

Employment

Centro de Estudos de Doenças Crónicas (CEDOC)

Universidade NOVA de Lisboa
Lisboa, Portugal
1 Jan 2019 → present

NOVA Medical School|Faculdade de Ciências Médicas (NMS|FCM)

Universidade NOVA de Lisboa
Lisboa, Portugal
1 Jan 2019 → present

Researcher

Instituto de Tecnologia Química e Biológica António Xavier (ITQB)
Universidade NOVA de Lisboa
Oeiras, Portugal
11 Aug 1973 → present

Instituto de Biologia Experimental e Tecnológica (IBET)

Oeiras, Portugal
1 Dec 2013 → 31 Dec 2018

Research outputs

Flavonoids as potential drugs for VPS13-dependent rare neurodegenerative diseases

Soczewka, P., Flis, K., Tribouillard-Tanvier, D., Di Rago, J. P., Santos, C. N., Menezes, R., Kaminska, J. & Zoladek, T., Jul 2020, In : *Genes*. 11, 7, p. 1-17 17 p., 828.

Second Food Bioactives and Health Conference

Dos Santos, C. N., 19 Feb 2020, In : *Journal of Agricultural and Food Chemistry*. 68, 7, p. 1761-1762 2 p.

Combined effect of interventions with pure or enriched mixtures of (poly)phenols and anti-diabetic medication in type 2 diabetes management: a meta-analysis of randomized controlled human trials

Raimundo, A. F., Félix, F., Andrade, R., García-Conesa, M. T., González-Sarrías, A., Gilsa-Lopes, J., do Ó, D., Raimundo, A., Ribeiro, R., Rodriguez-Mateos, A., Santos, C. N., Schär, M., Silva, A., Cruz, I., Wang, B., Pinto, P. & Menezes, R., 2020, In : *European Journal of Nutrition*.

Natural Products: Optimizing Cancer Treatment through Modulation of Redox Balance

Rijo, P., Pešić, M., Fernandes, A. S. & Santos, C. N., 2020, In : *Oxidative Medicine and Cellular Longevity*. 2020, 2407074.

RNA-seq, de novo transcriptome assembly and flavonoid gene analysis in 13 wild and cultivated berry fruit species with high content of phenolics

Thole, V., Bassard, J. E., Ramírez-González, R., Trick, M., Ghasemi Afshar, B., Breitel, D., Hill, L., Foito, A., Shepherd, L., Freitag, S., Nunes Dos Santos, C., Menezes, R., Banãdos, P., Naesby, M., Wang, L., Sorokin, A., Tikhonova, O., Shelenga, T., Stewart, D., Vain, P. & 1 others, Martin, C., 19 Dec 2019, In : *BMC Genomics*. 20, 1, 995.

5-(Hydroxyphenyl)- γ -valerolactone-sulfate, a key microbial metabolite of flavan-3-ols, is able to reach the brain: Evidence from different in silico, in vitro and in vivo experimental models

Angelino, D., Carregosa, D., Domenech-Coca, C., Savi, M., Figueira, I., Brindani, N., Jang, S., Lakshman, S., Molokin, A., Urban, J. F., Davis, C. D., Brito, M. A., Kim, K. S., Brighenti, F., Curti, C., Bladé, C., Del Bas, J. M., Stilli, D., Solano-Aguilar, G. I., Dos Santos, C. N. & 2 others, Del Rio, D. & Mena, P., 1 Nov 2019, In : *Nutrients*. 11, 11, 2678.

Berry-enriched diet in salt-sensitive hypertensive rats: Metabolic fate of (poly)phenols and the role of gut microbiota

Gomes, A., Oudot, C., Macià, A., Foito, A., Carregosa, D., Stewart, D., Van de Wiele, T., Berry, D., Motilva, M. J., Brenner, C. & Dos Santos, C. N., 1 Nov 2019, In : *Nutrients*. 11, 11, 2634.

The synthetic cannabinoid JWH-018 modulates *Saccharomyces cerevisiae* energetic metabolism

Ferreira, C., Couceiro, J., Família, C., Jardim, C., Antas, P., Santos, C. N., Outeiro, T. F., Tenreiro, S. & Quintas, A., 8 Aug 2019, In : *Fems Yeast Research*. 19, 5, foz042.

Carbon monoxide released by CORM-A1 prevents yeast cell death via autophagy stimulation

Figueiredo-Pereira, C., Menezes, R., Ferreira, S., Santos, C. N. & Vieira, H. L. A., 1 Aug 2019, In : *Fems Yeast Research*. 19, 5

CSRP3 mediates polyphenols-induced cardioprotection in hypertension

Oudot, C., Gomes, A., Nicolas, V., Le Gall, M., Chaffey, P., Broussard, C., Calamita, G., Mastrodonato, M., Gena, P., Perfettini, J. L., Hamelin, J., Lemoine, A., Fischmeister, R., Vieira, H. L. A., Santos, C. N. & Brenner, C., 1 Apr 2019, In : *Journal of Nutritional Biochemistry*. 66, p. 29-42 14 p.

INFOGEST static in vitro simulation of gastrointestinal food digestion

Brodkorb, A., Egger, L., Alminger, M., Alvito, P., Assunção, R., Ballance, S., Bohn, T., Bourlieu-Lacanal, C., Boutrou, R., Carrière, F., Clemente, A., Corredig, M., Dupont, D., Dufour, C., Edwards, C., Golding, M., Karakaya, S., Kirkhus, B., Le Feunteun, S., Lesmes, U. & 15 others, Macierzanka, A., Mackie, A. R., Martins, C., Marze, S., McClements, D. J., Ménard, O., Minekus, M., Portmann, R., Santos, C. N., Souchon, I., Singh, R. P., Vegarud, G. E., Wickham, M. S. J., Weitschies, W. & Recio, I., 1 Apr 2019, In : *Nature Protocols*. 14, 4, p. 991-1014 24 p.

Phenolic Metabolites Modulate Cardiomyocyte Beating in Response to Isoproterenol

Dias-Pedroso, D., Guerra, J., Gomes, A., Oudot, C., Brenner, C., Santos, C. N. & Vieira, H. L. A., Apr 2019, In : *Cardiovascular Toxicology*. 19, 2, p. 156-167 11 p.

Dietary Polyphenols Targeting Arterial Stiffness: Interplay of Contributing Mechanisms and Gut Microbiome-Related Metabolism

De Bruyne, T., Steenput, B., Roth, L., De Meyer, G. R. Y., Santos, C. N. D., Valentová, K., Dambrova, M. & Hermans, N., 8 Mar 2019, In : *Nutrients*. 11, 3

Identification and microbial production of the raspberry phenol salidroside that is active against huntington's disease

Kallscheuer, N., Menezes, R., Foito, A., Da Silva, M. H., Braga, A., Dekker, W., Sevillano, D. M., Rosado-Ramos, R., Jardim, C., Oliveira, J., Ferreira, P., Rocha, I., Silva, A. R., Sousa, M., Allwood, J. W., Bott, M., Faria, N., Stewart, D., Ottens, M., Naesby, M. & 2 others, Dos Santos, C. N. & Marienhagen, J., 1 Mar 2019, In : *Plant Physiology*. 179, 3, p. 969-985 17 p.

Low-Molecular Weight Metabolites from Polyphenols as Effectors for Attenuating Neuroinflammation

Carregosa, D., Carecho, R., Figueira, I. & Santos, C. N., 19 Feb 2019, In : *Journal of Agricultural and Food Chemistry*. 68, 7, p. 1790-1807

Blood-brain barrier transport and neuroprotective potential of blackberry-digested polyphenols: an in vitro study

Figueira, I., Tavares, L., Jardim, C., Costa, I., Terrasso, A. P., Almeida, A. F., Govers, C., Mes, J. J., Gardner, R., Becker, J. D., McDougall, G. J., Stewart, D., Filipe, A., Kim, K. S., Brites, D., Brito, C., Brito, M. A. & Santos, C. N., 1 Feb 2019, In : *European Journal of Nutrition*. 58, 1, p. 113-130 18 p.

Personalized nutrition in ageing society: redox control of major-age related diseases through the NutRedOx Network (COST Action CA16112)

Tur, J. A., Jacob, C., Chaimbault, P., Tadayyon, M., Richling, E., Hermans, N., Nunes dos Santos, C., Diederich, M., Giblin, L., Elhabiri, M., Gaucher, C., Andreoletti, P., Fernandes, A., Davies, M., Bartoszek, A. & Cherkaoui-Malki, M., 1 Jan 2019, In : *Free Radical Research*.

Brain uptake of hydroxytyrosol and its main circulating metabolites: Protective potential in neuronal cells

Lopez de las Hazas, M-C., Godinho-Pereira, J., Macià, A., Filipa Almeida, A., Rita Ventura, M., Motilva, M-J. & Santos, C. N., Jul 2018, In : *Journal of Functional Foods*. 46, p. 110-117

(Poly)phenol-digested metabolites modulate alpha-synuclein toxicity by regulating proteostasis

Macedo, D., Jardim, C., Figueira, I., Almeida, A. F., McDougall, G. J., Stewart, D., Yuste, J. E., Tomás-Barberán, F. A., Tenreiro, S., Outeiro, T. F. & Santos, C. N., 3 May 2018, In : Scientific Reports. 8, 1, 6965.

Bioavailability of Quercetin in Humans with a Focus on Interindividual Variation

Almeida, A. F., Borge, G. I. A., Piskula, M., Tudose, A., Tudoreanu, L., Valentová, K., Williamson, G. & Santos, C. N., 1 May 2018, In : Comprehensive Reviews in Food Science and Food Safety. 17, 3, p. 714-731 18 p.

BaCHBerry: BACTERIAL Hosts for production of Bioactive phenolics from bERRY fruits

Dudnik, A., Almeida, A. F., Andrade, R., Avila, B., Bañados, P., Barbay, D., Bassard, J. E., Benkoulouche, M., Bott, M., Braga, A., Breitel, D., Brennan, R., Bulteau, L., Chanforan, C., Costa, I., Costa, R. S., Doostmohammadi, M., Faria, N., Feng, C., Fernandes, A. & 63 others, Ferreira, P., Ferro, R., Foito, A., Freitag, S., Garcia, G., Gaspar, P., Godinho-Pereira, J., Hamberger, B., Hartmann, A., Heider, H., Jardim, C., Julien-Laferriere, A., Kallscheuer, N., Kerbe, W., Kuipers, O. P., Li, S., Love, N., Marchetti-Spaccamela, A., Marienhagen, J., Martin, C., Mary, A., Mazurek, V., Meinhart, C., Seviliano, D. M., Menezes, R., Naesby, M., Nørholm, M. H. H., Okkels, F. T., Oliveira, J., Ottens, M., Parrot, D., Pei, L., Rocha, I., Rosado-Ramos, R., Rousseau, C., Sagot, M. F., dos Santos, C. N., Schmidt, M., Shelenga, T., Shepherd, L., Silva, A. R., da Silva, M. H., Simon, O., Stahlhut, S. G., Solopova, A., Sorokin, A., Stewart, D., Stougie, L., Su, S., Thole, V., Tikhonova, O., Trick, M., Vain, P., Verissimo, A., Vila-Santa, A., Vinga, S., Vogt, M., Wang, L., Wang, L., Wei, W., Youssef, S., Neves, A. R. & Forster, J., 1 Apr 2018, In : Phytochemistry Reviews. 17, 2, p. 291-326 36 p.

Polyphenols as new leads in drug discovery: Biological activity and mechanisms

dos Santos, C. N., Menezes, R. & Stewart, D., 1 Jan 2018, In : Current Pharmaceutical Design. 24, 19, p. 2041-2042 2 p.

Pure polyphenols applications for cardiac health and disease

Santos, C. N., Gomes, A., Oudot, C., Dias-Pedroso, D., Rodriguez-Mateos, A., Vieira, H. L. A. & Brenner, C., 2018, In : Current Pharmaceutical Design. 24, 19, p. 2137 - 2156

Polyphenols journey through blood-brain barrier towards neuronal protection

Figueira, I., Garcia, G., Pimpão, R. C., Terrasso, A. P., Costa, I., Almeida, A. F., Tavares, L., Pais, T. F., Ventura, M. R., Filipe, A., McDougall, G. J., Stewart, D., Kim, K. S., Palmela, I., Brites, D., Brito, M. A., Santos, C. N. & Brito, C., 1 Dec 2017, In : Scientific Reports. 7, 1, 11456.

Dairy products and inflammation: A review of the clinical evidence

Bordoni, A., Danesi, F., Dardevet, D., Dupont, D., Fernandez, A. S., Gille, D., Nunes dos Santos, C., Pinto, P., Re, R., Rémond, D., Shahar, D. R. & Vergères, G., 13 Aug 2017, In : Critical Reviews in Food Science and Nutrition. 57, 12, p. 2497-2525 29 p.

Synthesis of New Sulfated and Glucuronated Metabolites of Dietary Phenolic Compounds Identified in Human Biological Samples

Almeida, A. F., Santos, C. N. & Ventura, M. R., 9 Aug 2017, In : Journal of Agricultural and Food Chemistry. 65, 31, p. 6460-6466 7 p.

Worldwide (poly)phenol intake: assessment methods and identified gaps

Pinto, P. & Santos, C. N., 1 Jun 2017, In : European Journal of Nutrition. 56, 4, p. 1393-1408 16 p.

(Poly)phenol metabolites from Arbutus unedo leaves protect yeast from oxidative injury by activation of antioxidant and protein clearance pathways

Jardim, C., Macedo, D., Figueira, I., Dobson, G., McDougall, G. J., Stewart, D., Ferreira, R. B., Menezes, R. & Santos, C. N., 1 May 2017, In : Journal of Functional Foods. 32, p. 333-346 14 p.

Polyphenols beyond barriers: A glimpse into the brain

Figueira, I., Menezes, R., Macedo, D., Costa, I. & dos Santos, C. N., 1 May 2017, In : Current Neuropharmacology. 15, 4, p. 562-594 33 p.

Exploring the power of yeast to model aging and age-related neurodegenerative disorders

Oliveira, A. V., Vilaiça, R., Santos, C. N., Costa, V. & Menezes, R., 1 Feb 2017, In : *Biogerontology*. 18, 1, p. 3-34 32 p.

Bioaccessible (poly)phenol metabolites from raspberry protect neural cells from oxidative stress and attenuate microglia activation

Garcia, G., Nanni, S., Figueira, I., Ivanov, I., McDougall, G. J., Stewart, D., Ferreira, R. B., Pinto, P., Silva, R. F. M., Brites, D. & Santos, C. N., 15 Jan 2017, In : *Food Chemistry*. 215, p. 274-283 10 p.

Phycocyanin protects against Alpha-Synuclein toxicity in yeast

Macedo, D., Bertolin, T. E., Oro, T., Backes, L. T. H., Brás, I. C., Santos, C. N., Tenreiro, S. & Outeiro, T. F., 2017, In : *Journal of Functional Foods*. 38, p. 553-560 8 p.

Cranberry (poly)phenol metabolites correlate with improvements in vascular function: A double-blind, randomized, controlled, dose-response, crossover study

Rodriguez-Mateos, A., Feliciano, R. P., Boeres, A., Weber, T., Santos, M. C., Lima, M. R. & Heiss, C., 1 Oct 2016, In : *Molecular Nutrition & Food Research*. 60, 10, p. 2130-2140 11 p.

The harmonized INFOGEST in vitro digestion method: From knowledge to action

Egger, L., Månard, O., Delgado-Andrade, C., Alvito, P., Assunção, R., Balance, S., Barberá, R., Brodkorb, A., Cattenoz, T., Clemente, A., Comi, I., Dupont, D., Garcia-Llatas, G., Lagarda, M. J., Le Feunteun, S., JanssenDuijghuijsen, L., Karakaya, S., Lesmes, U., Mackie, A. R., Martins, C. & 18 others, Meynier, A., Miralles, B., Murray, B. S., Pihlanto, A., Picariello, G., Santos, C. N., Simsek, S., Recio, I., Rigby, N., Rioux, L. E., Stoffers, H., Tavares, A., Tavares, L., Turgeon, S., Ulleberg, E. K., Vegarud, G. E., Vergara, G. & Portmann, R., 1 Oct 2016, In : *Food Research International*. 88, p. 217-225 9 p.

High-throughput yeast-based reporter assay to identify compounds with anti-inflammatory potential

Garcia, G., do Santos, C. N. & Menezes, R., 1 Sep 2016, *Methods in Molecular Biology*. Humana Press Inc., Vol. 1449. p. 441-452 12 p. (Methods in Molecular Biology; vol. 1449).

Identification and quantification of novel cranberry-derived plasma and urinary (poly)phenols

Feliciano, R. P., Boeres, A., Massaccesi, L., Istas, G., Lima, M. R., Nunes Dos Santos, C., Heiss, C. & Rodriguez-Mateos, A., 1 Jun 2016, In : *Archives of Biochemistry and Biophysics*. 599, p. 31-41 11 p.

Protective Effect of a (Poly)phenol-Rich Extract Derived from Sweet Cherries Culls against Oxidative Cell Damage

Matias, A. A., Rosado-Ramos, R., Nunes, S. L., Figueira, I., Serra, A. T., Bronze, M. R., Santos, C. N. & Duarte, C. M. M., 1 Apr 2016, In : *Molecules (Basel, Switzerland)*. 21, 4, 406.

Chemical characterization and bioactivity of phytochemicals from Iberian endemic Santolina semidentata and strategies for ex situ propagation

Gomes, A., Pimpão, R. C., Fortalezas, S., Figueira, I., Miguel, C., Aguiar, C., Salgueiro, L., Cavaleiro, C., Gonçalves, M. J., Clemente, A., Costa, C., Martins-Loução, M. A., Boavida, R. & Santos, C. N., 5 Nov 2015, In : *Industrial Crops and Products*. 74, p. 505-513 9 p.

From the baker to the bedside: yeast models of Parkinson's disease

Menezes, R., Macedo, D. L. C., Santos, M. C., Tenreiro, S. & Outeiro, T. F., Aug 2015, In : *Microbial Cell*. 2, 8, p. 262-279 18 p.

Mind the gap-deficits in our knowledge of aspects impacting the bioavailability of phytochemicals and their metabolites-a position paper focusing on carotenoids and polyphenols

Bohn, T., McDougall, G. J., Alegria, A., Alminger, M., Arrigoni, E., Aura, A. M., Brito, C., Cilla, A., El, S. N., Karakaya, S., Martínez-Cuesta, M. C. & Santos, C. N., 1 Jul 2015, In : *Molecular Nutrition & Food Research*. 59, 7, p. 1307-1323 17 p.

Phenolic sulfates as new and highly abundant metabolites in human plasma after ingestion of a mixed berry fruit purée

Pimpão, R. C., Lima, M. R., Boavida, R., Williamson, G. & Santos, C. N., 14 Feb 2015, In : *British Journal Of Nutrition*. 113, 3, p. 454-463 10 p.

(Poly)phenols protect from α -synuclein toxicity by reducing oxidative stress and promoting autophagy

Macedo, D., Tavares, L., McDougall, G. J., Vicente Miranda, H., Stewart, D., Boavida, R., Tenreiro, S., Outeiro, T. F. & Santos, C. N., 2015, In : Human molecular genetics. 24, 6, p. 1717-1732 16 p., ddu585.

Understanding the gastrointestinal tract of the elderly to develop dietary solutions that prevent malnutrition

Rémond, D., Shahar, D. R., Gille, D., Pinto, P., Kachal, J., Peyron, M. A., Santos, M. C., Walther, B., Bordoni, A., Dupont, D., Tomás-Cobos, L. & Vergères, G., 2015, In : Oncotarget. 6, 16, p. 13858-13898 41 p.

A standardised static in vitro digestion method suitable for food-an international consensus

Minekus, M., Alming, M., Alvito, P., Ballance, S., Bohn, T., Bourlieu, C., Carrière, F., Boutrou, R., Corredig, M., Dupont, D., Dufour, C., Egger, L., Golding, M., Karakaya, S., Kirkhus, B., Le Feunteun, S., Lesmes, U., MacIerzanka, A., MacKie, A., Marze, S. & 9 others, McClements, D. J., Ménard, O., Recio, I., Santos, C. N., Singh, R. P., Vegarud, G. E., Wickham, M. S. J., Weitschies, W. & Brodkorb, A., 2014, In : Food and Function. 5, 6, p. 1113-1124 12 p.

In vitro models for studying secondary plant metabolite digestion and bioaccessibility

Alminger, M., Aura, A. M., Bohn, T., Dufour, C., El, S. N., Gomes, A., Karakaya, S., Martínez-Cuesta, M. C., Mcdougall, G. J., Requena, T. & Santos, C. N., 2014, In : Comprehensive Reviews in Food Science and Food Safety. 13, 4, p. 413-436 24 p.

Phosphorylation Modulates Clearance of Alpha-Synuclein Inclusions in a Yeast Model of Parkinson's Disease

Tenreiro, S., Reimão-Pinto, M. M., Antas, P., Rino, J., Wawrzycka, D., Macedo, D., Rosado-Ramos, R., Amen, T., Waiss, M., Magalhães, F., Gomes, A., Santos, C. N., Kaganovich, D. & Outeiro, T. F., 2014, In : PLoS Genetics. 10, 5, e1004302.

Urinary metabolite profiling identifies novel colonic metabolites and conjugates of phenolics in healthy volunteers

Pimpão, R. C., Dew, T., Figueira, M. E., Mcdougall, G. J., Stewart, D., Ferreira, R. B., Santos, C. N. & Williamson, G., 2014, In : Molecular Nutrition & Food Research. 58, 7, p. 1414-1425 12 p.

Yap1 mediates tolerance to cobalt toxicity in the yeast *Saccharomyces cerevisiae*

Pimentel, C., Caetano, S. M., Menezes, R., Figueira, I., Santos, C. N., Ferreira, R. B., Santos, M. A. S. & Pousada, C. A., 2014, In : Biochimica Et Biophysica Acta-General Subjects. 1840, 6, p. 1977-1986 10 p.

Valuing the endangered species *Antirrhinum lopesianum*: Neuroprotective activities and strategies for in vitro plant propagation

Gomes, A., Fortalezas, S., Pimpão, R., Figueira, I., Maroco, J., Aguiar, C., Ferreira, R. B., Miguel, C. & Santos, C. N., 1 Dec 2013, In : Antioxidants. 2, 4, p. 273-292 20 p.

Analysis of Phenolic Compounds in Portuguese Wild and Commercial Berries after Multienzyme Hydrolysis

Santos, M. C., 1 Jan 2013, In : Journal of Agricultural and Food Chemistry. 61, 17, p. 4053-4062

beta-N-Acetylhexosaminidase involvement in alpha-conglutin mobilization in *Lupinus albus*

Santos, M. C., 1 Jan 2013, In : Journal Of Plant Physiology. 170, 12, p. 1047-1056

Daily polyphenol intake from fresh fruits in Portugal: contribution from berry fruits

Santos, M. C., 1 Jan 2013, In : International Journal Of Food Sciences And Nutrition. 64, 8, p. 1022-1029

Elucidating Phytochemical Production in *Juniperus* sp.: Seasonality and Response to Stress Situations

Boavida, R. & Santos, M. C., 1 Jan 2013, In : Journal of Agricultural and Food Chemistry. 61, 17, p. 4044-4052

Neuroprotective effect of blackberry (*Rubus* sp.) polyphenols is potentiated after simulated gastrointestinal digestion

Tavares, L. R., Figueira, I. M. L., Macedo, D., Leitão, M. C., Santos, M. C., Vieira, H. L., Alves, P. M. & Ferreira, R. B., 15 Apr 2012, In : Food Chemistry. 131, 4, p. 1443-1452

Bioactive compounds from endemic plants of Southwest Portugal: Inhibition of acetylcholinesterase and radical scavenging activities

Santos, M. C. & Serra, A. T., 1 Jan 2012, In : *Pharmaceutical Biology*. 50, 2, p. 239-246

Missing pieces in protein deposition and mobilization inside legume seed storage vacuoles: calcium and magnesium ions

Santos, M. C. & Boavida, R., 1 Jan 2012, In : *Seed Science Research*. 22, 4, p. 249-258

The neuroprotective potential of phenolic-enriched fractions from four juniperus species found in Portugal

Santos, M. C., 1 Jan 2012, In : *Food Chemistry*. 135, 2, p. 562-570

Comparison of different methods for DNA-free RNA isolation from SK-N-MC neuroblastoma

Alves, P. M. & Santos, M. C., 1 Jan 2011, In : *Bmc Research Notes*. 4, 1, p. 3

Lycopene content and antioxidant capacity of Portuguese watermelon fruits

Santos, M. C., 1 Jan 2011, In : *Electronic Journal Of Environmental, Agricultural And Food Chemistry*. 10, 4, p. 2090-2097

Antioxidant and antiproliferative properties of strawberry tree tissues

Santos, M. C. & Boavida, R., 1 Jan 2010, In : *Journal Of Berry Research*. 1, 1, p. 3-12

Antioxidant properties and neuroprotective capacity of strawberry tree fruit (*Arbutus unedo*)

Alves, P. M. & Santos, M. C., 1 Jan 2010, In : *Nutrients*. 2, 2, p. 214-229

Phytochemical characterization of *Juniperus* spp. leaves

Tavares, L., Pimpao, R. C., Santos, C., McDougall, G. J., Stewart, D. & Ferreira, R. B., Jul 2009, In : *Planta Medica*. 75, 9, p. 923-923

Contribution of Yap1 towards *Saccharomyces cerevisiae* adaptation to arsenic-mediated oxidative stress

Menezes, R. A., Amaral, C., Batista-Nascimento, L., Santos, C., Ferreira, R. B., Devaux, F., Eleuthério, E. C. A. & Rodrigues-Pousada, C., 1 Sep 2008, In : *Biochemical Journal*. 414, 2, p. 301-311 11 p.

The role of plant defence proteins in fungal pathogenesis

Ferreira, R. B., Monteiro, S. A. V., Freitas, R., Santos, C. N., Chen, Z., Batista, L. M., Duarte, J., Borges, A. & Teixeira, A. R., Sep 2007, In : *Molecular plant pathology*. 8, 5, p. 677-700 23 p.

Fungal pathogens: The battle for plant infection

Ferreira, R. B., Monteiro, S. A., Freitas, R., Santos, C. N., Chen, Z., Batista, L. M., Duarte, J. C., Borges, A. & Teixeira, A. R., 1 Dec 2006, In : *Critical Reviews In Plant Sciences*.

Exposure of *Lemna minor* to arsenite: expression levels of the components of the ubiquitin/proteasome pathway

Santos, C. N., Gaspar, M., Branco-Price, C., Teixeira, A. R. & Ferreira, R. B., Sep 2006, In : *FEBS Journal*. 277, 9, p. 1262-1273 12 p.

Seed proteins of *Lupinus mutabilis*

Santos, C. N. D., Ferreira, R. B. & Teixeira, A. R. N., Oct 1997, In : *Journal of Agricultural and Food Chemistry*. 45, 10, p. 3821-3825 5 p.

INVOLVEMENT of the UBIQUITIN MEDIATED PROTEOLYTIC PATHWAY in the RESPONSE of *Lemna minor* to ARSENITE

Santos, C., Ferreira, R. M. B. & Teixeira, A. R. N., 1997, In : *Faseb Journal*. 9, p. A988 1 p.