



Instituto de Ciências Agrárias e Ambientais Mediterrânicas

Knowledge connecting land, food and people

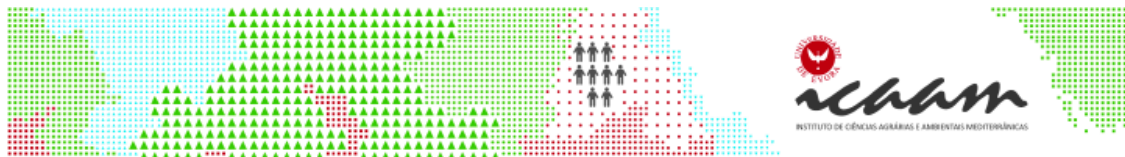
REPORT ACTIVITIES ICAAM

2016

Scientific publications, MSc, PhD, International meetings/Seminars and
Projects showing part of what was the ICAAM in 2016

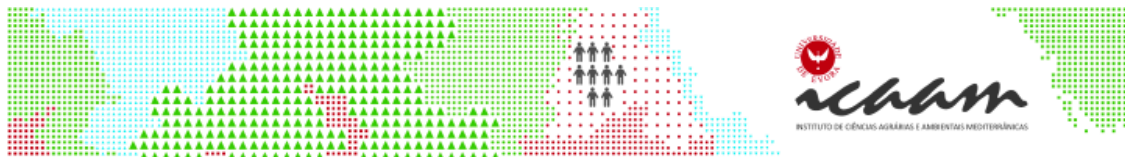


Fundação para a Ciência e a Tecnologia
MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR



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PUBLICAÇÕES 2016

.1.Livros e Capítulos de Livros Referenciados – Ano 2016

N.º | 18 Livros

Botelho G, **Canas S**, Lameiras J. 2016. *Development of phenolic compounds encapsulation techniques as a major challenge for food industry and for health and nutrition fields..* Nanotechnology in Agri-food Industry, Vol 5, Nutrient Delivery 14:535-586.

Knickel, K, S. VM, V. G, V. S. 2016. *Managing growth in higher value food chains.* Enhancing efficiency and inclusiveness of agri-food chains in Eastern Europe and Central Asia, Rome: Food and Agriculture Organization of the United Nations (FAO)95-110.

Esther M, Alexandra D, Marta M, LC, Jose DF, Lina R, Marta R, Encarna V, Eustoquio M, Raúl R, Pedro FM. 2016. *Rhizobium Symbiotic Enzyme Cellulase CelC2: Properties and Applications..* New and Future Developments in Microbial Biotechnology and Bioengineering81-89. DOI:10.1016/B978-0-444-63507-5.00008-3

Stanghellini C, **Baptista F**, Eriksson E, Gilli C, Giuffrida F, Kempkes F, Muñoz P, Stepowska A, Montero J. 2016. *Sensible use of primary energy in organic greenhouse production..* BioGreenhouse Cost Action FA 1105, 54 pp.. DOI:10.18174/373582

LE, PC, Rodrigues L, CESF, Lopes O, Tavares S, Gaspar R. 2016. *Determinants of Tannin-Rich Food and Beverage Consumption: Oral Perception vs. Psychosocial Aspects..* Tannins: Biochemistry, Food Sources and Nutritional Properties. Nova Science Publishers Inc, New York.

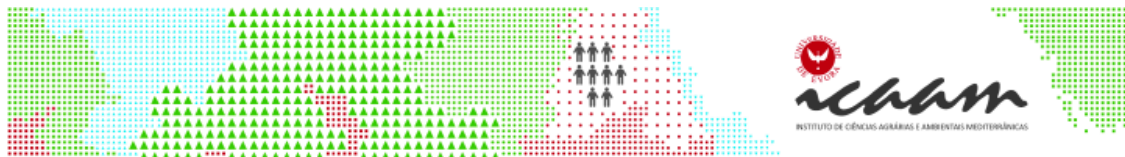
JE, PC, Lamy E, Dentinho M, Sales-Baptista E, **LOS, Capela ESF**. 2016. *Tannins in Ruminant Nutrition: Impact on Animal Performance and Quality of Edible Products..* Tannins: Biochemistry, Food Sources and Nutritional Properties. Nova Science Publishers Inc, New York,.

Geraldo AM, Lamy E, Pinheiro CC, Lopes O, Capela ESF, PA. 2016. *Biomarkers of Thermal Adaptation: New Tools in Sustainable Livestock Production under Climate Change..* In: Advances in Animal Science and Zoology..

Valanszki, I, **Muñoz-Rojas MJ**. 2016. *Landscape-based approaches to unravelling trade-offs and synergies in land-use policy and planning in Scotland.* Greenway Planning. 5th Fabos Conference on Greenways and Greenway Planning. Budapest, Hungary (C & B).

Muñoz-Rojas MJ, Brown, I, González-Puente, M, Cortines-García, F, Proell, J. 2016. *Using landscape services to address trade-offs and synergies in land-use policy and planning; two case studies in Scotland..* Landscape and Landscape Ecology. Proceedings of the 17th International Symposium on Landscape and Landscape Ecology254-264.

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Jerónimo, E, Malcata F. 2016. *Cheese: Composition and Health Effects*. Encyclopedia of Food and Health 741-747. DOI:10.1016/b978-0-12-384947-2.00137-9

Romão R, Marques CC, Bettencourt E, Pereira RMLN. 2016. *Cryopreservation of Sheep Produced Embryos – Current and Future Perspectives*. Insights from Animal Reproduction. DOI:10.5772/62121

Cabrita, MJ, GR, Catarino, S. 2016. *Recent Developments in Wine Tartaric Stabilization*. .

Alexandre, A, Oliveira, S. 2016. *Heat shock response in bacteria with large genomes: lessons from rhizobia* In “Stress and Environmental Control of Gene Expression in Bacteria”- Chapter 13.1.. 739-746.

Pinto A, De VA, Lopes M, Martins TD. 2016. *Biological approaches for remediation of metal-contaminated sites*. In Ansari AA, Gill SS, Gill R, Lanza GR, Newman L, editors. *Phytoremediation. Management of Environmental Contaminants. Volume 3*. Switzerland: Springer International Publishing; Phytoremediation. Management of Environmental Contaminants 3:65-112.

Arnholdt-Schmitt B, Ragonezi C, Cardoso H. 2016. *Do Mitochondria Play a Central Role in Stress-Induced Somatic Embryogenesis?*. In *Vitro Embryogenesis in Higher Plants* 87-100. DOI:10.1007/978-1-4939-3061-6_4

F. C, L.c. D, F. G, P. M. 2016. *Hydrothermal/Liquid Hot Water Pretreatment (Autohydrolysis): A Multipurpose Process for Biomass Upgrading*. S.I. Mussatto (Ed.), *Biomass Fractionation Technologies for a Lignocellulosic Feedstock Based Biorefinery* 315–347.

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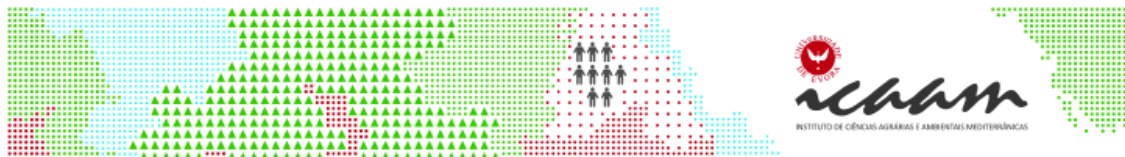
J. M. 2016. *The value and potential of a ‘landscape-systems’ approach to agroforestry: insights from an Iberian context*. *Pathways for land-use: the sustainable avenue of agroforestry*, 1-11.

.2. ARTIGOS EM REVISTAS COM ARBITRAGEM CIENTÍFICAS E INDEXADAS

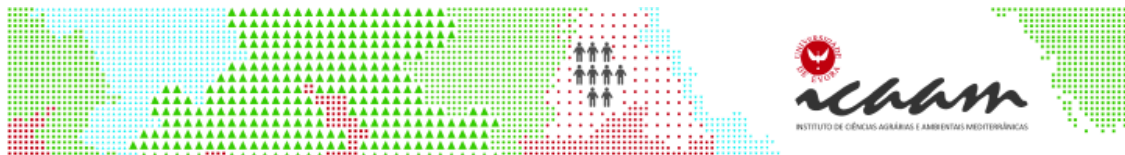
N.º | 138 PUBLICAÇÕES

2.1. GRUPO: Animal Biosciences

- **Alexandre N**, Amorim I, Caseiro AR, Pereira T, Alvites R, Rêma A, Gonçalves A, Valadares G, Costa E, Santos-Silva A, Rodrigues M, Lopes MA, Almeida A, Santos JD, Maurício AC, Luís AL. 2016. *Long term performance evaluation of small-diameter vascular grafts based on polyvinyl alcohol hydrogel and dextran and MSCs-based therapies using the ovine pre-clinical animal model*. *International Journal of Pharmaceutics* 513:332-346. DOI:10.1016/j.ijpharm.2016.09.045
- Anselmo D, **Capela ESF**, Fernandes T. 2016. *Characterization of hypertrophic osteoarthropathy in an identified skeleton from Évora, Portugal, using combined and*



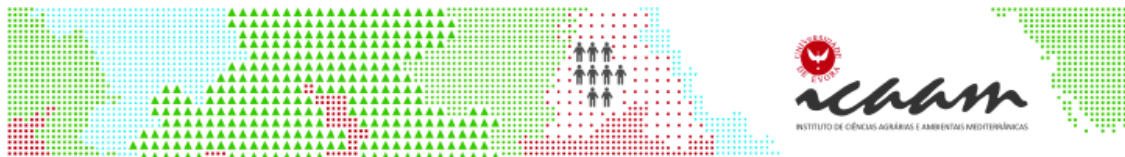
- comparative morphology and microscopy*. International Journal of Paleopathology 12:11-16. DOI:10.1016/j.ijpp.2015.11.001
- **Arantes S, Lopes, O, Candeias F, Lima M, Pereira M, Tinoco T, Cruz-Morais J, Martins M.** 2016. *Pharmacological and Toxicological Studies of Essential Oil of Lavandula stoechas subsp. luisieri*. Planta Medica 82:1266-1273. DOI:10.1055/s-0042-104418
 - Barcelos, C, **Machado, R, Al, Ferreira, R**, Bryla, D. 2016. *Effects of substrate type on plant growth and nitrogen and nitrate concentration in spinach*. International Journal of Plant Biology 7:44-47.
 - **C. LC, J. R, S. B, M. M, Duarte E.** 2016. *Tracking the Origin of a Rabbit Haemorrhagic Virus 2 Outbreak in a Wild Rabbit Breeding Centre in Portugal; Epidemiological and Genetic Investigation*. J Emerg Infect Dis 1:114. DOI:10.4172/2472-4998.1000114
 - Calviello RF, Titto EAL, Infante P, Leme-dos-Santos TMDC, Chiquitelli NM, **Pereira AMF**, Titto CG. 2016. *Proposal and Validation of a Scale of Composite Measure Reactivity Score to Characterize the Reactivity in Horses During Handling*. Journal of Equine Veterinary Science 47:62-70. DOI:10.1016/j.jevs.2016.08.009
 - Camacho IC, **Caeiro E, Ferro R**, Camacho R, Câmara R, Grinn-Gofroñ A, Smith M, Strzelczak A, Nunes C, Morais-Almeida M. 2016. *Spatial and temporal variations in the Annual Pollen Index recorded by sites belonging to the Portuguese Aerobiology Network*. Aerobiologia. DOI:10.1007/s10453-016-9468-9
 - Carreiro EP, **Costa AR**, Cordeiro MM, Martins R, Pires TO, Saraiva M, **Antunes CM**, Burke AJ. 2016. *Novel hydroxyamides and amides containing d-glucopyranose or d-fructose units: Biological assays in MCF-7 and MDST8 cell lines*. Bioorganic & Medicinal Chemistry Letters 26(3):1039-1043. DOI:10.1016/j.bmcl.2015.12.036
 - Carvalho C, **Duarte E**, Monteiro J, Afonso C, Pacheco J, Carvalho P, Mendonça P, Botelho A, Albuquerque T, Themudo P, Fevereiro M, Henriques A, Barros S, Duarte M. 2016. *Progression of rabbit haemorrhagic disease virus 2 upon vaccination in an industrial rabbitry: a laboratorial approach*. World rabbit Science journal (WRS).
 - **Ferraz-de-Oliveira MI, Azeda C, Pinto-Correia T.** 2016. *Management of Montados and Dehesas for High Nature Value: an interdisciplinary pathway*. Agroforestry Systems 90:1-6. DOI:10.1007/s10457-016-9900-8
 - **Ferreira AM**, Marques AT, Fontanesi L, Thulin C, **Sales-Baptista E**, Araújo SS, Almeida AM. 2016. *Identification of a Bitter-Taste Receptor Gene Repertoire in Different Lagomorphs Species*. Front. Genet. 7. DOI:10.3389/fgene.2016.00055
 - Ferrolho J, Antunes S, Santos AS, Velez R, **Padre L**, Cabezas-Cruz A, Santos-Silva MM, Domingos A. 2016. *Detection and phylogenetic characterization of Theileria spp. and Anaplasma marginale in Rhipicephalus bursa in Portugal*. Ticks and Tick-borne Diseases 7:443-448. DOI:10.1016/j.ttbdis.2016.01.004
 - Gaspar H, **Ferreira R**, Gonzalez JM, **Da CMI, Santana MM.** 2016. *Influence of Temperature and Copper on Oxalobacteraceae in Soil Enrichments*. Current Microbiology 72:370-376. DOI:10.1007/s00284-015-0960-1
 - Hernández-Castellano LE, **Ferreira AM**, Nanni P, Grossmann J, Argüello A, Capote J, Cai G, Lippolis J, Castro N, De AAM. 2016. *The goat (Capra hircus) mammary gland secretory tissue proteome as influenced by weight loss: A study using label free proteomics*. Journal of Proteomics 145:60-69. DOI:10.1016/j.jprot.2016.03.030
 - **Lavrador C**, Mascarenhas R, Coelho P, Brites C, **Pereira A**, Gogolewski S. 2016. *Elastomeric enriched biodegradable polyurethane sponges for critical bone defects: a successful case study reducing donor site morbidity*. Journal of Materials Science: Materials in Medicine 27. DOI:10.1007/s10856-016-5667-8



- Lopes DCI, Toledo A, **Carvalho C**, Barandika J, Respicio-Kingry L, Garcia-Amil C, García-Pérez A, Olmeda A, Zé-Zé L, Petersen J, Anda P, Núncio M, Escudero R. 2016. *Francisella species in ticks and animals, Iberian Peninsula*. Ticks and Tick-borne Diseases 7:159-165. DOI:10.1016/j.ttbdis.2015.10.009
- **Lumbreras A, Marques JT, Belo AF**, Cristo M, Fernandes M, Galioto D, Machado M, Mira A, **Sá-Sousa P**, Silva R, Sousa LG, **Pinto-Cruz C**. 2016. *Assessing the conservation status of Mediterranean temporary ponds using biodiversity: a new tool for practitioners*. Hydrobiologia 782:187-199. DOI:10.1007/s10750-016-2697-7
- **Martins LL, Bento OP**, Inácio FF. 2016. *Veterinary allergy diagnosis: past, present and future perspectives*. Allergo Journal International 25:238-250. DOI:10.1007/s40629-016-0135-z
- **Oliveira MT, Potes J, Queiroga MC, Castro JL, Pereira AF**, Rehman S, Dalgarno K, Ramos A, Vitale-Brovarone C, Reis JC. 2016. *Percutaneous vertebroplasty: a new animal model*. The Spine Journal 16:1253-1262. DOI:10.1016/j.spinee.2016.06.011
- Paixão AC, Ferreira AC, Fontes M, Themudo P, Albuquerque T, Soares MC, Fevereiro M, **Martins L**, Corrêa DSMI. 2016. *Detection of virulence-associated genes in pathogenic and commensal avian Escherichia coli isolates*. Poult. Sci. 95:1646-1652. DOI:10.3382/ps/pew087
- Pereira F, Duarte-Pereira S, Silva RM, **Da CLT**, Pereira-Castro I. 2016. *Evolution of the NET (NocA, Nlz, Elbow, TLP-1) protein family in metazoans: insights from expression data and phylogenetic analysis*. Scientific Reports 6. DOI:10.1038/srep38383
- **Sales-Baptista E, D'abreu MC, Ferraz-de-Oliveira MI**. 2016. *Overgrazing in the Montado? The need for monitoring grazing pressure at paddock scale*. Agroforestry Systems 90(1):57-68. DOI:10.1007/s10457-014-9785-3
- Santos R, **Machado R, Alves-Pereira I, Ferreira R**. 2016. *The influence of nitrogen fertilization on growth, yield, nitrate and oxalic acid concentration in purslane (Portulaca oleracea)*. Acta Horticulturae 299-304. DOI:10.17660/actahortic.2016.1142.45
- Serrão I, Braz BS, Figueiredo MD, Coimbra M, Brancal H, Fernandes MC, Lopes AP, Pimenta P, Martins, Pereira A, Silva P, Neves N, Nunes T, Campino L, **Cortes H**, Dias M, Nogueira J, Mendão C, Cardoso L, Maia C. 2016. *Preliminary report on the prevalence of Angiostrongylus vasorum infection in dogs from Portugal adopting a commercially available test kit for serological analysis*. Veterinary Parasitology: Regional Studies and Reports 3-4:57-59. DOI:10.1016/j.vprsr.2016.06.002
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- **Vilhena M**, Fonseca AG, **Dias S, Marques DSJ**, Torgal J. 2016. *Human cysticercosis in Portugal: long gone or still contemporary?*. Epidemiology and Infection 145:329-333. DOI:10.1017/s0950268816002284

2.2. GRUPO: Farming Technology and Energy Efficiency

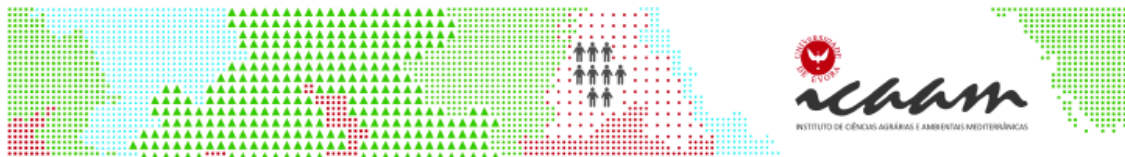
- Almeida GLPD, Pandorfi H, **Baptista F**, Guiselini C, Barnabé JMC. 2016. *Thermal efficiency of individual shelters for girolando calves in brazilian semi-arid regions*. Engenharia Agrícola 36:13-23. DOI:10.1590/1809-4430-eng.agric.v36n1p13-23/2016
- Cicore P, **Shahidian S, Sousa A**, Costa JL, **Da SJRM, Serrano, J**. 2016. *Assessment of the spatial variability in tall wheatgrass forage using LANDSAT 8 satellite imagery to delineate potential management zones*. Environmental Monitoring and Assessment 188. DOI:10.1007/s10661-016-5512-z



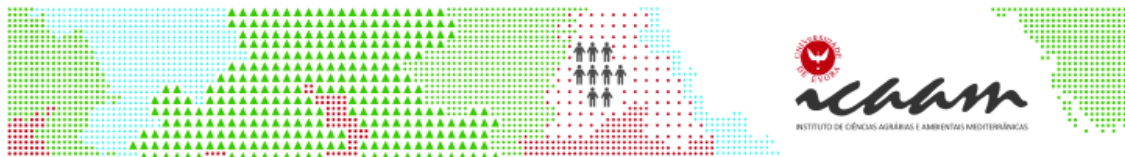
- **Gonçalves AC**, Afonso A, Pereira DG, **Pinheiro A**, **Peça JO**, **Dias, AB**. 2016. *Mechanical versus manual harvest of Pinus pinea cones*. Biosystems Engineering 143:50-60. DOI:10.1016/j.biosystemseng.2016.01.004
- **J. S, Shahidian S, Marques DSJ**. 2016. *Calibration of GrassMaster II to estimate green and dry matter yield in Mediterranean pastures: effect of pasture moisture content*. Crop and Pasture Science. DOI:10.1071/cp15319
- **Serrano JM, Shahidian S, Marques DSJR**. 2016. *Monitoring pasture variability: optical OptRx® crop sensor versus Grassmaster II capacitance probe*. Environmental Monitoring and Assessment 188. DOI:10.1007/s10661-016-5126-5
- **Shahidian S**, Valverde P, **Coelho R**, **Santos A**, **Vaz M**, **Rato A**, **Serrano J**, Rodrigues S. 2016. *Leaf water potential and sap flow as indicators of water stress in Crimson 'seedless' grapevines under different irrigation strategies*. Theoretical and Experimental Plant Physiology 28:221-239. DOI:10.1007/s40626-016-0064-8
- **Toureiro C, Serralheiro R, Shahidian S, Sousa A**. 2016. *Irrigation management with remote sensing: Evaluating irrigation requirement for maize under Mediterranean climate condition*. Agricultural Water Management 184:211-220. DOI:10.1016/j.agwat.2016.02.010
- **Vaz M, Coelho R, Rato A**, Samara-Lima R, **Silva LL**, Campostrini E, **Mota JB**. 2016. *Adaptive strategies of two Mediterranean grapevines varieties (Aragonez syn. Tempranillo and Trincadeira) face drought: physiological and structural responses*. Theoretical and Experimental Plant Physiology 28:205-220. DOI:10.1007/s40626-016-0074-6
- **Vilhena M**, Fonseca AG, **Dias S, Marques DSJ**, Torgal J. 2016. *Human cysticercosis in Portugal: long gone or still contemporary?*. Epidemiology and Infection 145:329-333. DOI:10.1017/S0950268816002284

2.3. GRUPO: Food Science and Technology

- **Alves SP**, Fernandes MJ, Fernandes MH, Bessa RJ, **Laranjo M**, **A.-Santos AC**, **Elias M**, Fraqueza MJ. 2016. *Quality and Acceptability of Dry Fermented Sausages Prepared with Low Value Pork Raw Material*. Journal of Food Processing and Preservation. DOI:10.1111/jfpp.12823
- **Anjos O**, Santos AJ, Estevinho LM, **Caldeira I**. 2016. *FTIR-ATR spectroscopy applied to quality control of grape-derived spirits*. Food Chemistry 205:28-35. DOI:10.1016/j.foodchem.2016.02.128
- **Assunção M, Canas S**, Cruz S, Brazão J, Zanol GC, Eiras-Dias J. 2016. *Graft compatibility of Vitis spp.: the role of phenolic acids and flavanols*. Scientia Horticulturae 207:140-145. DOI:10.1016/j.scienta.2016.05.020
- **Barroso JM**, Pombeiro L, **Rato AE**. 2016. *Impacts of crop level, soil and irrigation management in grape berries of cv 'Trincadeira' (Vitis vinifera L.)*. Journal of Wine Research 28:1-12. DOI:10.1080/09571264.2016.1238350
- **Caldeira I**, Santos R, Ricardo-da-Silva JM, Anjos O, Mira H, Belchior AP, **Canas S**. 2016. *Kinetics of odorant compounds in wine brandies aged in different systems*. Food Chemistry 211:937-946. DOI:10.1016/j.foodchem.2016.05.129
- **Canas S, Caldeira I**, Anjos O, Lino J, Soares A, Pedro BA. 2016. *Physicochemical and sensory evaluation of wine brandies aged using oak and chestnut wood simultaneously in wooden barrels and in stainless steel tanks with staves*. International Journal of Food Science & Technology 51:2537-2545. DOI:10.1111/ijfs.13235
- **Garcia R**, Carreiro EP, Nunes J, Da SMG, **Freitas AMC**, Burke AJ, **Cabrita MJ**. 2016. *Dual-layer solid-phase extraction based on molecular imprinting technology: Seeking a route to enhance*

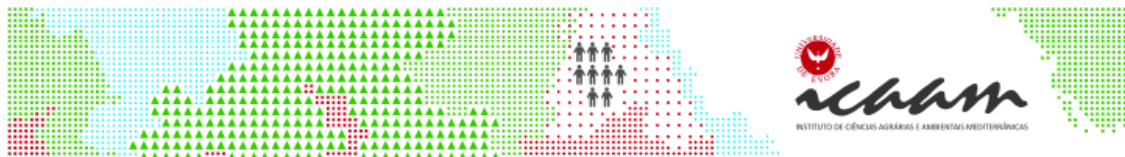


- selectivity for trace analysis of pesticide residues in olive oil. ELECTROPHORESIS 37:1916-1922. DOI:10.1002/elps.201600073*
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 - **Laranjo M**, Gomes A, **Agulheiro-Santos AC**, **Potes ME**, Cabrita MJ, **Garcia R**, **Rocha JM**, Roseiro LC, Fernandes MJ, Fernandes MH, Fraqueza MJ, **Elias M**. 2016. *Characterisation of “Catalão” and “Salsichão” Portuguese traditional sausages with salt reduction*. Meat Science 116:34-42. DOI:10.1016/j.meatsci.2016.01.015
 - **Laranjo M**, Gomes A, **Potes ME**, Fernandes MJ, Fraqueza MJ, **Elias M**. 2016. *Development of a long-life vacuum-packaged ready-to-eat meat product based on a traditional Portuguese seasoned meat*. International Journal of Food Science & Technology 51:1150-1158. DOI:10.1111/ijfs.13067
 - **Porfírio S**, Calado ML, **Noceda C**, **Cabrita MJ**, Da SMG, Azadi P, **Peixe A**. 2016. *Tracking biochemical changes during adventitious root formation in olive (Olea europaea L.)*. Scientia Horticulturae 204:41-53. DOI:10.1016/j.scienta.2016.03.029
 - **Porfírio S**, Gomes DSMD, **Cabrita MJ**, Azadi P, **Peixe A**. 2016. *Reviewing current knowledge on olive (Olea europaea L.) adventitious root formation*. Scientia Horticulturae 198:207-226. DOI:10.1016/j.scienta.2015.11.034
 - **Porfírio S**, Gomes DSMD, **Peixe A**, **Cabrita MJ**, Azadi P. 2016. *Current analytical methods for plant auxin quantification – A review*. Analytica Chimica Acta 902:8-21. DOI:10.1016/j.aca.2015.10.035
 - **Porfírio S**, Sonon R, Gomes DSMDR, **Peixe A**, **Cabrita MJ**, Azadi P. 2016. *Quantification of free auxins in semi-hardwood plant cuttings and microshoots by dispersive liquid–liquid microextraction/microwave derivatization and GC/MS analysis*. Anal. Methods 8:6089-6098. DOI:10.1039/c6ay01289b
 - Sánchez-Gómez R, Garde-Cerdán T, Zalacain A, **Garcia R**, **Cabrita M**, Salinas M. 2016. *Vine-shoot waste aqueous extract applied as foliar fertilizer to grapevines: Effect on amino acids and fermentative volatile content*. Food Chemistry 197, Part A:132-140. DOI:10.1016/j.foodchem.2015.10.034
 - Santos ES, **Salazar M**, Mendes S, Lopes M, Pacheco J, Marques D. 2016. *Rehabilitation of abandoned areas from a Mediterranean nature reserve by Salicornia crop: Influence of the salinity and shading*. Arid Land Research and Management 31:29-45. DOI:10.1080/15324982.2016.1230796
 - **Shahidian S**, Valverde P, **Coelho R**, **Santos A**, **Vaz M**, **Rato A**, **Serrano J**, Rodrigues S. 2016. *Leaf water potential and sap flow as indicators of water stress in Crimson ‘seedless’ grapevines under different irrigation strategies*. Theoretical and Experimental Plant Physiology 28:221-239. DOI:10.1007/s40626-016-0064-8
 - **Vaz M**, **Coelho R**, **Rato A**, Samara-Lima R, **Silva LL**, Campostrini E, **Mota JB**. 2016. *Adaptive strategies of two Mediterranean grapevines varieties (Aragonez syn. Tempranillo and Trincadeira) face drought: physiological and structural responses*. Theoretical and Experimental Plant Physiology 28:205-220. DOI:10.1007/s40626-016-0074-6



2.4. GRUPO: Genetic Resources and Functional Genomics

- **Arnholdt-Schmitt B**, Hansen LD, **Nogales A**. 2016. *Calorespirometry, oxygen isotope analysis and functional-marker-assisted selection ('CalOxy-FMAS') for genotype screening: A novel concept and tool kit for predicting stable plant growth performance and functional marker identification*. Briefings in Functional Genomics 15 (1):10-15. DOI:10.1093/bfpg/elv008
- **Barros JC**, **Calado JG**, **Basch G**, **Carvalho MJ**. 2016. *Effect of different doses of post-emergence-applied iodosulfuron on weed control and grain yield of malt barley (Hordeum distichum L.), under Mediterranean conditions*. Journal of Plant Protection Research 56. DOI:10.1515/jppr-2016-0003
- **Barroso JM**, Pombeiro L, **Rato AE**. 2016. *Impacts of crop level, soil and irrigation management in grape berries of cv 'Trincadeira' (Vitis vinifera L.)*. Journal of Wine Research 28:1-12. DOI:10.1080/09571264.2016.1238350
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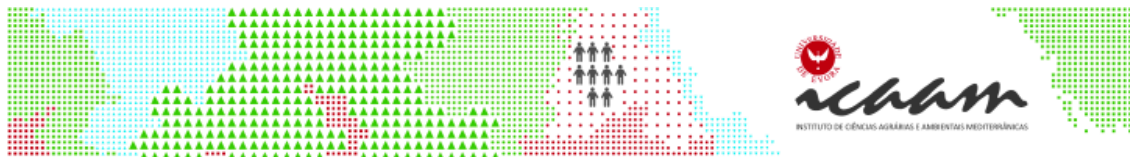


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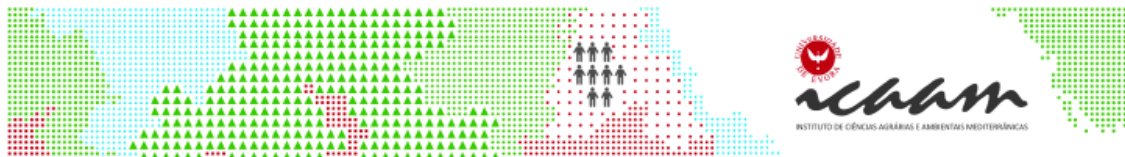
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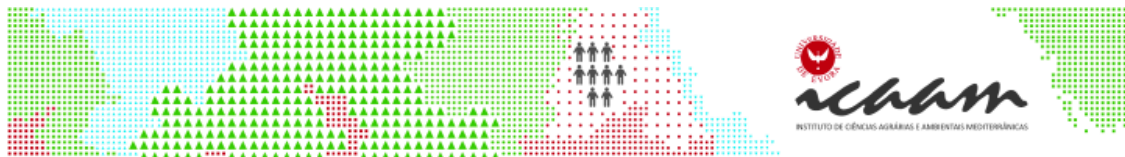
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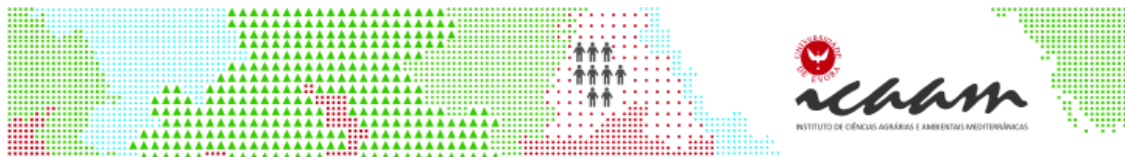


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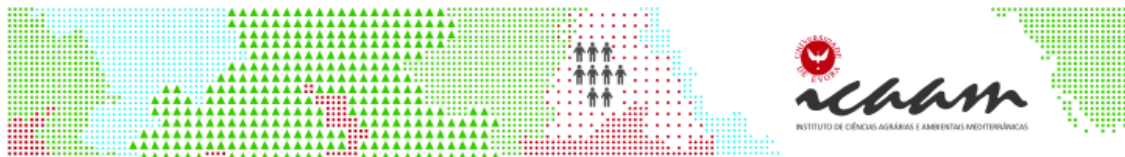


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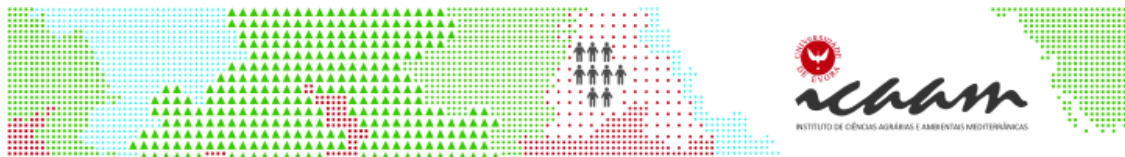
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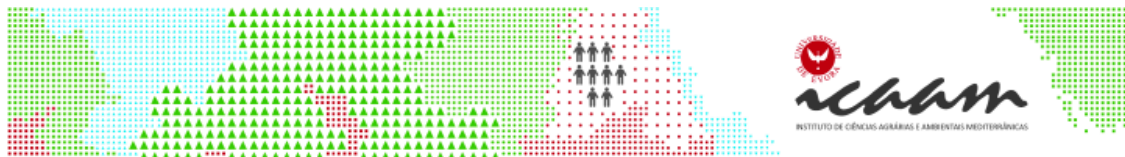
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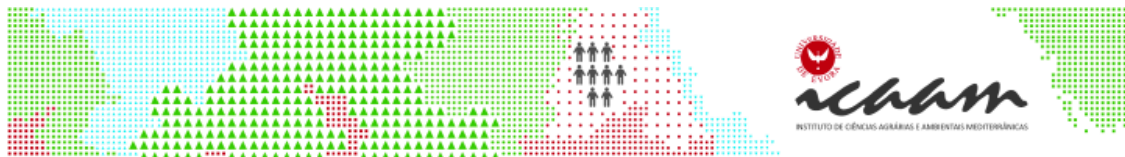
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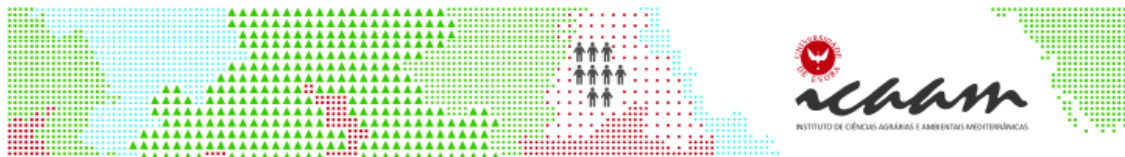
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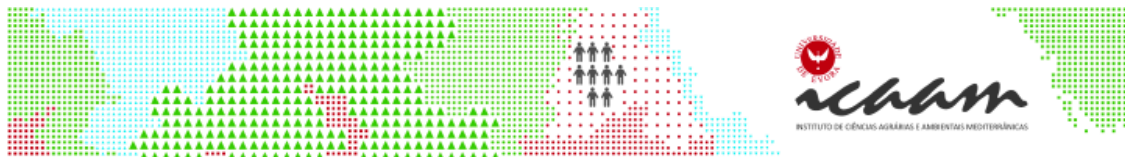
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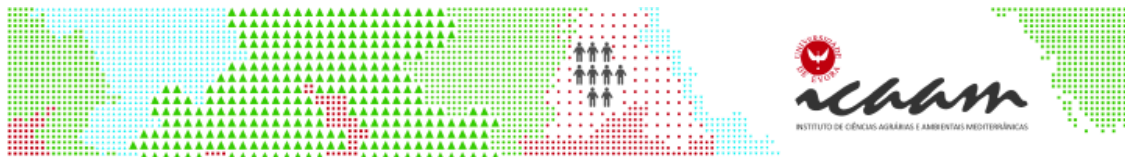
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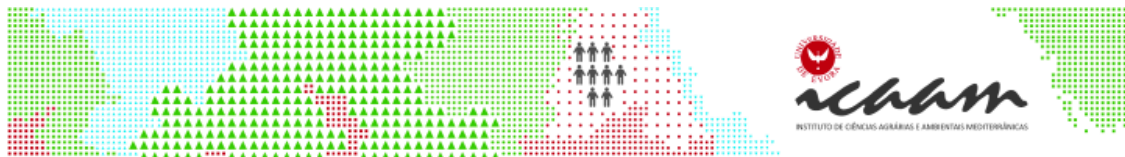
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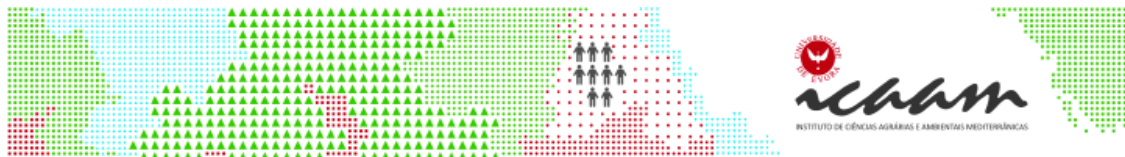
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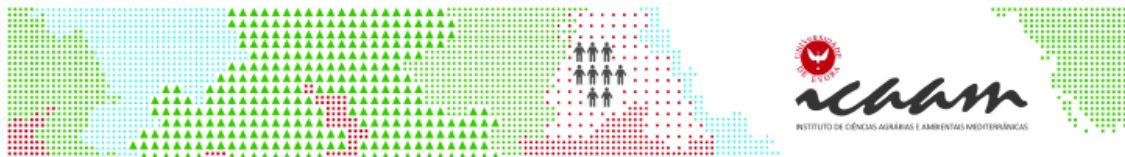
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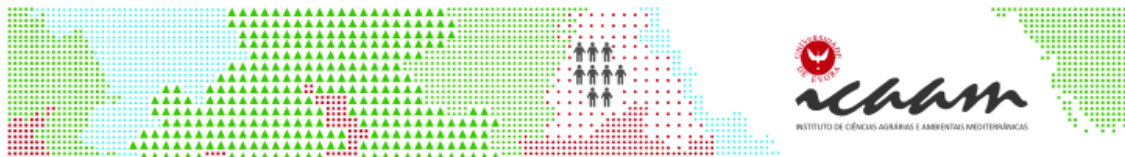
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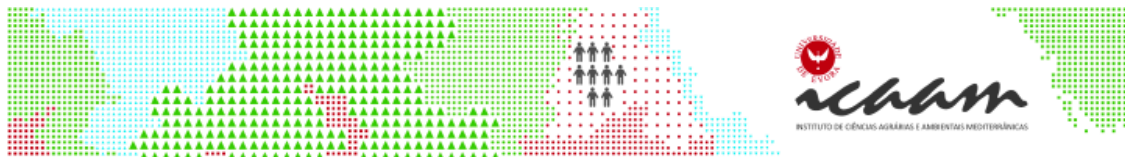
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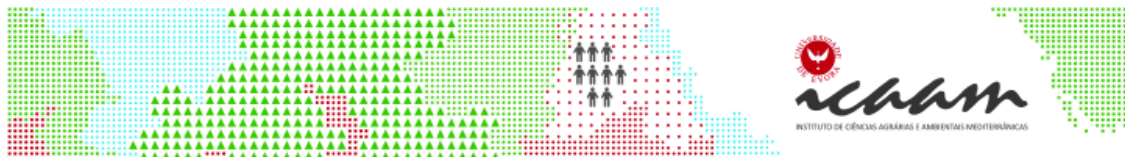
N.º | 5 relatórios

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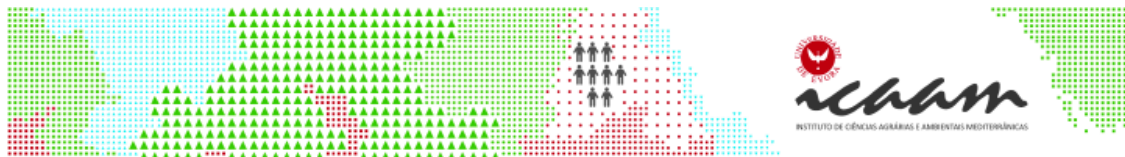
Relatório para FCT do primeiro triénio da bolsa do pós doc. Detailed Report on 1st triennium of a Post-doctoral project SFRH/BPD/77649/2011 entitled: Well-being of reshaped rural communities and transition of agriculture: a South European perspective. Diana Surova.

MESTRADOS ORIENTADOS POR MEMBROS DO ICAAM – 2016

N.º | 22 mestrados

Escola	Num Aluno	Nome	Curso	Título	Orientador	Data provas
ECT	11265	Ana Sofia Ramos Serralheiro	Biologia da Conservação	Ecologia da germinação de sementes de espécies de charcos temporários mediterrânicos-implicações para a conservação	Anabela Dias Ferreira Belo	23/03/2016
ECT	32792	Emanuel Filipe Severino Ferreira	Biologia da Conservação	O banco de sementes do solo - uma ferramenta para avaliação do estado de conservação dos charcos temporários mediterrânicos.	Anabela Dias Ferreira Belo	25/05/2016
ECT	32818	Jessica Ramos Melo	Biologia da Conservação	Comércio de répteis exóticos: as suas implicações para a conservação da natureza	Paulo Alexandre Cunha e Sá de Sousa	25/05/2016
ECT	32816	Luísa João Pereira Crisóstomo	Biologia da Conservação	Análise biogeográfica da dieta de um predador de topo ao longo da região Paleártica	Rui do Nascimento Fazenda Lourenço	18/07/2016
ECT	32815	Sara Luísa Miradouro Moreira	Biologia da Conservação	Tendências das aves nocturnas em Portugal - metodologias e análise de um programa monitorização baseado em colaboradores voluntários	Rui do Nascimento Fazenda Lourenço	18/07/2016
ECT	10739	Fernando Celso Eufigénio Eliziário	Bioquímica	Análise e sobre-expressão de Genes de simbiose de rizóbios de Grão-de-Bico	Isabel Solange Martins de Oliveira	18/02/2016
ECT	33860	Rute Isabel Martins Arriegas	Bioquímica	Imunoreatividade a alergénios de pólenes de plátano e de azinheira numa população de Évora com doença alérgica respiratória sazonal	Célia Maria Miguel Antunes	22/11/2016
ECT	34419	Maria Inês Silva Caçador Pereira Rouxinol	Bioquímica	Determinação das Principais Antocianinas em Castas Tintas no Alentejo	Ana Elisa de Mendonça Rato Barroso	25/11/2016
ECT	10466	Carlos Miguel Ferreira Pereira	Engenharia Agronómica	Estudo da variabilidade espacial da aptidão das terras para o grão-de-bico (<i>Cicer arietinum</i> L.) numa zona do Alentejo, como ferramenta de apoio à decisão	Elsa Paula Figueira Ferreira Morgado de Sampaio	07/03/2016
ECT	10467	Sara Isabel Ricardo Rodrigues	Engenharia Agronómica	Conservação de Uva de Mesa "Crimson" com recurso e Revestimento Edíveis	Ana Cristina Pinto Agulheiro Santos	01/04/2016
ECT	11661	Rui Jorge Lôro Valadares de Queirós	Engenharia Agronómica	Estudo de alternativas à monda de frutos em ameixeira japonesa (<i>Prunus Salicina</i> L.) na qualidade e pós-colheita dos frutos	João Manuel Mota Barroso	14/04/2016
ECT	10956	João Henrique Condeço Graça	Engenharia Agronómica	Optimização da Adubação mineral em TRigo regado e sua interação com o nível de estrumação	Ricardo Joaquim Murteira de Carvalho Freixial	16/05/2016

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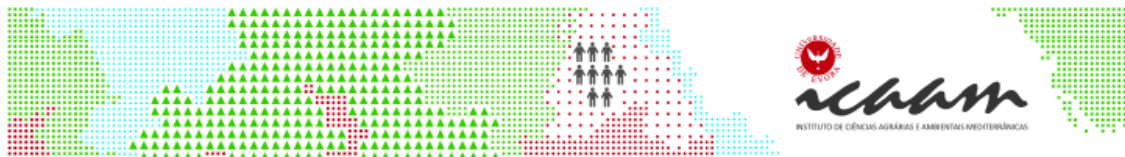
Escola	Num Aluno	Nome	Curso	Título	Orientador	Data provas
ECT	33905	Adelaide Graça Chacussungama Maiato	Engenharia Agronómica	O papel da agricultura de conservação na luta contra a erosão do solo em particular em Angola	Mário José Gouveia Pinto Rodrigues Carvalho	11/11/2016
ECT	10799	David Alexandre André e Silva	Engenharia Zootécnica	Efeito da atividade física nas características físico-químicas e no perfil lipídico da gordura subcutânea e de um músculo de suínos Alentejanos"	José Alberto Feijão Macedo Neves	25/02/2016
ECT	9069	Vânia de Jesus Gravito Resende	Engenharia Zootécnica	O efeito do intervalo entre partos na viabilidade económica das explorações de bovinos de Leite	Cristina Maria dos Santos Conceição Pinheiro	07/04/2016
ECT	9073	Joaquim Augusto Simões Velinho	Engenharia Zootécnica	Mastite: Importância do maenio, ambiente e animal. Plano de prevenção, controlo e impacto na quantidade e qualidade do leite.	Cristina Maria dos Santos Conceição Pinheiro	07/04/2016
ECT	11809	Flávio Daniel Gomes da Silva	Engenharia Zootécnica	Variações anátomo-fisiológicas face à aclimação sazonal: estudo em vacas leiteiras com diferente potencial leiteiro	Cristina Maria dos Santos Conceição Pinheiro	26/04/2016
ECT	8927	Sara Maria Mendes de Magos Jorge	Engenharia Zootécnica	Efeito do sistema de produção nas características físico-químicas e no perfil lipídico de três músculos de suínos Alentejanos	José Alberto Feijão Macedo Neves	15/12/2016
ECT	33876	Augusto Viriato Almeida Palminha Ribeiro	Olivicultura e Azeite	Simplificação do processo de multiplicação in vitro da oliveira (Olea europaea L.)	Augusto António Vieira Peixe	20/12/2016
ECT	11780	Joana Lopes Morgado Véstia	Viticultura e Enologia	Quantificação do ião cálcio nas uvas e vinhos brancos por espectroscopia de infravermelho	Ana Elisa de Mendonça Rato Barroso	23/06/2016
ECT	11302	Francisca de Fátima Laranjeiro Sezões	Viticultura e Enologia	Pesquisa de fungos endofíticos presentes em videira (Vitis vinifera L.) com capacidade para inibir o crescimento do agente causal da podridão negra (Guignardia bidwellii)	Maria do Rosário Fernandes Félix	08/07/2016

DOUTORAMENTOS ORIENTADOS/REALIZADOS POR MEMBROS DO ICAAM – 2016

N.º | 15 Doutoramentos

Nome do Curso	NAluno	Aluno	Média	Data de Conclusão
Biologia	7054	David Miguel de Azevedo Jacinto	aprovado_distincao_louvor	09/12/2016
Ciências do Ambiente	9716	Filipe Miguel Santos Banha	aprovado_distincao_louvor	25/02/2016
Ciências Agrárias	7814	Anabela Dias Ramalho Vale Leitão Grifo	aprovado_distincao_louvor	25/02/2016
Ciências Agrárias	9086	Nuno Miguel Costa Martins	aprovado_distincao_louvor	04/03/2016
Ciências Agrárias	6447	Isilda Augusta Luís Pereira da Cunha Menezes	aprovado	07/03/2016
Ciências Agrárias	8954	Sara Alexandra Pedras Porfírio	aprovado_distincao_louvor	18/05/2016

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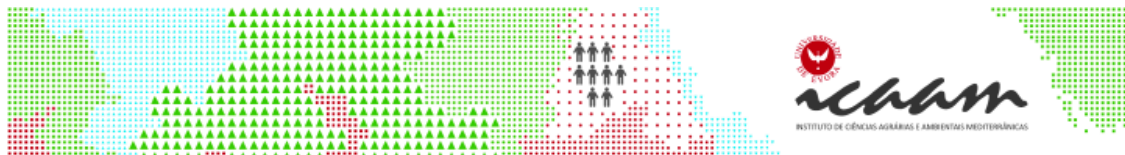
Nome do Curso	NAluno	Aluno	Média	Data de Conclusão
Ciências Veterinárias	10477	Susana Oliveira Serrano Monteiro	aprovado_distincao_louvor	23/05/2016
Ciências Agrárias e Ambientais	36640	Carlos Otero Águas da Silva	aprovado_distincao_louvor	05/07/2016
Ciências Agrárias	6841	Maria Doroteia Murteira Rico da Costa Campos	aprovado_distincao_louvor	13/07/2016
Biologia	7175	Amália Maria Marques Espiridião de Oliveira	aprovado_distincao	12/10/2016
Ciências da Engenharia do Território e Ambiente	8499	Victor da Conceição Soares	aprovado_distincao	07/11/2016
Gestão Interdisciplinar da Paisagem	8382	Ana Margarida Pinto da Fonseca	aprovado_distincao_louvor	09/12/2016
Biologia	7160	Ana Isabel da Silva Mendes	aprovado_distincao_louvor	20/12/2016
Biologia	8018	Carlos António Marques Pereira Godinho	aprovado_distincao_louvor	21/12/2016
Ciências do Ambiente	9873	Joaquim Pedro Alegre Mendes	aprovado	27/12/2016

PRÉMIOS - 2016

2016-03-04 - Prémio - Land and Soil Management Award, prémio atribuído a nível europeu ao projecto mais inovador no desenvolvimento da intensificação sustentável da agricultura, pela European Landowner's Organisation (ELO), atribuído ao investigador Mário José Gouveia Pinto Rodrigues Carvalho

PATENTES - 2016

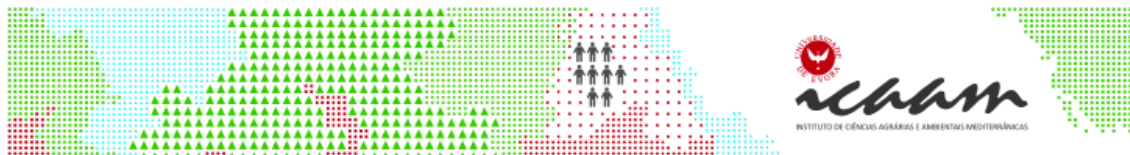
J.M. Gonzalez, J.A. Delgado Romero, E.J. Gómez Fernández, M. M Santana and C.M. Cruz. 2016. P201630900. Thermophilic microorganisms for phosphate solubilization at high temperatures. "Oficina Española de Patentes y marcas" (OEPM).



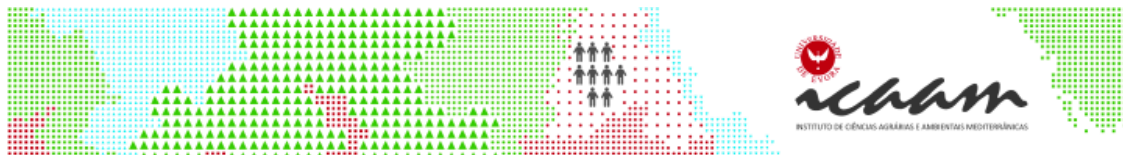
ORGANIZAÇÃO DE EVENTOS - 2016

n.º eventos organizados pelo ICAAM: 37 eventos

JANEIRO	
7 e 8 de janeiro	Curso de Introdução ao R
20/01/2016	Ação de demonstração e sensibilização sobre podas de Sobreiro e de Azinheira
21 e 22/01//2016	Curso de Programação em R
29/01/2016	Conferência do Programa de Doutoramento em Ciências Agrárias e Ambientais
FEVEREIRO	
21/02/2016	Seminário "Boas Práticas para a melhoria da Eficiência Energética na Agro-indústria"
Abril	
29/04/2016	Tertulias do montado
Maio	
13/05/2016	Organização de Palestra no âmbito de visitas de Investigadores e especialistas externos do ICAAM. Título: Hypogeous fungi in Mediterranean Maquis, arid and semi-arid forests. Palestrante: Prof.ª Dr.ª Maria Asunción Morte Gómez
23/05/2016	Seminário de História Agrária e Ambiental "O Montado: um ecossistema criado"
24/05/2016	Palestras Veterinárias - " Equine Surgical Clinical Cases " e " Criteria in decision making for horses with abdominal pain "
25/05/2016	Participação na feira "Investigação & Inovação no Sobreiro e na Cortiça". Coruche
25/05/2016	Tertulias do Montado
31/05/2016	Sessão de formação de técnicos das ELA do Alentejo - Estruturas Locais de Apoio do Alentejo.
Junho	
2/06/2016	Seminário do Projeto Life Lines
20/06/2017	Seminário: Que economias para a pequena agricultura familiar?
21/06/2016	Tertúlias do Montado Monitorização de dados sobre a distribuição do montado e armazenamento da informação
Julho	
15/07/2016	Well-being in rural areas: How is it affected by different farming systems? International Symposium: 12 th European IFSA Symposium, Social and technological transformation of farming systems: Diverging and converging pathways. UK, Harper Adams University, 12 - 15 July 2016.
26/07/2016	Curso de Operadores de Máquinas Agrícolas 2016
29/07/2016	IV Tertúlia do Montado Pormenorizar um sistema de informação e monitorização do montado Parte II
Setembro	
7/09/2016	Dia Aberto do projeto Europeu TREASURE
27/09/2016	World Congress Silvo-Pastoral Systems 2016



26-30/09/2016	From Land Cover To Habitat Mapping: Towards Green Infrastructure Planning
OUTUBRO	
10/10/2016	Projecto de irrigação de sobreiros - Visita à Herdade do Conqueiro, em Avis
16/10/2016	Semana Carreiras em Conservação da Natureza. LabOR
20/10/2016	Alimentação Mediterrânica II Encontro do Programa Regional do Alentejo de Promoção da Alimentação Saudável
20-21/10 de 2016	I Encontro de Estudantes de Doutoramento em Ambiente.
26/10/2016	Posse e uso da terra no Alentejo
28/10/2016	IV encontro da Tertulia do Montado
NOVEMBRO	
03/11/2016	"Dia Mundial One Health"
4/11/2016 10.00H	NanoDrop - Espectrofotómetro Ultravioleta-Visível para análise (quantificação e determinação de pureza) de microvolumes de ácidos nucleicos e proteínas
22/11/2016	Apresentação de Projetos ICAAM (inserido na semana da Ciência e Tecnologia)
24/11/2016	Apresentação do ICAAM como Centro de Investigação da Universidade de Évora (inserido na semana da Ciência e Tecnologia)
26/11/2016	O mundo oculto dos cogumelos. Passeio micológico no âmbito da Sema da Ciência e tecnologia na UE.
DEZEMBRO	
5/12/2016	Impacto da Gestão do Pastoreio no Montado
12/12/2016	Workshop sobre as <i>Desenvolvimento de Competências na Agricultura e Setor Agroalimentar</i>
14/12/2016	Lançamento do Projeto - Alentejo Circular
14/12/2016	A Proteómica em Ciência Vegetal
19/12/2016	Lançamento do Livro - As Aves do Jardim Gulbenkian



Projetos ICAAM - 2016

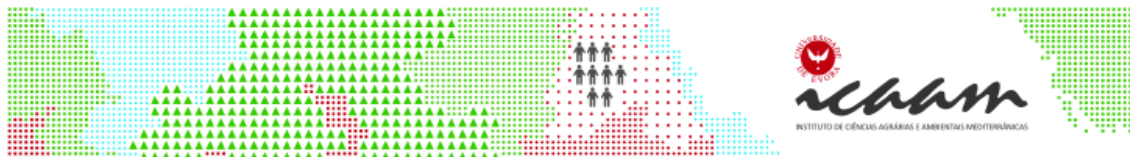
PROJETOS INTERNACIONAIS COM A PARTICIPAÇÃO DO ICAAM

Project Ref.	Acronym	Title	Duration	Funding	Programme	Total Budget	Budget Uévoira	Responsible Uévoira	Coordination
SFS-18-15/RIA/677363-2	SALSA	Small farms, small food businesses and sustainable food security	48 months	European Commission	Horizon 2020 - Call H2020-SFS-2015-2	4.958.422,5€	1.031.552,5€	Teresa Pinto Correia	ICAAM/UÉ
ISIB-02-15/CSA/SEP-210283189	HNV-LINK	High Nature Value Farming: Learning, Innovation and Knowledge	36 months	European Commission	Horizon 2020 - Call H2020-ISIB-2015-1	2.230.218,8€	148.250,0€	Teresa Pinto Correia	CIHEAM/IAMM
GA-63570	ISQAPER	Interactive Soil Quality Assessment in Europe and China for Agricultural Productivity and Environmental Resilience	60 months	European Commission	Horizon 2020 - Call H2020-SFS-2014-2	6.876.625,0€	323 750,00€	Gottlieb Basch	Wageningen UR
SFS-07a-2014 634476-2	TREASURE	Diversity of local pig breeds and production systems for high quality traditional products and sustainable pork chains	48 months	European Commission	Horizon 2020 - Call H2020-SFS-2014-2	3.395.987,0€	69.000,0€	Rui Miguel Carracha Charneca	Agricultural Institute of Slovenia
CSA-EE-21-2015-696140	TrustEE	Innovative market based Trust for Energy Efficiency investments in industry	36 months	European Commission	Horizon 2020 - Call H2020-EE-2015-1-MarketUptake	1.409.995,0€	164.368,0€	Adélia Sousa	AEE - Institut für Nachhaltige Technologien (Áustria)
Project Ref.	Acronym	Title	Duration	Funding	Programme	Total Budget	Budget Uévoira	Responsible Uévoira	Coordination
-	-	Innovative employability guidance for higher education students in the context of European biodiversity management	30 months	European Commission	ERASMUS+ (KA2 – Cooperation for Innovation and the Exchange of Good Practices)	200000€	27610€	João Rabaça	Barn Owl Foundation (Hungria)
KA1	Learning Mobility of Individuals	Higher education student and staff mobility between Programme and Partner Countries	-	European Commission	-	406376€	406376€	Vasco Fitas da Cruz	-
-	MONTADO & CLIMATE	A NEED TO ADAPT	5 years	European Commission	LIFE	2051538€	72544€	Nuno Ribeiro	Associação para a Defesa do Património de Mértola
ESR-321725 (call FP7-PEOPLE-2012-CIG_06/03/2012)	SYM'S GENE	Understanding Symbiotic Diversity: A Candidate Gene Approach SYM'S GENE	48 months	European Commission	FP7	161700€	161700€	Birgit Arnholdt-Schmitt	ICAAM/UÉ
ArimNet 10905	DIVERCROP	Land system dynamics in the Mediterranean basin across scales as relevant indicator for species diversity and local food systems	3 years	European Commission	ARIMNET 2	1 158000,00€	57380€	Teresa Pinto Correia	Claude Napoleone, Institut National de la Recherche Agronomique ; France

Project Ref.	Acronym	Title	Duration	Funding	Programme	Total Budget	Budget U��vora	Responsible U��vora	Coordination
ISIB-2014-2/SEP-210176670	PEGASUS	Public Ecosystem Goods And Services from land management: Unlocking the Synergies	36 months	European Commission	Horizon 2020 – Call H2020-ISIB-2014-2	3.007.800,0��	135 041,25 ��	Teresa Pinto Correia	Institute for European Environmental Policy
LIFE14 NAT/PT/001081	LIFE-LINES	Linear Infrastructure Network With Ecological Solutions	60 months	European Commission	LIFE	5.602.687,0��	1.720.825,0��	Ant��nio Mira	CIBIO
SFS-19-2014/SEP-210132421	SUFISA	Sustainable finance for sustainable agriculture and fisheries	48 months	European Commission	Horizon 2020 - Call H2020-SFS-2014-2	4.863.662,5��	259.250,0��	Teresa Pinto Correia	Katholieke Universiteit Leuven
LIFE13/NAT/PT/786	LIFE Saramugo	Conserva��o do Saramugo (Anaecypris hispanica) na Bacia do Guadiana (Portugal)	43 months	European Commission	LIFE Programme	726.831��.	478.68 ��	Maria Ilh��u	LPN - Liga para a Protec��o da Natureza
ERA-AFR/0001/2013	INCAA	INovative Conservation Agriculture approaches: Food Security and Climate Action Through soil and Water Conservation	36 months	European Commission	ERAFfrica	435.18 ��	82.78 ��	Gottlieb Basch	Leibniz-Zentrum f��r Agrarlandschaftsforschung M��ncheberg (ZALF)
H2020-CP-STAGE-RIA-CSA-727230-2	LIVESEED	Improve performance of organic agriculture by boosting organic seed and plant breeding efforts across Europe	48 months	European Commission	Horizon 2020	7 454 839.5��	121 100,00��	Birgit Arnholdt-Schmitt	Katholieke Universiteit Leuven

PARTICIPA  O DO ICAAM EM COST ACTIONS

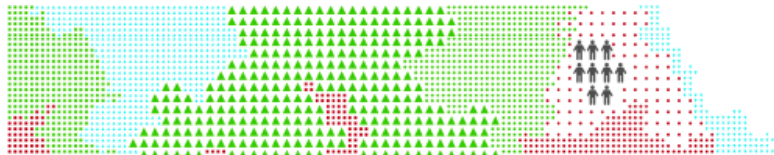
Project Ref.	Acronym	Title	Duration	Promoter	Funding	Programme	Responsible U��vora	Coordination
COST FA 1105	Biogreenhouse	Towards a sustainable and productive EU organic greenhouse horticulture	16 months	Mr Rob MEIJER Wageningen UR	European Commission	COST actions	F��tima de Jesus Folg��a Baptista	Wageningen UR
COST TD 1404	NEOH	Network for Evaluation of One Health	48 months	Dr Barbara Haesler, Royal Veterinary College, UK	European Commission	COST actions	Maria Manuela Clemente Vilhena	Royal Veterinary College
COST FA 1308	Dairy Care	Biomarker-based Welfare Technologies Working Group	48 months	Prof Chris Knight, University of Copenhagen	European Commission	COST actions	Cristina Maria dos Santos Concei��o Pinheiro	University of Copenhagen
COST TD1303	CYSTINET	European Network on Taeniosis/Cysticercosis	48 months	Action Chair: Dr. Sarah Gabri��l Institute of Tropical Medicine, Antwerp, Belgium	European Commission	COST actions	Maria Manuela Clemente Vilhena	Institute of Tropical Medicine, Antwerp, Belgium



PROJETOS ICAAM NACIONAIS

Project Ref.	Acronym	Title	Duration	Funding	Programme	Total Budget	Budget Uévo	Responsible UÉvo	Coordination
ALT20-03-0145-FEDER-000006		Micorrização de <i>Cistus</i> spp. com <i>Terfezia</i> arenaria (Moris) Trappe e sua aplicação na produção de túberas	45 months	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	251706.8€	251706.8 €	Celeste Maria Martins Santos e Silva	ICAAM/UÉ
ALT20-03-0145-FEDER-000009	-	Vegetação mediterrânica: anti-helmínticos naturais na dieta selecionada por cabras em pastoreio		FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	320695.4€	86548.1 €	Ludovina Padre	
ALT20-01-0853-FEDER-000013		Desenvolvimento de um Plano de Sustentabilidade para os Vinhos do Alentejo	24 months	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	266.256,3€	60.887,2 €	Maria Raquel Lucas	CVRA
ALT20-03-0145-FEDER-000014	OLEAVALOR	Valorização das Variedades de Oliveira Portuguesas	35 months	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	781581.66 €	486006.67 €	Augusto António Vieira Peixe	ICAAM/UÉ
ALT20-03-0145-FEDER-000016	GAMEFISH	GESTÃO E PROMOÇÃO DA PESCA RECREATIVA EM ALBUFEIRAS DA REGIÃO MEDITERRÂNICA	38 months	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	296602.5€	296602.5 €	Pedro Miguel Raposo de Almeida	ICAAM/UÉ
ALT20-03-0246-FEDER-000017	-	Apoio técnico aos programas de conservação e melhoramento genético em ruminantes	-	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	-	-	Ricardo Romão	ICAAM/UÉ
ALT20-03-0246-FEDER-000019	-	Novas metodologias de diagnóstico de doença articular em equinos	-	FEDER	Portugal 2020-Sistema de Apoio a Ações Coletivas	287120 €	287120 €	Nuno Alexandre	ICAAM/UÉ

Project Ref.	Acronym	Title	Duration	Funding	Programme	Total Budget	Budget Uévo	Responsible UÉvo	Coordination
ALT20-03-0246-FEDER-000020	-	Maneio reprodutivo e biotecnologias da reprodução em equinos de raça Puro Sangue Lusitano	-	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	-	-	Elisa Bettencourt	ICAAM/UÉ
ALT20-03-0145-FEDER-000023	CistusRumen	Utilização sustentável da Esteva (<i>Cistus ladanifer</i> L) em pequenos ruminantes – Aumento da competitividade e redução do impacto ambiental	-	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	-	-	Fernando Capela e Silva	
-	AWARTECH	Ajustamento em Tempo real das Condições Ambientais de Alojamento Tendo em Conta o Bem-Estar Animal	-	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	1000000 €	620363 €	Vasco Fitas da Cruz	ICAAM/UÉ
ALT20 - 01-0853-FEDER-000023	ALENTEJO CIRCULAR	Promoção de economia circular nas explorações agrícolas e agroindustriais do Alentejo	-	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	-	-	Vasco Fitas da Cruz	ICAAM/UÉ
ALT20-03-0145-FEDER-000024	-	Produção de Arroz com Baixo Teor de Arsénio	38 months	FEDER	Portugal 2020-Sistema de Apoio a Ações Coletivas	469895.75 €	456270 €	Carlos Alberto de Jesus Alexandre	ICAAM/UÉ
ALT20-03-0145-FEDER-000029	-	A Protecção Integrada do olival alentejano. Contributos para a sua inovação e melhoria contra os seus inimigos-chave	38 months	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	652516.79 €	575908.55 €	Fernando Manuel de Campos Trindade Rei	ICAAM/UÉ
ALT20-03-0145-FEDER-000032	SelectPorAI	Seleção e melhoramento genómico de características produtivas do Porco Alentejano	-	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	483915 €	52875 €	José Manuel Martins	CEBAL- Centro de Biotecnologia Agrícola e Agro-Alimentar do Baixo Al. Litoral



Project Ref.	Acronym	Title	Duration	Funding	Programme	Total Budget	Budget Uévo	Responsible Uévo	Coordination
ALT20-03-0145-FEDER-000037	GEN-RES-ALENTEJO	Utilização da Genómica na Selecção de Ovinos Resistentes a Parasitas e Pesteira no Alentejo	-	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	669970.92 €	82180.15 €	Sandra Branco	
ALT20-03-0145-FEDER-000038	ValBioTecCynara	Valorização económica do cardo (Cynara cardunculus): variabilidade natural e suas aplicações biotecnológicas	-	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	696813 €	137547 €	Carla Pinto Cruz	CEBAL- Centro de Biotecnologia Agrícola e Agro-Alimentar do Baixo Al. Litoral
ALT20-03-0145-FEDER-000039	-	Melhoria da produção de pastagens em solos ácidos no Montado: abordagem química e biológica	38 months	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	731835.66 €	554902.52 €	Mário José Gouveia Pinto Rodrigues Carvalho	ICAAM/UÉ
-	-	MAISAGRO	-	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	1107570 €	158376 €	Miguel Nuno Geraldo Viegas Santos Elias	Universidade da Beira Interior
PRODER 57150	SAFE BROCOLO	Melhoria do processo produtivo com base em modelos de risco para alternância e mosca da couve	24 months	-	Proder QREN	4000000 €	98428 €	José Rafael Marques da Silva	COTHN
-	CARTS	Aplicação seletiva de pesticidas através de pulverização em tempo real com base na densidade de folhagem da vinha	24 months	FEDER	Portugal 2020 - Sistema de Apoio a Ações Coletivas	503652.78 €	162825.15 €	José Rafael Marques da Silva	Hexastep
PRODER 020520052132	RegaSuber	Sobreiros (Quercus suber L.) em modo de produção intensiva e fertirrega	35 months	-	Proder QREN	166142.96 €	45339.42 €	Nuno Ribeiro	Fruticor, S.A.