

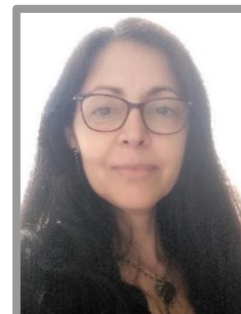
CURRICULUM VITAE

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[Google Scholar profile](#)

[ResearchGate profile](#)

[LinkedIn profile](#)

[BlueSky profile](#)

[Team PRC](#)

[Persons at MENDELU, ID 71708](#)

Academic Qualifications

2007 PhD (*Doutoramento*) on Biology/Molecular Biology – University of Algarve.

2000 Graduate Degree (*Licenciatura*) on Biotechnological Engineering (5 years programme, pre-Bologna Process) – University of Algarve.

Previous and Current Scientific and Professional Activities

- 2016- (December 2016 to present). Senior Researcher at the Phytophthora Research Centre, Faculty of Forestry and Wood Technology, Mendel University in Brno, Czech Republic. Academic position since July 2018.
- 2024- (April 2024 to present). External consultant of Project “OOMYCOAST - Characterising Oomycetes in Brown Algae along the Norwegian Coast” (funded by the Norwegian funding agency Artsdatabanken, Project no. 70184247).
- 2023- (May 2023 to present). Researcher at Phytophthora Research and Consultancy, (Rosenheim, Germany).
- 2023- (January 2023 to present). Researcher in project “PurPest - Plant pest prevention through technology-guided monitoring and site-specific control” (co-financed by the European Union's Framework Programme for Research and Innovation H2020/2021-2025, Grant Agreement n° 101060634) - Mendel University in Brno.
- 2022-2025 (November 2022 to April 2025). Researcher in BiodivERsA+ project: “RESTORESEAS - Marine forests of animals, plants and algae: nature-based tools to protect and restore biodiversity” (co-financed by the Technology Agency of Czech Republic) - Mendel University in Brno.
- 2022-2024 (March 2022 to February 2024). Consultant in project “PROMETEO - Un village transfrontalier: pour protéger les cultures arboricoles méditerranéennes en partageant les connaissances”. Associated partner. Funded by the Programme IEV CT Italie-Tunisie 2014-2020 and co-funded by the European Commission.
- 2016-2023 (December 2016 to April 2023). Senior Researcher in Project Phytophthora Research Centre (registration no. CZ.02.1.01/0.0/0.0/15_003/0000453; co-financed by the Czech Ministry for Education, Youth and Sports and the European Regional Development Fund) - Mendel University in Brno.
- 2016 (April to November) Researcher at Phytophthora Research and Consultancy, (Rosenheim, Germany).
- 2015-2019 (November 2015 to October 2019): Researcher in project “POnTE - Pest Organisms Threatening Europe” (funded by the European Union's Horizon 2020 Research and Innovation Programme, Grant Agreement No. 635646).
- 2014-2016 Collaborator of MeditBio - Centre for Mediterranean Bioresources and Food, Laboratory of Molecular Biotechnology and Phytopathology, University of Algarve.
- 2014-2016 Post-Doctoral Fellowship in BiodivERsA project “RESIPATH - Responses of European Forests and Society to Invasive Pathogens” (BIODIVERSA/0002/2012, co-financed by the Portuguese Foundation for Science and Technology) – University of Algarve.

- 2013-2014 Researcher of project "Screening of Asian oak species for potential resistance to *Phytophthora* spp." (EXPL/AGR-FOR/1304/2012, funded by the Portuguese Foundation for Science and Technology) - University of Algarve.
- 2013 Researcher at Phytophthora Research and Consultancy (Rosenheim, Germany).
- 2012-2013 Researcher of project "An integrated approach to identify stress-related regulatory genes in cork oak" (PTDC/AGR-GPL/118505/2010, funded by the Portuguese Foundation for Science and Technology) - University of Algarve.
- 2010-2012 Post-Doctoral Fellowship from the Foundation for Science and Technology with the work intituled "Triangular interaction *Phytophthora cinnamomi*/*Quercus suber*/*Pisolithus tinctorius*: studies on potential protective effects of the symbiont against root infection by the pathogen and expression of host defense genes" (Ref. SFRH/BPD/63213/2009, funded by the Portuguese Foundation for Science and Technology), under the scientific guidance of Professor Maria Salomé Pais (BIOFIG), Dr. Mónica Sebastiana (BIOFIG) and Professor Alfredo Cravador (IBB/CGB, UAlg) - University of Algarve.
- 2010 Researcher of project "Cork Oak ESTs Consortium - Biotic stress: roots response to infection by *Phytophthora cinnamomi*" (SOBREIRO/0014/2009, funded by the Portuguese Foundation for Science and Technology) - University of Algarve.
- 2009-2013 Researcher in project "Production of active compounds against *Phytophthora cinnamomi* by *Phlomis purpurea*. Metabolite and transcript profiling" (PTDC/AGR-CFL/100217/2008, funded by the Portuguese Foundation for Science and Technology) - University of Algarve.
- 2009-2012 Member of "Working Group 2 - Host pathogen interactions" and "Working Group 4 - Management and Control" of COST-FPS Action FP0801 "Established and Emerging *Phytophthora*: Increasing Threats to Woodland and Forest Ecosystems in Europe".
- 2008-2013 Member of the Research Team of Associated Laboratory IBB/CGB (Institute for Biotechnology and Bioengineering / Centre of Genomics and Biotechnology - *Plant and Animal Genomic Group*).
- 2007-2010 Researcher in project "Identification, characterization and role of molecular factors associated with the mechanisms of infection of *Fagaceae* species by *Phytophthora cinnamomi*" (PTDC/AGR-AAM/67628/2006, funded by the Portuguese Foundation for Science and Technology) - University of Algarve.
- 2006-2009 (July 2006 to December 2009) Researcher in project "Characterization of cork and holm oaks tolerant to the decline and evaluation of biological control measures" (Program of the Permanent Forestry Fund, Area 5 – Actions of Applied Research, Demonstration and Experimentation, Portugal) - University of Algarve.

- 2006-2009 Lecturer at Jean Piaget Institute / Superior School of Health of Silves. Responsible of the subjects "Pharmaceutical Botany" (academic years 2005/2006, 2006/2007 and 2008/2009) and "Pharmaceutical Biotechnology" (academic year 2006/2007) for the Master degree in Pharmacy. Responsible of the subject "Metabolism and Biochemistry of Nutrients" (academic years 2006/2007 and 2007/2008) for the Master degree in Clinical Analysis and Public Health.
- 2005 (May to September) Research Technician at the Laboratories of Cellular and Molecular Biology of the Transborder University Institute of Science, Culture and Environment (ITUCCA, *Instituto Transfronteiriço Universitário de Ciência, Cultura e Ambiente* - University of Algarve).
- 2005 Lecturer of the subject "Laboratory of Genetic Engineering" for the degree in Biotechnological Engineering at the Faculty of Engineering and Natural Resources, University of Algarve (academic year 2004/2005).
- 2005 (January and February) Researcher of LEADER project "Comparative study of 2 methods of application and 3 chemical products to control the decline disease of the cork oak" - University of Algarve.
- 2004 (July to December) Researcher of INTERREG III A (Montado/Dehesa SP4.E1) project "Development of an information system for environmental and economic management of the ecosystem *dehesa/montado* in Extremadura and Alentejo" - University of Algarve.
- 2000-2004 Doctoral Fellowship from the Portuguese Foundation for Science and Technology (SFRH/BD/1249/2000). PhD student at the Faculty of Engineering and Natural Resources (University of Algarve), with the thesis entitled "Study of the biological role of *Phytophthora cinnamomi* elicitors and their involvement in the infectious process", under the scientific guidance of Professor Alfredo Cravador.
- 1998-2000 Young Researcher Fellowship from the Portuguese Foundation for Science and Technology (PRAXISXXI/BICJ/17089/98). Work carried out on the detection of *Phytophthora cinnamomi* directly from soil by a specific molecular method and early studies on the biological function of *P. cinnamomi* elicitors - University of Algarve
- 1998-1999 Research entitled "Detection of *Phytophthora cinnamomi* directly from soil by a specific molecular method", under the scientific guidance of Professor Alfredo Cravador. (Work included on the project "Study of the involvement of *Phytophthora cinnamomi* in the decline of *Quercus suber*", (PRAXISXXI/3/3.2/2/FLOR/2112/95, funded by the Portuguese Foundation for Science and Technology). Scientific research included as part of the programme to obtain the Graduate Degree on Biotechnological Engineering.
- 1997-1998 Elaboration (in work group system) of an industrial project entitled "Production of Penicillin G potassium" (industrial plan included as part of the programme to obtain the Graduate Degree on Biotechnological Engineering).
- 1993-1998 Attendance and completion of the theoretical and practical subjects of the Graduate Degree on Biotechnological Engineering.

Specialized courses:

- 2011 Phytopathology: "Recognition of Disease Symptoms, Isolation and Identification of *Phytophthora* species", IBB-CGB/University of Algarve, 25 to 29 July.
- 2011 Bioinformatics: "Automatic Functional Annotation and Data Mining", Instituto Gulbenkian de Ciência, Oeiras, 24 and 25 February (22h).
- 2009 Bioinformatics: "Microarray data analysis using GEPAS and Babelomics", Instituto Gulbenkian de Ciência, Oeiras, 06 to 08 May (22h).
- 2009 "Pedagogic Training Course for Trainers", Valor por Medida (96 h). Professional Aptitude Certificate No. 506603/2009 EDF DG.

Current research interests:

Evolution, adaptation and invasiveness of the genus *Phytophthora*.

Detection and description of new *Phytophthora* spp. and other oomycetes in Europe and other continents, on terrestrial and aquatic environments; assessment of their potential host ranges.

Genomic basis of susceptibility and resistance of Fagaceae tree species and the potential role of soil microbiome on the outcome of plant host-*Phytophthora* interactions.

Early detection of *Phytophthora* infected plants by analysis of volatile organic compounds emission.

Scientific research in foreign countries:

- 2024: Norway** (project OOMYCOAST: survey of oomycetes in marine seagrass meadows and tidal brown algae stands).
- 2023: Portugal** (project RESTORESEAS: survey of oomycetes in marine and estuarine ecosystems).
- 2019: Portugal** (project *Phytophthora* Research Centre: survey of *Phytophthora* and *Halophytophthora* diversity in estuarine ecosystems).
- Indonesia (Kalimantan, Sumatra, Java, Sulawesi)** (project *Phytophthora* Research Centre: survey of *Phytophthora* species in natural forests and riparian ecosystems).
- 2018: Indonesia (Sumatra)** (project *Phytophthora* Research Centre: survey of *Phytophthora* species in natural forests and riparian ecosystems).
- Japan** (project *Phytophthora* Research Centre: survey of *Phytophthora* species in natural forests and riparian ecosystems).
- 2017: Japan** (project *Phytophthora* Research Centre: survey of *Phytophthora* species in natural forests and riparian ecosystems).
- 2016: Vietnam** (project POnTE: survey of *Phytophthora* species in natural forests and riparian ecosystems).
- 2015: Italy** (diversity and impact of *Phytophthora* species in forest and riparian ecosystems in Sicily).

- 2014: Chile** (survey of *Phytophthora* species in natural forests and riparian ecosystems in Valdivia).
- 2013: Taiwan** (project QuerResist: search for *Phytophthora*-resistant Fagaceae species and survey of *Phytophthora* species in natural forest and riparian ecosystems).
- Italy** (diversity and impact of *Phytophthora* species in forest and riparian ecosystems in Sicily).
- 2002: Belgium** (internship about real-time mRNA quantification experiments (Université Libre de Bruxelles, Laboratoire de Génétique Appliquée, Institut de Biologie Moléculaire et Médicale, Gossielies) under the guidance of Prof. Alex Bollen, Dr. Edmond Godfroid and Dr. Benoit Hennuy).
- 2001: France** (internship about production of protoplasts and genetic transformation of *Phytophthora* spp. (UMR 5546 UPS-CNRS, Pôle de Biotechnologie Végétale, Castanet-Tolosan, Toulouse) under the guidance of Prof. Arnaud Bottin).

Symposia and Congress Sessions Convened or Chaired

Member of the Organizing Committee of the “21st Annual Meeting of the Oomycete Molecular Genetics Network”, Brno (Czech Republic), August 22-25th 2022.

Member of the Organizing Committee of the “2nd Working Groups Meeting (WG3. Diagnostics and WG4. Management and Control) of the COST-FPS Action FP0801 (Established and Emerging *Phytophthora*: Increasing Threats to Woodland and Forest Ecosystems in Europe)”, Faro (Portugal), September 10-12th 2009.

Language skills:

	Reading	Writing	Conversation
Portuguese	<i>Excellent</i>	<i>Excellent</i>	<i>Excellent</i>
English	<i>Excellent</i>	<i>Good</i>	<i>Good</i>
French	<i>Good</i>	<i>Good</i>	<i>Good</i>
Castilian	<i>Excellent</i>	<i>Elementary</i>	<i>Good</i>

Other skills:

Informatics’ knowledge in Microsoft Office; QGIS (basic user); Bioinformatics tools (basic user).

Other non-scientific activities

1992-1998 Part time job on the company “AS Epaminondas, Central Hortofrutícola e Produtos de 4^a Gama”. Work in the secretariat/accounting and warehouse management (purchases and sales) departments.

Publications

Publications, citations, *h* Index, *g* Index and *i10* Index updated on 09/03/2026.

- 2 dissertations.
 - 1 book chapter (indexed to Scopus, Web of Science and Google Scholar).
 - 47 scientific articles published in peer reviewed journals: 44 articles indexed to Web of Science - Core Collection (WoS-CC), 46 in Web of Science - All Indexed Documents (WoS-AID); 47 articles indexed to Scopus and Google Scholar.
- 1893 citations in WoS-CC; *h* Index = 23; 1111 citing articles.
 - 1621 citations in WoS-CC (excluding self-citations).
 - 2103 citations in WoS-AID; *h* Index = 24; *i10* Index = 34; average citations per item 45.7.
- ❖ 2065 citations in Scopus; *h* Index = 24; *i10* Index = 35; 1220 citing articles: average citations per item 43.0.
 - ❖ 1781 citations in Scopus (excluding self-citations).
- 2736 citations in Google Scholar; *h* Index = 26; *i10* Index = 36; average citations per item 57.0.

Dissertations

Horta, M. (2006). Estudo do papel biológico das elicinas de *Phytophthora cinnamomi* e do seu envolvimento no processo infeccioso (Study of the biological role of *Phytophthora cinnamomi* elicins and their involvement in the infectious process). *PhD Thesis*, University of Algarve, 265 pp.

Horta, M. (2000). Detecção de *Phytophthora cinnamomi* directamente a partir do solo por um método molecular específico (Detection of *Phytophthora cinnamomi* directly from the soil by a specific molecular method). *Internship report of the degree in Biotechnology Engineering*, University of Algarve, 66 pp.

Chapters in Books

Pérez-Sierra, A., Horta Jung, M., Jung, T. (2022). **Survey and monitoring of *Phytophthora* species in natural ecosystems: Methods for sampling, isolation, purification, storage, and pathogenicity tests.** In: Luchi, N. (eds) *Plant Pathology. Methods in Molecular Biology*, 2536: 23-49. Humana, New York, NY.

[DOI: 10.1007/978-1-0716-2517-0_2](https://doi.org/10.1007/978-1-0716-2517-0_2)

Citations: WoS-AID = 5. Scopus = 24. Google Scholar = 27.

Papers in international scientific periodicals with referees

1. Botella, L., Hejna, O., Kudláček, T., Kovačiková, K., Rost, M., Forgia, M., Raco, M., Milenković, I., Corcobado, T., Maia, C., Scanu, B., Drenth, A., Guest, D.I., Liew, E.C.Y., Chi, N.M., Thu, P.Q., Chang, T.-T., Fu, C.-H., Kageyama, K., Hieno, A., Masuja, H., Uematsu, S., Durán, A., Tarigan, M., Junaid, M., Nasri, N., Sanfuentes, E., Čurn, V., Webber, J.F., Brasier, C.M., Horta Jung, M., Jung, T. (2025). **The virome of the panglobal, wide host-range plant pathogen *Phytophthora cinnamomi*: Phylogeography and evolutionary insights.** *Virus Evolution* 11(1): veaf020.
[DOI: 10.1093/ve/veaf020](https://doi.org/10.1093/ve/veaf020)
Citations: WoS-CC = 2. WoS-AID = 2. Scopus = 1. Google Scholar = 2.
2. Brasier, C.M., Grünwald, N.J., Bourret, T.B., Govers, F., Scanu, B., Cooke, D.E.L., Bose, T., Hawksworth, D.L., Abad, Z.G., Albarracin, M.W., Alsultan, W., Altamirano-Junqueira, A.E., Arifin, A.R., Arnet, M.J., Aumentado, H.D.R., Bakonyi, J., Belisle, W.H., Benigno, A., Bienapfl, J.C., Bilodeau, G.J., Blair, J.E., Botella, L., Brandano, A., Cacciola, S.O., Carbone, I., Castroagudin, V.L., Chaendaekattu, N., Consford, J.D., Corcobado, T., Covey, P.A., Daniels, H.A., Deidda, A., Dorrance, A.E., Dort, E.N., Drenth, A., Drizou, F., Evangelisti, E., Fajardo, S.N., Fang, Y., FERENCE, C.M., Frankel, S.J., Goss, E.M., Guest, D.I., Hardy, G.E.St.J., Harris, A.R.H., Hawku, M.D., Heungens, K., Hong, C., Horner, I.J., Horta Jung, M., Iyanda, O.J., Jamieson, B.-A., Jeffers, S.N., Judelson, H.S., Junaid, M., Kalogeropoulou, E., Kamoun, S., Kang, S., Kasuga, T., Kudláček, T., LeBoldus, J., Lee, C.A., Li, D.W., Llanos, A.K., Lopez-Nicora, H.D., Machado, H., Magnano di San Lio, G. Maia, C., Mandal, K., Manosalva, P., Martin, F.N., Matson, M.E.H., McDougall, R.L., McDowell, J.M., Michelmores, R.W., Milenković, I., Moricca, S., Mostowfizadeh-Ghalamfarsa, R., Nagy, Z.Á., Nikolaeva, E.V., Ortega-López, P., Paap, T., Parada-Rojas, C.H., Peduto Hand, F., Pérez-Sierra, A., Pettersson, M., Prasad, P., Puig, A.S., Raco, M., Rajput, N.A., Ristaino, J.B., Rooney-Latham, S., Seidl, M.F., Shamoun, S.F., Solla, A., Spies, C.F.J., Sudermann, M.A., Swiecki, T.J., Tian, M., Tripathy, S., Uematsu, S., Van Poucke, K., Vichou, A.E., Walter, M., Webber, J.F., Williams, N.M., Wingfield, M.J., Yadav, D., Yang, X., Jung, T. (2025). **Preserving the biologically coherent generic concept of *Phytophthora*, ‘Plant Destroyer’.** *Phytopathology* 115: 573-586.
[DOI: 10.1094/PHYTO-11-24-0372-LE](https://doi.org/10.1094/PHYTO-11-24-0372-LE)
Citations: WoS-CC = 4. WoS-AID = 4. Scopus = 3. Google Scholar = 7.
3. Cauldron, N.C., Press, C.M., Weisberg, A.J., Horta Jung, M., Corcobado, T., Webber, J.F., Kageyama, K., Hieno, A., Masuya, H., Uematsu, S., Scanu, B., Brasier, C.M., Jung, T., Chang, J.H., Grünwald, N.J. (2025). **Intraspecific variation and recent loss of ancient, conserved effector genes in the sudden oak death pathogen *Phytophthora ramorum*.** *Molecular Plant-Microbe Interactions* 38: 440-453.
[DOI: 10.1094/MPMI-10-24-0131-R](https://doi.org/10.1094/MPMI-10-24-0131-R)
Citations: WoS-CC = 1. WoS-AID = 1. Scopus = 1. Google Scholar = 2.
4. Horta Jung, M., Maia, C., Mora-Sala, B., Abad-Campos, P., Schena, L., Mosca, S., Carella, G., Moricca, S., Nechwatal, J., Dionísio, L., Cravador, A., Jung, T. (2025). **High diversity of *Phytophthora* species in natural ecosystems and nurseries of Portugal: detrimental side effect of plant introductions from the age of discovery to modern globalization.** *Plant Pathology* 74: 330-362.
[DOI: 10.1111/ppa.14022](https://doi.org/10.1111/ppa.14022)
Citations: WoS-CC = 12. WoS-AID = 14. Scopus = 12. Google Scholar = 12.

5. Pérez-Sierra, A., Chitty, R., Rodger, I., Chambers, J., Horta Jung, M., Cacciola, S.O., Jung, T. (2024). **First report of *Phytophthora platani* causing bark canker and dieback on London plane in England (UK)**. *New Disease Reports* 50: e12303.
[DOI: 10.1002/ndr2.12303](https://doi.org/10.1002/ndr2.12303)
Citations: WoS-AID = 0. Scopus = 0. Google Scholar = 0.
6. Milenković, I., Trifković, M., Karadžić, D., Jovanović, D., Radulović, Z., Horta Jung, M., & Jung, T. (2024). **First report of *Cryphonectria carpinicola* on *Carpinus betulus* in Serbia**. *Forest Pathology*, 54: e12882.
[DOI: 10.1111/efp.12882](https://doi.org/10.1111/efp.12882)
Citations: WoS-CC = 1. WoS-AID = 2. Scopus = 1. Google Scholar = 1.
7. Bačová, A., Cooke, D.E.L., Milenković, I. Májek, T., Nagy, Z., Corcobado, T., Randall, E., Keillor, B., Cock, P., Horta Jung, M., Jung, T., Tomšovský, M. (2024). **Hidden *Phytophthora* diversity unveiled in tree nurseries of the Czech Republic with traditional and metabarcoding techniques**. *European Journal of Plant Pathology* 170: 131–156.
[DOI: 10.1007/s10658-024-02886-1](https://doi.org/10.1007/s10658-024-02886-1)
Citations: WoS-CC = 10. WoS-AID = 10. Scopus = 10. Google Scholar = 14.
8. Mullett, M.S., Harris, A.R., Scanu, B., Van Poucke, K., LeBoldus, J., Stamm, E, Bourrett, T.B., Christova, P.K., Oliva, J., Redondo, M.A., Talgø, V., Corcobado, T., Milenković, I, Horta Jung, M., Webber, J., Heungens, K., Jung, T. (2024). **Phylogeography, origin and population structure of the self-fertile emerging plant pathogen *Phytophthora pseudosyringae***. *Molecular Plant Pathology* 25: e13450.
[DOI: 10.1111/mpp.13450](https://doi.org/10.1111/mpp.13450)
Citations: WoS-CC = 5. WoS-AID = 6. Scopus = 6. Google Scholar = 6.
9. Jung, T., Milenković, I., Balci, Y., Janoušek, J., Kudláček, T., Nagy, Z.Á., Baharuddin, B., J. Bakonyi, J., Broders, K.D., Cacciola, S.O., Chang, T.-T., Chi, N.M., Corcobado, T., Cravador, A., Đorđević, B., Durán, A., Ferreira, M., Fu, C.-H., Garcia, L., Hieno, A., Ho, H.-H., Hong, C., Junaid, M., Kageyama, K., Kuswinanti, T., Maia, C., Májek, T., Masuya, H., Magnano di San Lio, G., Mendieta-Araica, B., Nasri, N., Oliveira, L., Pane, A., Pérez-Sierra, A., Rosmana, A., Sanfuentes von Stowasser, E., Scanu, B., Singh, R., Stanivuković, Z., Tarigan, M., Thu, P.Q., Tomić, Z., Tomšovský, M., Uematsu, S., Webber, J.F., Zeng, H.-C., Zheng, F.-C., Brasier, C.M., Horta Jung, M. (2024). **Worldwide forest surveys reveal forty-three new species in *Phytophthora* major Clade 2 with fundamental implications for the evolution and biogeography of the genus and global plant biosecurity**. *Studies in Mycology* 107: 251–388.
[DOI: 10.3114/sim.2024.107.04](https://doi.org/10.3114/sim.2024.107.04)
Citations: WoS-CC = 33. WoS-AID = 36. Scopus = 35. Google Scholar = 41.
10. Corcobado, T., Cech, T.L., Daxer, A., Ďatková, H., Janoušek, J., Patra, S., Jahn, D., Hüttler, C., Milenković, I., Tomšovský, M., Horta Jung, M., Jung, T. (2023). ***Phytophthora*, *Nothophytophthora* and *Halophytophthora* diversity in rivers, streams and riparian alder ecosystems of Central Europe**. *Mycological Progress* 22: 50.
[DOI: 10.1007/s11557-023-01898-1](https://doi.org/10.1007/s11557-023-01898-1)
Citations: WoS-CC = 23. WoS-AID = 23. Scopus = 21. Google Scholar = 29.

11. Mullett, M., Van Poucke, K., Haegeman, A., Focquet, F., Cauldron, N., Knaus, B., Horta Jung, M., Kageyama, K., Hieno, A., Masuja, H., Uematsu, S., Webber, J., Brasier, C., Bakonyi, J., Heungens, K., Grünwald, N., Jung, T. (2023). **Phylogeography and population structure of the global, wide host-range hybrid pathogen *Phytophthora × cambivora***. *IMA Fungus* 14: 4.
[DOI: 10.1186/s43008-023-00109-6](https://doi.org/10.1186/s43008-023-00109-6)
Citations: WoS-CC = 10. WoS-AID = 10. Scopus = 9. Google Scholar = 11.
12. Raco, M., Jung, T., Horta Jung, M., Chi, N.M, Botella, L., Suzuki, N. (2023). **Sequence and phylogenetic analysis of a novel alphaendornavirus, the first virus described from the oomycete plant pathogen *Phytophthora heveae***. *Archives of Virology* 168: 158.
[DOI: 10.1007/s00705-023-05786-7](https://doi.org/10.1007/s00705-023-05786-7)
Citations: WoS-CC = 3. WoS-AID = 5. Scopus = 4. Google Scholar = 7.
13. Jung, T., Balci, Y.; Broders, K.D., Milenković, I., Janoušek, J., Kudláček, T., Đorđević, B., Horta Jung, M. (2023). ***Synchospora* gen. nov., a new Peronosporaceae genus with aerial lifestyle from a natural cloud forest in Panama**. *Journal of Fungi* 9: 517.
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- Coelho, A.C., Decrem, Y., Horta, M., Neves, D., Heinderyckx, M., Godfroid, E., Bollen, A. and Cravador, A. (2002). Isolation and characterization of a cationic peroxidase cDNA isolated from roots of *Quercus suber*. Poster communication in the "XIII Congresso Nacional de Bioquímica", Lisbon, 5 to 7 December. *Book of Abstracts*, 58.
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- Coelho, A.C., Heinderyckx, M., Neves, D., Horta, M., Decrem, Y., Godfroid, E., Bollen, A. and Cravador, A. (2002). Cloning and sequencing of a PDI-like protein cDNA from *Quercus suber* possibly involved in response to infection by *Phytophthora cinnamomi*. Poster communication in the "1st Plant Genomics European Meeting", Berlin (Germany), 29 September to 02 October. *Book of Abstracts*, 112.

Seminars and Lectures

- Coelho, A.C. & Horta, M. "The decline disease in cork oak". Seminar included on the subject "Microbial Biology II" of the Master in Molecular and Microbial Biology, University of Algarve (Faculty of Marine and Environmental Sciences), 16th January 2008.
- Horta, M. "Biomolecular studies in *Phytophthora cinnamomi*, one of the most aggressive plant pathogens". Seminar included on the subject "Introduction to Biologic Engineering" of the

Master in Biologic Engineering of the University of Algarve (Faculty of Engineering and Natural Resources), 29th November 2007.

Participation in Conferences and other Scientific Meetings

- International Virtual Meeting of the American Phytopathological Society (APS): "The Genus *Phytophthora* - Don't Change a Winning Concept?", Online, 22 to 25 April 2024.
- Joint ICPP2023 Satellite Meetings: 22nd Meeting of the Oomycete Molecular and Genomics Network and 7th International Oomycete Workshop", Lyon (France), 19 to 20 August 2023.
- 21st Annual Meeting of the Oomycete Molecular Genetics Network (OMGN2022), Brno (Czech Republic), 22 to 25 August 2022.
- 3rd Joint Annual Meeting of HORIZON 2020 Projects POnTE (Pest Organisms Threatening Europe) and XF-ACTORS (*Xylella Fastidiosa* Active Containment Through a multidisciplinary-Oriented Research Strategy), Ajaccio (France), 28 to 30 October 2019.
- 9th IUFRO Working Party S07.02.09 on *Phytophthoras* in Forests and Natural Ecosystems", La Maddalena, Sardinia (Italy), 17 to 26 October 2019.
- 20th Meeting of the Oomycete Molecular Genetics Network", Oban, Scotland (United Kingdom), 10 to 12 July 2019.
- 29th Fungal Genetics Conference", Pacific Grove, California (USA), 14 to 19 March 2017.
- 18th Meeting of the Oomycete Molecular Genetics Network", Pacific Grove, California (USA), 11 to 14 March 2017.
- Seventh IUFRO Working Party S07.02.09 on *Phytophthoras* in Forests and Natural Ecosystems", Esquel, Chubut (Argentina), 10 to 14 November 2014.
- Sixth IUFRO Working Party S07.02.09 on *Phytophthoras* in Forests and Natural Ecosystems, Córdoba and Valencia (Spain), 09 to 14 September 2012.
- Sixth COST-Action FP0801 Meeting on Established and Emerging *Phytophthora*: Increasing Threats to Woodland and Forest Ecosystems in Europe", Budapest (Hungary), 21-22 November 2011.
- Workshop "Present and Future of Cork Oak in Portugal", Oeiras (Portugal), 21st October 2011.
- II Reunión Científica de Sanidad Forestal - Sociedad Española de Ciencias Forestales", Plasencia (Spain), 21-22 September 2011.
- Fifth COST-Action FP0801 Meeting on Established and Emerging *Phytophthora*: Increasing Threats to Woodland and Forest Ecosystems in Europe", Viterbo (Italy), 28 to 30 June 2010.
- Fifth IUFRO Working Party S07.02.09 on *Phytophthoras* in Forests and Natural Ecosystems, Rotorua (New Zealand), 07 to 12 March 2010.
- 3rd Working Groups Meeting (WG1. Invasive Potential and Ecology and WG2. Host-Pathogen Interactions) of the COST-FPS Action FP0801 (Established and Emerging *Phytophthora*: Increasing Threats to Woodland and Forest Ecosystems in Europe), Brussels, 5 and 6 November 2009.

- 8th Plant GEM - Plant Genomics European Meeting, Lisbon, 07 to 10 October 2009.
- 2nd Working Groups Meeting (WG3. Diagnostics and WG4. Management and Control) of the COST-FPS Action FP0801 (Established and Emerging *Phytophthora*: Increasing Threats to Woodland and Forest Ecosystems in Europe), Faro, 10 to 12 September 2009 (member of the Organizing Committee).
- 1st Scientific Meeting of the Institute for Biotechnology and Bioengineering, Faro, 15 and 16 May 2009.
- 1^o Encontro da Plataforma de Genómica Funcional de Plantas, Faro, 12 and 13 July 2007.
- I Congresso "Sustentabilidades e Ruralidades – O Montado de Azinho", Évora, 19 to 21 January 2007.
- Seminar "A vitalidade dos povoamentos de sobreiro e azinheira". Évora, 25 and 26 October 2006.
- Third IUFRO Working Party 07.02.09 on *Phytophthora* in Forest and Natural Ecosystems, Freising and Innsbruck, 11 to 17 September 2004.
- 4^o Congresso da Sociedade Portuguesa de Fitopatologia. Faro, 4 to 6 February 2004.
- XI International Congress on Molecular Plant-Microbe Interactions, Saint Petersburg, 18 to 26 July 2003.
- XIII Congresso Nacional de Bioquímica, Lisbon, 5 to 7 December 2002.
- I Jornadas de Engenharia Biotecnológica. Faro, 1 to 3 March 2000.
- Conference "Controlo Biológico das Doenças de Solo" by Prof. Harry A.J. Hoitink (Ohio State University). Faro, 9 and 10 February 2000.
- "First IUFRO Working Party 07.02.09 on *Phytophthoras* in Forest and Wildland Ecosystems", Grant Pass (Oregon, EUA), 30 August to 03 September 1999.
- "Biotec 94 – II Congresso Ibérico de Biotecnologia". Vilamoura (Portugal), 1 to 4 October 1994.

Brno, 09th March 2026