



Curriculum Vitae

Nuno Filipe Coutinho Gonçalves Anjo

Nuno Anjo concluiu a licenciatura em Genética e Biotecnologia em 2015 pela Universidade de Trás-os-Montes e Alto Douro (UTAD) e o mestrado em Genética Molecular Comparativa e Tecnológica em 2018 pela mesma universidade. Durante o seu percurso académico, fez Erasmus na Universidade de Parma em 2014, creditando unidades extracurriculares ao seu currículo. Com base no seu projeto de dissertação, realizou uma colaboração com o Prof. Doutor Armand Sánchez e colegas no laboratório de Genética Molecular Veterinária da Universidade Autónoma de Barcelona, efetuando neste laboratório parte do seu trabalho prático. Atualmente colabora num projeto de investigação sobre a base molecular das Encefalopatias Espongiformes Transmissíveis na UTAD e é aluno de doutoramento na mesma instituição. Foi coorientador de dois trabalhos de conclusão de curso de licenciatura em Genética e Biotecnologia. Publicou 3 artigos em revistas especializadas e 1 capítulo de um livro.

Nuno Anjo holds a Bachelor's degree in Genetics and Biotechnology and a Master's degree in Comparative and Technological Molecular Genetics. During his academic career Nuno did Erasmus at the University of Parma, crediting extracurricular units to his curriculum. Based on his dissertation project, Nuno collaborated with Prof. Dr. Armand Sánchez and colleagues in the Laboratory of Veterinary Molecular Genetics of the Autonomous University of Barcelona, performing one task of his practical work. Currently, Nuno collaborates in a research project on the molecular basis of Transmissible Spongiform Encephalopathies at the University of Trás-os-Montes and Alto Douro (UTAD) and is PhD student at the same university. Nuno was co-supervisor of two final internships of BSc in Genetics and Biotechnology. To date, Nuno has published 3 articles in specialised journals and 1 book chapter.

Identification

Personal identification

Full name

Nuno Filipe Coutinho Gonçalves Anjo

Gender

Male

Birth date

1988/12/22

Citation names

Gonçalves-Anjo, Nuno

Nuno Anjo

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Knowledge fields

Medical and Health Sciences - Medical Biotechnology - Gene-based Diagnostics and Therapeutic Interventions

Languages

Language	Speaking	Reading	Writing	Listening	Peer-review
Portuguese	Proficiency (C2)	Proficiency (C2)	Proficiency (C2)	Proficiency (C2)	
English	Intermediate (B1)	Upper intermediate (B2)	Upper intermediate (B2)	Upper intermediate (B2)	
Spanish; Castilian	Elementary (A2)	Intermediate (B1)	Elementary (A2)	Intermediate (B1)	

Education

	Degree	Classification
2019/10 - 2023/10 Ongoing	Genética Molecular Comparativa (Doutoramento) Universidade de Trás-os-Montes e Alto Douro, Portugal <i>"Uncovering the variability and regulation of prnp gene and their relevance in Chronic Wasting Disease susceptibility and transmission" (THESIS/DISSERTATION)</i>	
2018/10/12 Concluded	Genética Molecular Comparativa e Tecnológica (Mestrado) Universidade de Trás-os-Montes e Alto Douro, Portugal <i>"Genómica clínica na doença periodontal canina" (THESIS/DISSERTATION)</i>	18
2015/01/06 Concluded	Genética e Biotecnologia (Licenciatura) Universidade de Trás-os-Montes e Alto Douro, Portugal <i>"Análise do Gene TLR4 na Doença Periodontal em Canis familiaris" (THESIS/DISSERTATION)</i>	15

Affiliation

Science

2019/10/01 - Current Researcher (Research)
 Universidade de Trás-os-Montes e Alto Douro Centro de Investigação e de
 Tecnologias Agro-Ambientais e Biológicas, Portugal

Projects

Grant

	Designation	Funders
2019/10/07 - Current	Uncovering the variability and regulation of prnp gene and their relevance in Chronic Wasting Disease susceptibility and transmission SFRH/BD/146961/2019 PhD Student Fellow Universidade de Trás-os-Montes e Alto Douro, Portugal Centro de Investigación Cooperativa en Biociencias, Spain	Fundação para a Ciência e a Tecnologia, Portugal

Contract

	Designation	Funders
2018/10/01 - 2021/09/30	Chronic Wasting Disease Risk Assessment in Portugal PTDC/CVT-CVT/29947/2017 Researcher Universidade de Trás-os-Montes e Alto Douro, Portugal	

Outputs

Publications

Book chapter	1	Neves Machado, Carla; Orge, Leonor; Pires, Isabel; Gama, Adelina; Esteves, Alexandra; Paula Mendonça, Ana; Matos, Ana; et al. "TSE Monitoring in Wildlife Epidemiology, Transmission, Diagnosis, Genetics and Control". In <i>Wildlife Population Monitoring [Working Title]</i> . IntechOpen, 2019. Published · 10.5772/intechopen.85797
Conference abstract	1	Nuno Gonçalves-Anjo; Fátima Leite-Pinheiro; Ricardo Ribeiro; João Requiça; Isabel Dias; Carlos Viegas; Estela Bastos. "Toll-Like Receptors in Periodontal Disease – A Future Biomarker". Paper presented in <i>106th FDI Annual World Dental Congress, Buenos Aires, 2018</i> .

- 2 Carlos Viegas; Carlos Albuquerque; Estela Bastos; Francisco Morinha; Henrique Guedes-Pinto; Nuno Anjo. "Analysis of TLR4 Gene Variants in Dogs with Periodontal Disease". Paper presented in *102nd FDI Annual World Dental Congress, New Delhi, 2015*.

Published · 10.1111/ijdj.12157

Conference poster

- 1 Gonçalves-Anjo, Nuno. "Molecular Genetics Approaches – Current state of Chronic Wasting Disease in Portugal". Paper presented in *International Meeting of the Portuguese Society of Genetics - XLIII Jornadas Portuguesas de Genética, 2020*.
- 2 Gonçalves-Anjo, Nuno. "Human and Animal Prion Diseases in Portugal - Who is the model?". Paper presented in *International Meeting of the Portuguese Society of Genetics - XLIII Jornadas Portuguesas de Genética, 2020*.
- 3 Gonçalves-Anjo, Nuno. "Genetic versus epigenetic mechanisms and their effect on hypophysis' gene expression". Paper presented in *International Meeting of the Portuguese Society of Genetics - XLIII Jornadas Portuguesas de Genética, 2020*.
- 4 Gonçalves-Anjo, Nuno. "Genetic approach to the sequence of the prnp gene in Portuguese cervids species". Paper presented in *8th Iberian Congress on Prions 2019, 2019*.
- 5 Vieira-Pinto M; Bastos E; Gonçalves-Anjo N (321C-E535-D522); Rocha S; Figueira L; Matos AC; Orge, Leonor; et al. "Assessing Chronic Wasting Disease risk in Portugal". Paper presented in *11th International Symposium on Wild Fauna, 2019*.
- 6 Madalena Vieira-Pinto; Estela Bastos; Nuno Gonçalves-Anjo; Sara Rocha; Luís Figueira; Ana Matos; Carla Machado; et al. "Doença Emaciante Crónica dos Cervídeos - Qual o risco em Portugal?". Paper presented in *Wildlife & Game Management Innovation Summit 2019, 2019*.
- 7 Rocha S; Gonçalves-Anjo N (321C-E535-D522); Gama A; Orge Leonor; Pires MA; Bastos E. "Chronic Wasting Disease – Characterization of prnp gene in Portuguese cervids". Paper presented in *XI Genetics and Biotechnology Conference/ I Genetics and Biotechnology Iberian Conference, 2019*.
- 8 Fátima Leite-Pinheiro; Nuno Gonçalves-Anjo; Miguel Queirós; Carlos Albuquerque; Francisco Morinha; João Filipe Requicha; Isabel Dias; Carlos Viegas; Estela Bastos. "Analysis of TLR9 gene in Periodontal Disease in Canis familiaris". Paper presented in *XL Portuguese Genetics Conference, 2016*.
- 9 Andreia Teixeira; Nuno Gonçalves-Anjo; Carlos Albuquerque; Francisco Morinha; João Filipe Requicha; Isabel Dias; Carlos Viegas; Estela Bastos. "Variações genéticas no gene TNFRSF11A na doença periodontal canina". Paper presented in *VIII Genetics & Biotechnology Conference, 2016*.

- 10 Nuno Gonçalves-Anjo; Teresa Bento; José Carlos Leitão; Carlos Viegas; Estela Bastos. "A systematic review applied to periodontal disease studies". Paper presented in *VIII Genetics & Biotechnology Conference*, 2016.
- 11 Nuno Gonçalves-Anjo; Carlos Albuquerque; Francisco Morinha; João Filipe Requicha; Isabel Dias; Carlos Viegas; Estela Bastos. "A Genetic Approach in Canine Periodontal Disease: The TLR4 Gene". Paper presented in *XXXIX Portuguese Genetics Conference*, 2015.

Journal article

- 1 Gonçalves-Anjo, Nuno. "Genomic Medicine in Periodontal Disease: old issue, new insights". *Journal of Veterinary Dentistry* (2020): Accepted
- 2 Nuno Gonçalves-Anjo; Fátima Leite-Pinheiro; Ricardo Ribeiro; João Filipe Requicha; Ana Luísa Lourenço; Isabel Dias; Carlos Viegas; Estela Bastos. "Toll-like receptor 9 gene in Periodontal Disease – A promising biomarker". *Gene* 687 (2019): 207-211. <https://doi.org/10.1016/j.gene.2018.11.060>
10.1016/j.gene.2018.11.060
- 3 Nuno Gonçalves-Anjo; Fátima Leite-Pinheiro; António Cortinhas; Teresa Bento; José Carlos Leitão; Isabel Dias; Carlos Viegas; Estela Bastos. "Lack of association between the toll-like receptor 4 gene c.896A>G polymorphism and the predisposition to periodontal disease: An updated systematic review and meta-analysis". *Meta Gene* 18 (2018): 9-15. <https://doi.org/10.1016/j.mgene.2018.07.007>
10.1016/j.mgene.2018.07.007

Thesis /
Dissertation

- 1 Anjo, Nuno Filipe Coutinho Gonçalves; Gonçalves-Anjo, Nuno. "Genómica clínica na doença periodontal canina". Master, Universidade de Trás-os-Montes e Alto Douro, 2018. <http://hdl.handle.net/10348/9159>.
- 2 Gonçalves-Anjo, Nuno. "Análise do Gene TLR4 na Doença Periodontal em Canis familiaris". Degree, Universidade de Trás-os-Montes e Alto Douro, 2014.

Other

Dataset

- 1 Canis lupus familiaris isolate PD3 tumor necrosis factor receptor superfamily member 11A (TNFRSF11A) gene, partial cds (GenBank: KR736353.1). GenBank.

Activities

Oral presentation

	Presentation title	Event name Host (Event location)
2019/10/25	Chronic wasting disease risk assessment in Portugal - Genetic variability preliminary results and future perspectives	8th Iberian Congress on Prions 2019 (Castelo Branco, Portugal)
2018/09	Toll-Like Receptors In Periodontal Disease – A Future Biomarker	106th FDI Annual World Dental Congress FDI World Dental Federation (Buenos Aires, Argentina)
2017/03	Análise do gene TLR9 na Doença Periodontal em Canis lupus familiaris	IX Genetics & Biotechnology Conference (Vila Real, Portugal)
2015/03	Análise de polimorfismos no gene TLR4 na doença periodontal em Canis familiaris	VII Genetics & Biotechnology Conference Universidade de Trás-os-Montes e Alto Douro (Vila Real, Portugal)
2014/09	Analysis of TLR4 Gene Variants in Dogs with Periodontal Disease	102nd FDI Annual World Dental Congress (New Delhi, India)

Supervision

	Thesis Title Role	Degree Subject (Type) Institution / Organization
2019/02/04 - 2019/07	Doença Emaciante Crónica: caracterização do gene prnp em cervídeos em Portugal Co-supervisor of Sara Rocha	Genética e Biotecnologia (Degree) Universidade de Trás-os-Montes e Alto Douro, Portugal

Event organisation

	Event name Type of event (Role)	Institution / Organization
2012/04 - 2013/04	Member of the Organising Committee of "I Palestras de Neurociências" (2012/11/14 - 2012/11/14) Seminar (Member of the Organising Committee)	ADNGB - Núcleo de Estudantes de Genética e Biotecnologia, Portugal Universidade de Trás-os-Montes e Alto Douro, Portugal
2012/04 - 2013/04	Member of the Organising Committee of "V Jornadas Nacionais de Genética e Biotecnologia" (2013/02/20 - 2013/02/22) Conference (Member of the Organising Committee)	ADNGB - Núcleo de Estudantes de Genética e Biotecnologia, Portugal Universidade de Trás-os-Montes e Alto Douro, Portugal

2011/04 - 2012/04	Member of the Organising Committee of "IV Jornadas Nacionais de Genética e Biotecnologia" (2012/03/01 - 2012/03/01) Conference (Member of the Organising Committee)	ADNGB - Núcleo de Estudantes de Genética e Biotecnologia, Portugal Universidade de Trás-os-Montes e Alto Douro, Portugal
2011/04 - 2012/04	Member of the Organising Committee of "I Palestras de Bioinformática" (2012/02/15 - 2012/02/15) Seminar (Member of the Organising Committee)	ADNGB - Núcleo de Estudantes de Genética e Biotecnologia, Portugal Universidade de Trás-os-Montes e Alto Douro, Portugal

Event participation

	Activity description Type of event	Event name Institution / Organization
2020/11/23 - 2021/01/15	Bioinformatic Methods II covers motif searching, protein-protein interactions, structural bioinformatics, gene expression data analysis, and cis-element predictions.	Bioinformatic Methods II University of Toronto Department of Cell and Systems Biology, Canada Coursera, United States
2020/11/16 - 2021/01/02	Bioinformatic Methods I deals with databases, Blast, multiple sequence alignments, phylogenetics, selection analysis and metagenomics.	Bioinformatic Methods I University of Toronto Department of Cell and Systems Biology, Canada Coursera, United States
2018/02/21 - 2018/02/21	Participation in a Round Table entitled "Divulgação e Saídas Profissionais de Genética Molecular, Comparativa e Tecnológica", in order to discuss career opportunities. Round table	Divulgação e Saídas Profissionais de Genética Molecular, Comparativa e Tecnológica Universidade de Trás-os-Montes e Alto Douro Departamento de Genética e Biotecnologia, Portugal
2015/06/29 - 2015/08/23	Certificate in Epigenetic Control of Gene Expression. This course will give an introduction to the fundamentals of epigenetic control: examine epigenetic phenomena and the interplay between epigenetic control and the environment and finally the role of aberrant epigenetic control in disease. Other	Epigenetic Control of Gene Expression The University of Melbourne, Australia Coursera, United States
2015/07 - 2015/07	Participation in UTAD Junior 2015, namely in the activity entitled "Porque somos parecidos com os nossos pais? Vem saber a resposta!" by Department of Genetics & Biotechnology / School of Life and Environmental Sciences Workshop	UTAD Junior 2015 Universidade de Trás-os-Montes e Alto Douro, Portugal

2014/10/06 - 2014/12/30	<p>Certificate in Bioinformatics: Introduction and Methods. This MOOC covered the underlying algorithms starting from simple sequence alignment and sequence search, and move on to genome alignment, next-generation sequencing data analysis, and molecular pathway identification.</p> <p>Other</p>	<p>Bioinformatics: Introduction and Methods</p> <p>Peking University Center for Bioinformatics, China Coursera, United States</p>
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Association member

	Society Organization	Role
2012/04 - 2013/04	ADNGB - Núcleo de Estudantes de Genética e Biotecnologia	Treasurer
2011/04 - 2012/04	ADNGB - Núcleo de Estudantes de Genética e Biotecnologia	Member

Journal scientific committee

	Journal title (ISSN)	Publisher
2019/07 - Current	Veterinary and Animal Science (2451-943X)	Elsevier
2019/05 - Current	Medical Science Monitor (1643-3750)	"International Scientific Information, Inc."
2019/05 - Current	Meta Gene (2214-5400)	Elsevier