2024. <http://hdl.handle.net/10400.26/53097>.
- 6 Serralha, Carolina Alexandra Picanço. "Adequação da avaliação do risco de viés em revisões sistemáticas na saúde oral : observação de uma revisão". Master, 2024. <http://hdl.handle.net/10400.26/52284>.
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- 8 Viana, João Paulo da Conceição Mateus. "Comparative assessment of Cochrane's RoB and RoB2 in dentistry trials : a meta-research study". Master, 2024. <http://hdl.handle.net/10400.26/52636>.
- 9 João Tiago da Silva Botelho. "Periodontal disease and its risk factors in a Portuguese elderly population". PhD, 2021. <https://hdl.handle.net/10216/138804>.
- 10 Botelho, João Tiago da Silva. "O dente como método orgânico de cultura in situ de odontoblastos: avaliação histomorfológica". Master, 2015. <http://hdl.handle.net/10400.26/11774>.

Other

Other output

- 1 Economic Burden of Periodontal Disease in Europe and the United States of America – An updated forecast. 2021. Botelho, João. <https://www.medrxiv.org/content/10.1101/2021.01.19.21250090v1>.
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- 2 Diagnosis of SARS-Cov-2 infection using specimens other than naso- and oropharyngeal swabs: a systematic review and meta-analysis. 2021. Botelho, João. <https://www.medrxiv.org/content/10.1101/2021.01.19.21250094v1>.
10.1101/2021.01.19.21250094

Activities

Supervision

	Thesis Title Role	Degree Subject (Type) Institution / Organization
2021/09/01 - 2025/09/01	The impact of periodontal infection and its treatment on alpha-synuclein levels and inflammation Co-supervisor	Biomedical Sciences (PhD) Egas Moniz Cooperativa de Ensino Superior CRL, Portugal
2025 - 2025	ORAL INFLAMMATORY LOAD IN ORAL DISEASES: A SYSTEMATIC REVIEW AND META-ANALYSIS Supervisor	Medicina Dentária (Master) Instituto Universitário Egas Moniz, Portugal
2025 - 2025	Revisiting the level of evidence on peri-implant diseases: Etiology, diagnosis and treatment. Supervisor	Medicina Dentária (PhD) Instituto Universitário Egas Moniz, Portugal
2025 - 2025	NÍVEL DE CONHECIMENTO E DE PERCEÇÃO DA RELAÇÃO ENTRE A SAÚDE ORAL E DIABETES EM PESSOAS A VIVER COM DIABETES Supervisor	Medicina Dentária (Master) Instituto Universitário Egas Moniz, Portugal
2025 - 2025	COMPARATIVE ASSESSMENT OF THE ROBINS-E, NEWCASTLE-OTTAWA AND JBI IN MEDICINE TRIALS: A META-RESEARCH STUDY Supervisor	Medicina Dentária (Master) Instituto Universitário Egas Moniz, Portugal
2024 - 2024	ADESÃO ÀS DIRECTRIZES DE COMUNICAÇÃO DA PRÁTICA CLÍNICA EM SAÚDE ORAL: UM ESTUDO DE META-ANÁLISE Supervisor	Medicina Dentária (Master) Instituto Universitário Egas Moniz, Portugal
2024 - 2024	ADEQUAÇÃO DA AVALIAÇÃO DO RISCO DE VIÉS EM REVISÕES SISTEMÁTICAS NA SAÚDE ORAL: OBSERVAÇÃO DE UMA REVISÃO. Supervisor	Medicina Dentária (Master) Instituto Universitário Egas Moniz, Portugal

2024 - 2024	COMPARATIVE ASSESSMENT OF COCHRANE'S ROB AND ROB2 IN DENTISTRY TRIALS: A META-RESEARCH STUDY Supervisor	Medicina Dentária (Master) Instituto Universitário Egas Moniz, Portugal
2024 - 2024	Facial scanning and computerized tomography as aids in single-tooth rehabilitation planning. Supervisor	Medicina Dentária (PhD) Instituto Universitário Egas Moniz, Portugal
2023 - 2023	AVALIAÇÃO DA ENTROPIA DO MÚSCULO MASSETER NO TRATAMENTO DA DISFUNÇÃO TEMPOROMANDIBULAR Supervisor	Medicina Dentária (Master) Instituto Universitário Egas Moniz, Portugal
2023 - 2023	PREVISÃO DA PERDA DENTÁRIA DEVIDO À PERIODONTITE NA POPULAÇÃO PORTUGUESA COM RECURSO AO PERIODONTAL RISK SCORE Supervisor	Medicina Dentária (Master) Instituto Universitário Egas Moniz, Portugal
2023 - 2023	ÍNDICES DE IMUNO-INFLAMAÇÃO SISTÉMICA PARA PREVER O ESTADIO E GRAU DA PERIODONTITE ATRAVÉS DE MARCADORES CIRCULATÓRIOS Supervisor	Medicina Dentária (Master) Instituto Universitário Egas Moniz, Portugal
2023 - 2023	ASSOCIATION BETWEEN ORAL HEALTH VALUES AND PERIODONTAL HEALTH: AN OBSERVATIONAL STUDY Supervisor	Medicina Dentária (Master) Instituto Universitário Egas Moniz, Portugal
2023 - 2023	Machine Learning para o desenvolvimento e validação de modelos preditivos para a periodontite Co-supervisor	Métodos Analíticos para Gestão (Master) ISCTE-Instituto Universitário de Lisboa, Portugal
2021/09/01 - 2022/10/22	O efeito do A-PRF na prevenção da inflamação: estudo piloto clínico randomizado Co-supervisor	Dentistry (Master) Egas Moniz Cooperativa de Ensino Superior CRL, Portugal
2021/09/01 - 2022/10/01	Global prevalence of periodontitis in between 2011 and 2020: a systematic review and meta-analysis Co-supervisor	Dentistry (Master) Egas Moniz Cooperativa de Ensino Superior CRL, Portugal Centro de Investigação Interdisciplinar Egas Moniz, Portugal

2020/09/01 - 2021/11/01	Association between periodontitis and alpha-synuclein: a case-control study Co-supervisor	Dentistry (Master) Egas Moniz Cooperativa de Ensino Superior CRL, Portugal Centro de Investigação Interdisciplinar Egas Moniz, Portugal
2020/09/01 - 2021/10/01	Predictors of tooth Loss during long-term periodontal maintenance: an updated systematic review Co-supervisor	Dentistry (Master) Egas Moniz Cooperativa de Ensino Superior CRL, Portugal Centro de Investigação Interdisciplinar Egas Moniz, Portugal
2020/09/01 - 2021/10/01	Comparison of periodontal radiographic evaluation by bitewings and orthopantomography with clinical examination in pediatric patients: study of validity and reliability Co-supervisor	Dentistry (Master) Egas Moniz Cooperativa de Ensino Superior CRL, Portugal Centro de Investigação Interdisciplinar Egas Moniz, Portugal

Jury of academic degree

	Theme Role	Candidate name (Type of degree) Institution / Organization
2022/10/22	Associação entre a diabetes mellitus e o estado periodontal: resultados do Estudo da Saúde Periodontal em Almada-Seixal (Thesis) Arguer	Catarina João de Barros Atanázio (Master) Egas Moniz Cooperativa de Ensino Superior CRL, Portugal
2022/10/22	Associação entre a periodontite e a síndrome metabólica: resultados do Estudo da Saúde Periodontal em Almada-Seixal (Thesis) Arguer	Filipa Antunes Miranda Caiado Silva (Master) Egas Moniz Cooperativa de Ensino Superior CRL, Portugal
2022/10/22	Fatores de Risco na Reabilitação com Implantes President of the jury	Francisco Rei Gomes da Silva (Master) Egas Moniz Cooperativa de Ensino Superior CRL, Portugal
2022/10/22	Aparelhos Fixos Convencionais vs. Alinhadores Estéticos Removíveis – Uma revisão da literatura President of the jury	Priscilla Andrade Padilha Lopes (Master) Egas Moniz Cooperativa de Ensino Superior CRL, Portugal

Consulting

	Activity description	Institution / Organization
2022/09/01 - Current	PURE Elsevier System Implementation	
2020/09/01 - Current	Quality System Implementation	

Course / Discipline taught

	Academic session	Degree Subject (Type)	Institution / Organization
2022/03/01 - 2022/07	Scientific Research and Evidence-Based Dentistry	Scientific Research and Evidence-Based Dentistry (Mestrado integrado)	Egas Moniz Cooperativa de Ensino Superior CRL, Portugal
2022/09/01 - Current	Physiology I	Physiology I (Mestrado integrado)	Egas Moniz Cooperativa de Ensino Superior CRL, Portugal
2022/09/01 - Current	Physiology II	Physiology II (Mestrado integrado)	Egas Moniz Cooperativa de Ensino Superior CRL, Portugal

Other jury / evaluation

	Activity description	Institution / Organization
2022/12/09 - 2022/12/09	Avaliação de diferentes técnicas de cirurgia plástica periodontal para tratamento do sorriso gengival, Filipa Passos Sousa ANO PROBATÓRIO	Egas Moniz Cooperativa de Ensino Superior CRL, Portugal

Distinctions

Other distinction

2016	Melhor Poster de Caso Clinico
2016	Melhor Poster de Revisao da Narrativa