

Curriculum vitae

Personal Information

Name Daniela dos Santos Oliveira
Nationality Portuguese
Date of birth 16/07/1993
City Braga (Portugal)
E-mail danielasoliveira@outlook.pt

Education

Date December 2017 – Present
Title of Degree PhD in Agricultural Production Chains – From Fork to Farm (AgriChains)
Institution Centre for the Research and Technology of Agro-Environmental and Biological Sciences (CITAB/Pole of the University of Minho)

Date October 2014 – March 2017
Title of Degree Master's degree in Plant Molecular Biology, Biotechnology and Bioentrepreneurship (18 values)
Main topics Biochemistry and Molecular Physiology; Plant Biotechnology; Plant Genetic Engineering and Bioinformatics; Secondary Metabolism and Bioactive Compounds; Bioreactors and Separation Processes; Marketing Principles and Entrepreneurship
Topic of thesis "Antigenotoxic and anticancer activities of plant extracts using different eukaryotic cell models".
Institution University of Minho (Portugal).

Date September 2011 – July 2014
Title of Degree Bachelor's degree in Applied biology (17 values)
Main topics Microbiology; Biochemistry; Animal and Plant Biology and Physiology; Biophysics; Pharmacology; Genetics and Bioinformatics; Analysis of data and Statistics; Instrumental Methods of Analysis.
Institution University of Minho.

Training

Date September 2020 – March 2021
Title Internship "Study of persistence of bioactivities of plant extracts after *in vitro* digestion in human cell lines"
Supervision and Institution Prof. Dr. Marie-Christine Chagnon and Dr. Isabelle Séverin; Institut national supérieur des sciences agronomiques, de l'alimentation et de l'environnement (AgroSup Dijon), University of Burgundy (Dijon, France).

Date April 2018 – September 2018
 Title Internship “DNA damage by detection of the histone γ -H2A.X”
 Supervision and Institution Prof. Lucília Saraiva; School of Pharmacy, University of Porto (Porto, Portugal).

Date January 2016 – May 2016
 Title Erasmus fellowship “Antigenotoxicity of *Ginkgo biloba* extract in colonocytes”.
 Supervision and Institution Dr Chris Gill; Nutrition Innovation Centre for Food and Health (NICHE), Biomedical Sciences Research Institute, University of Ulster (Northern Ireland, UK).

Date May 2014 – July 2014
 Title Internship “Antigenotoxic activity of plant extracts with potential therapeutic application”.
 Supervision and Institution Prof. Rui Oliveira, Centre for the Research and Technology of Agro-Environmental and Biological Sciences (CITAB), Department of Biology, University of Minho.

Languages

Native Portuguese

Others
 European level (*)
English
French

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1
A1	A1	A1	A1	A1

(*) Common European Framework of Reference for Languages

Technical skills and competencies

Knowledge on microbiology techniques
 Basic knowledge on mammalian cell culture
 Comet assay
 Flow cytometry
 Simulation of digestion
 Western blot
 Statistical analysis

Computer skills

Microsoft Office™ tools
 Knowledge on Software ApE, SEGUID calculator, Dotlet, R, GraphPad Prism and Flowing software.

Scientific publications

Book chapter	Oliveira, Daniela; Johansson, Bjorn and Oliveira, Rui (2017) – <i>Ginkgo biloba</i> , DNA damage and DNA repair: Overview. <i>In</i> The Handbook of Nutrition, Diet and Epigenetics. Edition 1. Patel, B. Vinood and Preedy, R. Victor (eds.), Springer Nature. 978-3-319-55529-4.
Articles	Oliveira, D., Latimer, C., Parpot, P., Gill, C. I., & Oliveira, R. (2020). Antioxidant and antigenotoxic activities of <i>Ginkgo biloba</i> L. leaf extract are retained after in vitro gastrointestinal digestive conditions. <i>European Journal of Nutrition</i> , 59(2), 465-476.
	Spácková, J., Oliveira, D., Puškár, M., Ďurovcová, I., Gaplovská-Kyselá, K., Oliveira, R., & Ševčovičová, A. (2020). Endocrine-independent cytotoxicity of bisphenol A is mediated by increased levels of reactive oxygen species and affects cell cycle progression. <i>Journal of Agricultural and Food Chemistry</i> , 68(3), 869-875.
Scientific communication	
Poster	Oliveira, Daniela; Cadilhe, Luís; Latimer, Cheryl; Parpot, Pier; Gill, Chris; Oliveira, Rui. Antigenotoxicity of <i>Ginkgo biloba</i> extract in colonocytes. XXII Encontro Luso-Galego de Química, November 2016, Instituto Politécnico de Bragança (Portugal). Lisboa: Sociedade Portuguesa De Química.1, 24.
	Cadilhe, Luís; Oliveira, Daniela; Mendes, Adriana; Parpot, Pier; Oliveira, Rui. Protection against nitric oxide genotoxicity by <i>Ginkgo biloba</i> extract. XXII Encontro Luso-Galego de Química, November 2016, Instituto Politécnico de Bragança (Portugal). Lisboa: Sociedade Portuguesa De Química.1, 25.
	Oliveira, Daniela; Cadilhe, Luís; Mendes, Adriana; Parpot, Pier; Oliveira, Rui. Protective effect of <i>Ginkgo biloba</i> extract against genotoxic stress. XIX National Congress of Biochemistry, December 2016, Guimarães (Portugal).
	Oliveira, Daniela; Cadilhe, Luís; Parpot, Pier; Oliveira, Rui (2018). <i>Ginkgo biloba</i> and <i>Dittrichia viscosa</i> extracts protect <i>Schizosaccharomyces pombe</i> cells exposed to camptothecin. Phytochemical Society of Europe (PSE) - Young Scientists' Meeting (YSM) on Advances in Phytochemical Analysis (Trends in Natural Products Research). 2-5 July 2018, Liverpool John Moores University, UK. Book of abstracts of PSE-YSM Liverpool 2018. S. Sarker (Ed.) Phytochemical Society of Europe, Liverpool, 55. ISBN 978-1-5272-2154-3.
	Oliveira, Daniela; Cadilhe, Luís; Parpot, Pier; Oliveira, Rui (2018). <i>Ginkgo biloba</i> extract-induced mild oxidation might adapt cells against nitric oxide cytotoxicity. Phytochemical Society of Europe (PSE) - Young Scientists' Meeting (YSM) on Advances in Phytochemical Analysis (Trends in Natural Products Research). 2-5 July 2018, Liverpool John Moores University, UK. Book of abstracts of PSE-YSM Liverpool 2018. S. Sarker (Ed.) Phytochemical Society of Europe, Liverpool, 56. ISBN 978-1-5272-2154-3.
	Oliveira, Daniela; Custódio, Luísa; Oliveira, Rui (2019). Halophyte plants as potential tool against toxicity of food contaminants. XX EuroFoodChem Conference. 17th-19th June 2019, Faculty of Pharmacy of the University of Porto, Portugal. Book of Abstracts of the XX EuroFoodChem Congress. M. B. P. P. Oliveira, J. S. Amaral, M. A. Coimbra (Eds.) Sociedade Portuguesa de Química, Lisboa, 224. ISBN 978-989-8124-26-5.
	Oliveira, Daniela; Custódio, Luísa; Oliveira, Rui (2020). Chemical composition and potential antioxidant-mediated antigenotoxicity of <i>Polygonum maritimum</i> L. from the south of Portugal. IBERPHENOL International Conference "Advances in the role of phenols in health effects and other uses". 5th-6th November 2020, Faculty of Pharmacy, University of Coimbra, Portugal. Book of Abstracts of the IBERPHENOL International Conference, 48.

	<p>Oral Oliveira, Daniela; Latimer, Cheryl; Parpot, Pier; Gill, Chris; Oliveira, Rui (2018). Ginkgo biloba extract attenuates oxidative DNA damage upon in vitro digestive conditions. 12th World Congress on Polyphenols Applications. 25-28 September 2018, University of Bonn, Germany. Book of abstracts in Archives of International Society of Antioxidants in Health & Nutrition. Volume 6 – Issue 3, 2018, 16. ISBN 978-2-35609-012-6.</p>
<p>Activities of divulgation of science</p>	<p>Collaboration in the programme “Os Melhores Alunos na Universidade do Minho”, in the activity “Atividade antioxidante de extratos de plantas”. 5-7/04/2017, Department of Biology, University of Minho.</p> <p>Collaboration in the programme “Verão no Campus 2017”, in the activity “Atividade antioxidante de extratos de plantas”. 24-28/07/2017, Department of Biology, University of Minho.</p> <p>Collaboration in the programme “Verão no Campus 2018”, in the activity “Investigação em Biologia Vegetal Aplicada e no sector Agro-alimentar”. 23-27/07/2018, Department of Biology, University of Minho.</p> <p>Collaboration in the Workshop “Antioxidants and protection against DNA damage”, in the activity “Jornadas da Ciência”. 11-15/03/2019, School of Sciences, University of Minho.</p>
<p>Additional information</p>	
<p>Awards</p>	<p>Excellence Scholarship – Best Student of the 2nd year (2012/2013) of the Bachelor's degree in Applied Biology, University of Minho.</p> <p>Excellence Scholarship – Best Student of the 2nd year (2013/2014) of the Bachelor's degree in Applied Biology, University of Minho.</p>
<p>Workshops</p>	<p>“Microscopy course”, 4/06/2014, University of Minho.</p> <p>“The Next Generation in Acoustic Focusing Cytometry (Machine & Applications)”, 15/09/2015, University of Minho.</p> <p>“Safety in the laboratory”, 5-6 and 12-13/06/2016, University of Minho.</p> <p>“Good practices in the use and maintenance of cold equipment”, 28/06/2016, University of Minho.</p>
<p>Courses</p>	<p>“Biopolymers based on renewable resources: from synthesis to applications”, coordinators Prof. Margarida Casal and Prof. Raul Machado, April 2015, University of Minho.</p> <p>“Advances in Plant Molecular Biology”, coordinators Prof. Manuela Costa and Prof. Hernâni Gerós, Maio de 2015, University of Minho.</p> <p>“Oxidative stress and antioxidants”, coordinator Prof. Alberto Dias, July de 2015, University of Minho.</p>

"Editing Research Papers – advanced writing course", Prof. Ana Silva from Instituto Superior Técnico de Lisboa, 28 February - 2 March 2018, University of Trás-os-Montes and Alto Douro.

"Life cycle assessment in food systems", coordinators Prof. Maria Pellicer and Prof. Gabriela Polo from Universidade Politécnica de Valencia, 26-28 March 2018, University of Trás-os-Montes and Alto Douro.

"Bionanoparticles: challenges and therapeutic opportunities", coordinators Prof. Andreia Gomes and Prof. Paula Sampaio, April/May 2018, University of Minho.

"Bionanosystems for Pharmaceutical and Cosmetic Applications", coordinators Prof. Elisabete Oliveira and Prof. Marlene Lúcio, June 2018, University of Minho.

"Advanced Course on Plant-Microbe Interactions", coordinator Prof. Teresa Lino Neto, May 2019, University of Minho.

"Experimental Design Training" course, Prof. Ana Silva from Instituto Superior Técnico de Lisboa, November 2019, University of Trás-os-Montes and Alto Douro.