Curriculum Vitae

Ana Catarina Beco Pinto Reis

Catarina Pinto Reis got the PhD degree in Pharmacy (Pharmaceutical Technology) since 2008/03/28 (Universidade de Coimbra, Faculdade de Farmácia). The Master Degree in Pharmaceutical Sciences was obtained from the same university. She is currently Assistant Professor at Faculty of Pharmacy (University of Lisbon) with Habilitation (2022) in Pharmaceutical Technology, Faculty of Pharmacy, University of Lisbon, Lisbon, Portugal. She is Researcher at iMed.Ulisboa and IBEB-FCUL. She also collaborates with DREAMS from ULHT. She is also PK assessor at INFARMED (national regulatory agency for medicines). She published more than 118 articles in journals (Indexed Scopus), 18 book(s) and 4 patents (one conceded). She has more than 3710 citations (h-index 28). She made 36 invited oral communications. She presented more than 38 oral communications and more than 210 posters in international meetings. She has received 24 awards and/or honors. She supervised 15 PhD thesis (8 of them already finished, 4 as main supervisor) and 50 master theses. In her professional activities, she interacted with 331 collaborator(s) co-authorship of scientific papers. In her curriculum Ciência Vitae, the most frequent terms in the context of scientific, technological and artistic-cultural output are: Nanotechnology and Nanomedicine, Drug absorption, Biopharmaceuticals, Pharmaceutical Technology, Development of new drug delivery systems, Theranostics, Therapeutic polymers for drug delivery, Methods of micro- and nanoencapsulation of drugs, Food supplements and cosmetics, Drug dissolution, Absorption/Metabolism/Elimination studies, Targeted therapies, In vivo efficacy and safety assessments using animal models, Pre-clinical toxicity assessment, Regulatory affairs, Medical Devices, cosmetics, etc. She is a member of COST action 19140 (Vice-chair of STSM Committee), 15216 and 18125, participant in WG in COST action 17140 and member of Committee of STSM of WG4 of the last COST action.

Identification

Personal identification

Full name
Ana Catarina Beco Pinto Reis

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www.imed.ulisboa.pt / www.ff.ul.pt (Professional)
https://ibeb.ciencias.ulisboa.pt/pt/ (Professional)

Knowledge fields

Medical and Health Sciences - Basic Medicine - Pharmacology and pharmacy

Languages

Language	Speaking	Reading	Writing	Listening	Peer-review
Portuguese (Mother tongue)					
English	Intermediate (B1)	Advanced (C1)	Advanced (C1)	Intermediate (B1)	
French	Beginner (A1)	Beginner (A1)			
Spanish; Castilian	Beginner (A1)	Beginner (A1)			

Education

	Degree	Classification
2008/03/28 Concluded	Pharmacy, Pharmaceutical Technology (PhD) (Doutoramento) Universidade de Coimbra Faculdade de Farmácia, Portugal *"Encapsulation of peptidic drugs through emulsification/internal gelation method"* *(THESIS/DISSERTATION)*	Unanimously approved, with Distinction and Honors
2003 Concluded	Licenciatura Ciências Farmacêuticas (Licenciatura) Universidade de Coimbra Faculdade de Farmácia, Portugal	16 valores

Affiliation

Teaching in Higher Education

	Category Host institution/organization	Employer
2017/04/03 - Current	Assistant Professor (University Teacher)	Universidade de Lisboa Faculdade de Farmácia, Portugal
2007/10/01 - 2017/02/28	Assistant Professor (University Teacher)	Universidade Lusófona de Humanidades e Tecnologias, Portugal
2007 - 2016	Teacher Coordinator (Polytechnic Teacher)	Escola Superior de Saúde Ribeiro Sanches, Portugal

Positions / Appointments

	Category Host institution/organization	Employer
2011/03 - 2017/02	Coordenação ou direção de centro de investigação, departamento ou equivalente	Universidade Lusófona de Humanidades e Tecnologias, Portugal
2013 - 2016	Conselho científico/técnico-científico ou orgão correspondente	Universidade Lusófona de Humanidades e Tecnologias, Portugal
2013 - 2016	Conselho científico/técnico-científico ou orgão correspondente	Escola Superior de Saúde Ribeiro Sanches, Portugal
2013 - 2016	Conselho pedagógico	Escola Superior de Saúde Ribeiro Sanches, Portugal

Others

	Category Host institution/organization	Employer
2017/04/03 - Current	Researcher iMedUlisboa	Universidade de Lisboa Faculdade de Farmácia, Portugal

2017/01/07 - Current	PK Assessor (external)	Infarmed Autoridade Nacional do Medicamento e Produtos de Saúde IP, Portugal
2015/01/26 - Current	Member of Research Team (Collaborator)	Faculdade de Ciências, Universidade de Lisboa (IBEB), Portugal
2011/03/01 - 2017/02/28	Researcher and coordinator of the DDS CBIOS - Research Center in Biosciences and Health Technologies, Universidade Lusófona de Humanidades e Tecnologias, Lisboa, Portugal	Universidade Lusófona de Humanidades e Tecnologias, Portugal
2011/02/01 - 2017/02/28	Innovation Director of CBIOS	Universidade Lusófona de Humanidades e Tecnologias, Portugal
2006/05/01 - 2006/05/31	Invited assistant professor of Biopharmacy	Cooperativa de Ensino Superior Politécnico e Universitário, Portugal

Projects

Grant

	Designation	Funders
2021/03/01 - Current	Novas nanoplataformas para tratamento direcionado do melanoma com complexos metálicos derivados de 8-hidroxiquinolina PTDC/QUI-QIN/0586/2020 Co-Pi Universidade de Lisboa Faculdade de Farmácia, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Ongoing
2018/10/01 - 2021/09/30	Nanoformulated hybrid molecules for specific targeting melanoma metastasis PTDC/MED-QUI/31721/2017 Researcher Universidade de Lisboa Faculdade de Farmácia, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Ongoing

2018/09/01 - 2019/09/01	Development of an advanced topical insulin formulation for skin burn regeneration: an experimental approach from fundamental to translational research 2018 Principal investigator	Ongoing

Contract

	Designation	Funders
2021/03/29 - 2024/03/28	Novel nanoplatforms for targeting melanoma with 8-hydroxyquinoline metal complexes PTDC/QUI-QIN/0586/2020 Universidade de Lisboa Centro de Química Estrutural, Portugal Associação do Instituto Superior Técnico para a Investigação e Desenvolvimento, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Ongoing
2018/10/01 - 2022/06/30	NANOFORMULATED HYBRID MOLECULES FOR SPECIFIC TAREGETING MELANOMA METASTASIS PTDC/MED-QUI/31721/2017	Fundação para a Ciência e a Tecnologia, Portugal Ongoing
2018/06/30 - 2021/12/29	Antibiotic coordination frameworks as a way to enhance the bioactivity of the drugs PTDC/QUI-OUT/30988/2017 Researcher Associação do Instituto Superior Técnico para a Investigação e Desenvolvimento, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Concluded
2013/05/01 - 2015/10/31	A novel approach for tumoral targeted phototherapy: focusing light through scattering PTDC/BBB-BMD/0611/2012 Provided by PTCRIS: 125137 Co-Pi Fundação da Faculdade de Ciências da Universidade de Lisboa, Portugal Universidade de Lisboa Instituto de Biofísica e Engenharia Biomédica, Portugal International Iberian Nanotechnology Laboratory, Portugal Associação para a Inovação e Desenvolvimento da FCT, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Fundação para a Ciência e a Tecnologia, Portugal Concluded
2005/09/01 - 2008/08/31	Improvement of insulin oral availability through encapsulation in polyelectrolyte complex nanoparticles POCI/SAU-FCF/59940/2004 Provided by PTCRIS: 59940	Fundação para a Ciência e a Tecnologia, Portugal Fundação para a Ciência e a Tecnologia,

	Instituto Universitário de Ciências da Saúde, Portugal Cooperativa de Ensino Superior Politécnico e Universitário, Portugal Universidade de Coimbra, Portugal	Concluded
2003/10/01 - 2007/09/30	ENCAPSULATION OF PEDTIDIC DRUGS BY EMULSIFICATION / INTERNAL GELATION SFRH/BD/13673/2003 Universidade de Coimbra, Portugal	Fundação para a Ciência e a Tecnologia, Portugal Concluded

Outputs

Publications

Book chapter

1 Costa, Eduardo; Sousa, Alexandra; Cabrita, A. Silvério; Reis, Catarina P.; Figueiredo, Isabel V.. "A new approach for cancer treatment: from specific induction of breast cancer to innovative gold-nanoparticle mediated thermal therapies". In *Nanomedicines for Breast Cancer Theranostics*, 269-298. Elsevier, 2020.

Published • 10.1016/b978-0-12-820016-2.00012-4

2 Reis, Catarina. "Natural products and nanopharmaceuticals". In *Nanopharmaceuticals: Principles and Applications*. Springer, 2020.

Accepted

3 Reis, Catarina. "An overview on ionic liquids: A new frontier for nanopharmaceuticals". In *Nanopharmaceuticals: Principles and Applications*. Springer, 2020.

Accepted

4 Reis, Catarina. "Therapeutic implications of nanopharmaceuticals in skin delivery". In *Nanopharmaceuticals: Principles and Applications*. Springer, 2020.

Accepted

5 Reis, Catarina. "Natural-based consumer health nanoproducts: medicines, cosmetics, and food supplements". 2020.

10.1016/b978-0-12-816787-8.00019-3

6 Reis, Catarina. "Natural-based Consumer Health Nano Products: Medicines, Cosmetics and Food Supplements". In *Handbook of Functionalized Nanomaterials*. InTech, 2019.

Published

7 Pinto Reis, Catarina; Neufeld, Ronald J.; Veiga, Francisco; Ribeiro, Antonio J.; Reis, C.P.; Neufeld, R.J.; Veiga, F.; Ribeirod, A.J.. "Preparation of Drug-Loaded Polymeric Nanoparticles". In *Nanomedicine in Cancer*, 171-214. Pan Stanford, 2017.

10.1201/b22358-7

8 Matias, D.; Bessa, C.; Fátima Simões, M.; Reis, C.P.; Saraiva, L.; Rijo, P.; Diogo Matias; et al. "Natural Products as Lead Protein Kinase C Modulators for Cancer Therapy". 2016.

10.1016/B978-0-444-63749-9.00002-5

9 Reis, Catarina. "Challenges and progresses in nanotechnology for melanoma prevention and treatment". In *CRC Concise Encyclopedia of Nanotechnology*. CRC Press, 2016.

10 Gabriel, A.; Machado, J.; Gomes, R.; Coelho, J. M. P.; Silva, C. O.; Reis, C. P.; Santos, J. P.; Vieira, P.. "Concentrated photoactivation: focusing light through scattering". 1727-1730. 2015.

10.1007/978-3-319-19387-8_419

11 Gomes, R.; Coelho, J. M. P.; Gabriel, A.; Vieira, P.; Silva, C. O.; Reis, C.; Coelho, J.M. P.; Oliveira Silva, C.. "Wavefront shaping using a deformable mirror for focusing inside optical tissue phantoms". edited by Costa, Mfpcm; Nogueira, R. N.. 2014.

92863z10.1117/12.2063539

12 Silva, Catarina Oliveira; Sarmento, Bruno; Reis, Catarina Pinto; Silva, C.O.; Sarmento, B.; Reis, C.P.. "Oral Delivery of Biopharmaceuticals". In *Mucosal Delivery of Biopharmaceuticals*, 125-147. Springer US, 2014.

10.1007/978-1-4614-9524-6_5

13 Reis, Catarina. "Drug Nanocarriers based on Biomacromolecules: how far we've come?". In *Book Nanotechnology*. USA: Studium Press LLC, 2014.

14 Catarina Pinto Reis; Ronald J. Neufeld; Francisco Veiga; Antóonio J. Ribeiro; Reis, Catarina; Nuno Ramalhete; Manuel Fitas. "Lectin-coated macromolecule delivery systems for oral administration". In *Advances and challenges in oral delivery of macromolecules*. United Kingdom: Future Science Group, 2013.

Published • 10.1201/9781315114361-8

15 Reis, Catarina. "Nanotechnology for oral drug delivery and targeting". In *Nanotechnology and Drug Delivery*. CRC Press, 2012.

16 Reis, C.P.; Damgé, C.. "Nanotechnology as a promising strategy for alternative routes of insulin delivery". 2012.

10.1016/B978-0-12-391860-4.00014-8

17 Reis, C. P.; Damge, C.. "NANOTECHNOLOGY AS A PROMISING STRATEGY FOR ALTERNATIVE ROUTES OF INSULIN DELIVERY". edited by Duzgunes, N., 271-294. 2012.

10.1016/b978-0-12-391860-4.00014-8

18 Reis, Catarina. "Insulin delivery systems: design innovation". In *The Bioartificial Pancreas and Other Biohybrid Therapies*, 557-585. 2009.

Published

19 Reis, Catarina. "Micro- e Nanopartículas Biomacromoleculares (Polissacarídicas, Proteicas e Peptídicas)". In *Novas Formas Farmacêuticas Para Administração de Fármacos*. 2009.

Published

Conference paper	1	Lopes, A.; Gabriel, A.; Machado, J.; Ribeiro, P.; Gomes, R.; Coelho, J.M.P.; Silva, C. O.; et al. "Multiple source phototherapy in breast cancer: A viability study". 2016.
Conference poster	1	Ntungwe Epole; Joana Marçalo A; Catarina Garcia A; Catarina Reis A; Catarina Teodósio A; Carolina Oliveira A; Cláudia Oliveira A; Amílcar Roberto A; Patrícia Rijo A. "Biological activity screening of seven Plectranthus species: anticancer lead molecule search". 2017. 10.13140/rg.2.2.14108.39046
	2	Joana Marçalo; Marisa Nicolai; Catarina Reis; Catarina Garcia; Célia Faustino; Carlos Afonso; Gian Maria Fimia; Patrícia Rijo. "Halimane diterpenoids from Plectranthus ornatus as potential anti-tubercular drugs". 2017. 10.13140/rg.2.2.10836.50562/2
	3	Ana Henriques Mota; Catarina Silva; Marisa Nicolai; Catarina Gonçalves Garcia; L. Ascensao; André Baby; Lidia Palma; Patrícia Rijo; Catarina Pinto Reis. "Novel topical formulation with olive oil as natural functional active". 2017. 10.13140/rg.2.2.12448.69129
	4	Ana Henriques Mota; Patrícia Rijo; Jesus Molpeceres; L Ascensao; António José Almeida; Catarina Reis. "Polymeric nanoparticles as potential skin delivery systems". 2017. 10.13140/rg.2.2.12126.74562
	5	Ana Henriques Mota; Patricia Rijo; Jesus Molpeceres; L. Ascensão; Catarina Pinto Reis. "Nanocarriers as potential delivery systems for cosmetics". 2016. 10.13140/rg.2.2.22089.34404
	6	Ana Henriques Mota; Lia Ascensão; Marisa Nicolai; Patrícia Rijo; Catarina Pinto Reis. "Submicron particles of hyaluronic acid for treatment of osteoarthritis". 2013. 10.13140/rg.2.2.24605.92648
Journal article	1	Íris Neto; João Rocha; Maria Manuela Gaspar; Catarina P. Reis. "Experimental Murine Models for Colorectal Cancer Research". *Cancers* (2023): https://doi.org/10.3390/cancers15092570. 10.3390/cancers15092570
	2	Lopes, Joana; Tânia Ferreira-Gonçalves; Lia Ascensão; Ana S. Viana; Lina Carvalho; José Catarino; Pedro Faísca; et al. "Safety of Gold Nanoparticles: From In Vitro to In Vivo Testing Array Checklist". *Pharmaceutics* (2023): https://doi.org/10.3390/pharmaceutics15041120
	3	Nuno Cruz; Manuel Herculano-Carvalho; Diogo Roque; Cláudia C. Faria; Rita Cascão; Hugo Alexandre Ferreira; Nuno Matela; Catarina Pinto Reis. "Highlighted Advances in Therapies for Difficult-To-Treat Brain Tumours Such as Glioblastoma". *Pharmaceutics* (2023): https://www.mdpi.com/1999-4923/15/3/928. https://doi.org/10.3390/pharmaceutics15030928
	4	Mariana Coelho; Ana Patrícia Duarte; Sofia Pinto; Hugo M. Botelho; Catarina Pinto Reis; Maria Luísa Serralheiro; Rita Pacheco. "Edible Seaweeds Extracts: Characterization and Functional Properties for Health Conditions". *Antioxidants* (2023): https://doi.org/10.3390/antiox12030684. 10.3390/antiox12030684

5 Sara Fonseca; Mariana Neves Amaral; Catarina Pinto Reis; Luísa Custódio. "Marine Natural Products as Innovative Cosmetic Ingredients". *Marine Drugs* (2023): https://doi.org/10.3390/md21030170.

10.3390/md21030170

6 Pedro Francisco; Mariana Neves Amaral; Afonso Neves; Tânia Ferreira-Gonçalves; Ana S. Viana; José Catarino; Pedro Faísca; et al. "Pluronic® F127 Hydrogel Containing Silver Nanoparticles in Skin Burn Regeneration: An Experimental Approach from Fundamental to Translational Research". *Gels* (2023): https://www.mdpi.com/2310-2861/9/3/200.

10.3390/gels9030200

7 Mariana Neves Amaral; Pedro Faísca; Hugo Alexandre Ferreira; Maria Manuela Gaspar; Catarina Pinto Reis. "Current Insights and Progress in the Clinical Management of Head and Neck Cancer". *Cancers* (2022): https://doi.org/10.3390/cancers14246079.

10.3390/cancers14246079

8 Nádia Ribeiro; Pedro Franco Farinha; Jacinta O. Pinho; Hugo Luiz; János P. Mészáros; Adelino Galvão; João Costa Pessoa; et al. "Metal Coordination and Biological Screening of a Schiff Base Derived from 8-Hydroxyquinoline and Benzothiazole". *Pharmaceutics* 14 12 (2022): 2583-2583. http://dx.doi.org/10.3390/pharmaceutics14122583.

10.3390/pharmaceutics14122583

9 Sofia Pinto; Maria Manuela Gaspar; Lia Ascensão; Pedro Faísca; Catarina Pinto Reis; Rita Pacheco. "Nanoformulation of Seaweed Eisenia bicyclis in Albumin Nanoparticles Targeting Cardiovascular Diseases: In Vitro and In Vivo Evaluation". *Marine Drugs* (2022): https://doi.org/10.3390/md20100608.

10.3390/md20100608

10 Joana Lopes; Cecília M. P. Rodrigues; Maria Manuela Gaspar; Catarina Pinto Reis. "Melanoma Management: From Epidemiology to Treatment and Latest Advances". *Cancers* (2022): https://doi.org/10.3390/cancers14194652.

10.3390/cancers14194652

11 Joana Lopes; Cecília M. P. Rodrigues; Maria Manuela Gaspar; Catarina Pinto Reis. "How to Treat Melanoma? The Current Status of Innovative Nanotechnological Strategies and the Role of Minimally Invasive Approaches like PTT and PDT". *Pharmaceutics* (2022): https://doi.org/10.3390/pharmaceutics14091817.

10.3390/pharmaceutics14091817

12 Catarina Pinto Reis. "Biological Thermal Performance of Organic and Inorganic Aerogels as Patches for Photothermal Therapy". *Gels* (2022): http://dx.doi.org/10.3390/gels8080485.

10.3390/gels8080485

13 Nádia Ribeiro; Melissa Albino; Andreia Ferreira; Cristina Escrevente; Duarte C. Barral; João Costa Pessoa; Catarina Pinto Reis; Maria Manuela Gaspar; Isabel Correia. "Liposomal Formulations of a New Zinc(II) Complex Exhibiting High Therapeutic Potential in a Murine Colon Cancer Model". *International Journal of Molecular Sciences* (2022): https://doi.org/10.3390/ijms23126728.

10.3390/ijms23126728

14 "New iron(III) anti-cancer aminobisphenolate/phenanthroline complexes: enhancing their therapeutic potential using nanoliposomes". *International Journal of Pharmaceutics* (2022): 121925-121925. http://dx.doi.org/10.1016/j.ijpharm.2022.121925.

10.1016/j.ijpharm.2022.121925

15 Tânia Ferreira-Gonçalves; Maria Manuela Gaspar; João M. P. Coelho; Vanda Marques; Ana S. Viana; Lia Ascensão; Lina Carvalho; et al. "The Role of Rosmarinic Acid on the Bioproduction of Gold Nanoparticles as Part of a Photothermal Approach for Breast Cancer Treatment". *Biomolecules* (2022): https://www.mdpi.com/2218-273X/12/1/71.

10.3390/biom12010071

16 Garcia, Catarina; Bernardes, Carlos E. S.; Piedade, M. Fatima M.; Fumagalli, Gaia; Colombo, Eleonora; Diaz-Lanza, Ana M.; Reis, Catarina P.; et al. "Dehydroroyleanone as a Building Block for a Drug Delivery Platform Based on Self-Assembled Nanoparticles: Structural Studies and Chemical Modification". *ACS Omega* (2022): https://publons.com/wos-op/publon/55048528/.

10.1021/ACSOMEGA.2C05353

17 Pedro Farinha; João M. P. Coelho; Catarina Pinto Reis; Maria Manuela Gaspar. "A Comprehensive Updated Review on Magnetic Nanoparticles in Diagnostics". *Nanomaterials* (2021): https://doi.org/10.3390/nano11123432.

10.3390/nano11123432

18 Maria João Rodrigues; Viana Castañeda-Loaiza; Ivo Monteiro; José Pinela; Lillian Barros; Rui M. V. Abreu; Maria Conceição Oliveira; et al. "Metabolomic Profile and Biological Properties of Sea Lavender (Limonium algarvense Erben) Plants Cultivated with Aquaculture Wastewaters: Implications for Its Use in Herbal Formulations and Food Additives". *Foods* (2021): https://doi.org/10.3390/foods10123104.

10.3390/foods10123104

19 Tânia Ferreira-Gonçalves; David Ferreira; Hugo A Ferreira; Catarina P Reis. "Nanogold-based materials in medicine: from their origins to their future". *Nanomedicine* (2021): https://doi.org/10.2217/nnm-2021-0265.

10.2217/nnm-2021-0265

20 Reis, Catarina. "Safety and efficacy assessment of aerogels for biomedical applications". *Biomedicine & Pharmacotherapy* 144 (2021): 112356-112356. http://dx.doi.org/10.1016/j.biopha.2021.112356.

10.1016/j.biopha.2021.112356

21 Mariana Matias; Jacinta O. Pinho; Maria João Penetra; Gonçalo Campos; Catarina Pinto Reis; Maria Manuela Gaspar. "The Challenging Melanoma Landscape: From Early Drug Discovery to Clinical Approval". *Cells* 10 11 (2021): 3088-3088. https://doi.org/10.3390/cells10113088.

10.3390/cells10113088

22 Catarina Pinto Reis. "The latest developments in the area of therapeutic delivery excluding some diseases, such as COVID-19 and the big three (HIV/AID, malaria and tuberculosis)". *Therapeutic Delivery* (2021): https://doi.org/10.4155/tde-2021-0066.

10.4155/tde-2021-0066

23 Reis, Catarina. "Noncovalent Interactions with PAMAM and PPI Dendrimers Promote the Cellular Uptake and Photodynamic Activity of Rose Bengal: The Role of the Dendrimer Structure". *Journal of Medicinal Chemistry* (2021): http://dx.doi.org/10.1021/acs.jmedchem.1c01080.

10.1021/acs.jmedchem.1c01080

24 Epole Ntungwe; Eva María Domínguez-Martín; Gabrielle Bangay; Catarina Garcia; Iris Guerreiro; Eleonora Colombo; Lucília Saraiva; et al. "Self-Assembly Nanoparticles of Natural Bioactive Abietane Diterpenes". *International Journal of Molecular Sciences* (2021): https://www.mdpi.com/1422-0067/22/19/10210.

10.3390/ijms221910210

25 Rute Pinelo; Luís Roque; Catarina Pinto Reis. "Oral insulin delivery: utopia, currently possible or a near reality?". *Therapeutic Delivery* (2021): https://doi.org/10.4155/tde-2021-0021.

10.4155/tde-2021-0021

26 Iris Neto; Eva María Domínguez-Martín; Epole Ntungwe; Catarina P. Reis; Milica Pesic; Célia Faustino; Patrícia Rijo. "Dehydroabietic Acid Microencapsulation Potential as Biofilm-Mediated Infections Treatment". *Pharmaceutics* 13 6 (2021): 825-825. https://doi.org/10.3390/pharmaceutics13060825.

10.3390/pharmaceutics13060825

27 Reis, Catarina. "A Newfangled Collagenase Inhibitor Topical Formulation Based on Ethosomes with Sambucus nigra L. Extract". *Pharmaceuticals* 14 5 (2021): 467-467. http://dx.doi.org/10.3390/ph14050467.

10.3390/ph14050467

28 Maria Quitério; Sandra Simões; Andreia Ascenso; Manuela Carvalheiro; P Leandro; Isabel Correia; Ana S. Viana; et al. "Development of a Topical Insulin Polymeric Nanoformulation for Skin Burn Regeneration: An Experimental Approach". *International Journal of Molecular Sciences* (2021): https://www.mdpi.com/1422-0067/22/8/4087.

10.3390/ijms22084087

29 Mariana Amaral; Adília J. Charmier; Ricardo A. Afonso; José Catarino; Pedro Faísca; Lina Carvalho; Lia Ascensão; et al. "Gold-Based Nanoplataform for the Treatment of Anaplastic Thyroid Carcinoma: A Step Forward". *Cancers* 13 6 (2021): 1242-1242. https://doi.org/10.3390/cancers13061242.

10.3390/cancers13061242

30 Joana Lopes; Tânia Ferreira-Gonçalves; Isabel V. Figueiredo; Rodrigues CMP; Hugo Ferreira; David Alves Ferreira; Ana S. Viana; et al. "Proof-of-Concept Study of Multifunctional Hybrid Nanoparticle System Combined with NIR Laser Irradiation for the Treatment of Melanoma". *Biomolecules* (2021): https://www.mdpi.com/2218-273X/11/4/511.

10.3390/biom11040511

31 Mariana Amaral; Ana B Pereiro; Maria Manuela Gaspar; Catarina Pinto Reis. "Recent advances in ionic liquids and nanotechnology for drug delivery". *Nanomedicine* (2021): https://doi.org/10.2217/nnm-2020-0340.

10.2217/nnm-2020-0340

32 Reis, Catarina. "An update of advanced nanoplatforms for glioblastoma multiforme management". *EXCLI Journal; 20:Doc1544; ISSN 1611-2156* (2021): https://www.excli.de/index.php/excli/article/view/4393.

10.17179/EXCLI2021-4393

33 Mota, Ana Henriques; Prazeres, Inês; Mestre, Henrique; Bento-Silva, Andreia; Rodrigues, Maria Joao; Duarte, Noélia; Serra, Ana Teresa; et al. "A newfangled collagenase inhibitor topical formulation based on Ethosomes with Sambucus nigra L. Extract". (2021): http://hdl.handle.net/10400.1/15502.

10.3390/ph14050467

34 Amaral, Mariana; Charmier, Adília J.; Afonso, Ricardo A.; Catarino, José; Faísca, Pedro; Carvalho, Lina; Ascensão, Lia; et al. "Gold-based nanoplataform for the treatment of anaplastic thyroid carcinoma". (2021): http://hdl.handle.net/10362/114452.

https://doi.org/10.3390/cancers13061242

35 Eduardo Costa; Tânia Ferreira-Gonçalves; Miguel Cardoso; João M. P. Coelho; Maria Manuela Gaspar; Pedro Faísca; Lia Ascensão; et al. "A Step Forward in Breast Cancer Research: From a Natural-Like Experimental Model to a Preliminary Photothermal Approach". *International Journal of Molecular*

Sciences 21 24 (2020): 9681-9681. https://doi.org/10.3390/ijms21249681.

10.3390/ijms21249681

36 Ana Henriques Mota; Duarte, N; Ana Teresa Serra; António Ferreira; MR Bronze; Custódio L; Maria Manuela Gaspar; et al. "Further Evidence of Possible Therapeutic Uses of *Sambucus nigra* L. Extracts by the Assessment of the In Vitro and In Vivo Anti-Inflammatory Properties of Its PLGA and PCL-Based Nanoformulations". *Pharmaceutics* (2020): https://www.mdpi.com/1999-4923/12/12/1181.

10.3390/pharmaceutics12121181

37 Reis, Catarina. "Targeted delivery in scleroderma fibrosis". *Autoimmunity Reviews* (2020): 102730-102730. http://dx.doi.org/10.1016/j.autrev.2020.102730.

10.1016/j.autrev.2020.102730

38 Reis, Catarina. "Royleanone Derivatives From Plectranthus spp. as a Novel Class of P-Glycoprotein Inhibitors". *Frontiers in Pharmacology* 11 (2020): http://dx.doi.org/10.3389/fphar.2020.557789.

10.3389/fphar.2020.557789

39 Reis, Catarina; Mota, Ana Henriques; Andrade, Joana M.; Rodrigues, Maria Joao; Custódio, Luísa; Bronze, Maria Rosario; Duarte, Noelia; et al. "Synchronous insight of in vitro and in vivo biological activities of Sambucus nigra L. extracts for industrial uses". *Industrial Crops and Products* (2020): http://dx.doi.org/10.1016/j.indcrop.2020.112709.

10.1016/j.indcrop.2020.112709

40 Reis, Catarina. "Nanomaterials in wound healing: From material sciences to wound healing applications". *Nanoselect* (2020):

10.1002/nano.202000055

41 Joana Lopes; João Miguel Pinto Coelho; Pedro Manuel Cardoso Vieira; Ana Silveira Viana; Maria Manuela Gaspar; Catarina Reis. "Preliminary Assays towards Melanoma Cells Using Phototherapy with Gold-Based Nanomaterials". *Nanomaterials* 10 8 (2020): 1536-1536. https://doi.org/10.3390/nano10081536.

10.3390/nano10081536

42 Eduardo Costa; Tânia Ferreira-Gonçalves; Gonçalo Chasqueira; António S. Cabrita; Isabel V. Figueiredo; Catarina Pinto Reis. "Experimental Models as Refined Translational Tools for Breast Cancer Research". *Scientia Pharmaceutica* 88 3 (2020): 32-32. https://doi.org/10.3390/scipharm88030032.

10.3390/scipharm88030032

43 Filipe Pereira; Teresa Figueiredo; Rodrigo F. M. de Almeida; Catarina A. C. Antunes; Catarina Garcia; Catarina P. Reis; Lia Ascensão; Rita G. Sobral; Patricia Rijo. "Unveiling the Mechanism of Action of 7a-acetoxy-6ß-hydroxyroyleanone on an MRSA/VISA Strain: Membrane and Cell Wall Interactions". *Biomolecules* (2020): https://doi.org/10.3390/biom10070983.

10.3390/biom10070983

44 Marisa Nicolai; Joana Mota; Ana S. Fernandes; Filipe Pereira; Paula Pereira; Catarina P. Reis; Maria Valéria Robles Velasco; et al. "Assessment of the Potential Skin Application of Plectranthus ecklonii Benth.". *Pharmaceuticals* (2020): https://doi.org/10.3390/ph13060120.

10.3390/ph13060120

45 Nuno Cruz; Jacinta Oliveira Pinho; Graça Soveral; Lia Ascensão; Nuno Matela; Catarina Reis; Maria Manuela Gaspar. "A Novel Hybrid Nanosystem Integrating Cytotoxic and Magnetic Properties as a Tool to Potentiate Melanoma Therapy". *Nanomaterials* 10 4 (2020): 693-693. https://doi.org/10.3390/nano10040693.

10.3390/nano10040693

46 André Oliveira; Sandra Simões; Andreia Ascenso; Catarina Pinto Reis. "Therapeutic advances in wound healing". *Journal of Dermatological Treatment* (2020): 1-21. https://doi.org/10.1080/09546634.2020.1730296.

10.1080/09546634.2020.1730296

47 Viana Castañeda-Loaiza; Chloé Placines; Maria João Rodrigues; Catarina Pereira; Gokhan Zengin; Ahmet Uysal; József Jeko; et al. "If you cannot beat them, join them: Exploring the fruits of the invasive species Carpobrotus edulis (L.) N.E. Br as a source of bioactive products". *Industrial Crops and Products* 144 (2020): 112005-112005. https://doi.org/10.1016/j.indcrop.2019.112005.

10.1016/j.indcrop.2019.112005

48 Reis, Catarina. "Green Extraction of Sambucus nigra L. for Potential Application in Skin Nanocarriers". *Green Materials* (2020): http://dx.doi.org/10.1680/jgrma.18.00074.

10.1680/jgrma.18.00074

49 Nuno Saraiva; João G. Costa; Catarina Reis; Nuno Almeida; Patrícia Rijo; Ana Sofia Fernandes. "Anti-Migratory and Pro-Apoptotic Properties of Parvifloron D on Triple-Negative Breast Cancer Cells". *Biomolecules* 10 1 (2020): 158-158. https://doi.org/10.3390/biom10010158.

10.3390/biom10010158

50 Reis, Catarina. "Growth performance, in vitro antioxidant properties and chemical composition of the halophyte Limonium algarvense Erben are strongly influenced by the irrigation salinity". *Industrial Crops and Products* (2020): http://dx.doi.org/10.1016/j.indcrop.2019.111930.

10.1016/j.indcrop.2019.111930

51 Macedo, Ana S.; Castro, Pedro M.; Roque, Luís; Thomé, Natália G.; Reis, Catarina P.; Pintado, Maria Manuela; Fonte, Pedro; Reis, Catarina. "Novel and revisited approaches in nanoparticle systems for buccal drug delivery". *Journal of Controlled Release* (2020): http://hdl.handle.net/10400.14/29233.

10.1016/j.jconrel.2020.01.006

52 Reis, Catarina; Amaral, Mariana; Afonso, Ricardo A.; Gaspar, M. Manuela; Reis, Catarina Pinto; Amaral M; Afonso RA; Gaspar MM; Reis CP. "Anaplastic thyroid cancer: How far can we go?". *EXCLI Journal; 19:Doc800; ISSN 1611-2156* (2020): https://www.excli.de/vol19/excli2020-2257.pdf.

10.17179/EXCLI2020-2257

53 Lopes, Joana; Coelho, João Miguel Pinto; Vieira, Pedro Manuel Cardoso; Viana, Ana Silveira; Gaspar, Maria Manuela; Reis, Catarina Pinto. "Preliminary assays towards melanoma cells using phototherapy with gold-based nanomaterials". (2020): http://hdl.handle.net/10362/121083.

https://doi.org/10.3390/nano10081536

54 Amaral, Mariana; Martins, Ana Sofia; Catarino, José; Faísca, Pedro; Kumar, Pradeep; Pinto, João F.; Pinto, Rui; et al. "How can biomolecules improve mucoadhesion of oral insulin? A comprehensive insight using ex-vivo, in silico, and in vivo models". *Biomolecules* 10 5 (2020): 675. http://hdl.handle.net/10362/97933.

https://doi.org/10.3390/biom10050675

55 Mota, Ana Henriques; Duarte, Noélia; Serra, Ana Teresa; Ferreira, António; Bronze, Maria Rosário; Custódio, Luísa; Gaspar, Maria Manuela; et al. "Further evidence of possible therapeutic uses of Sambucus nigra L. extracts by the assessment of the In Vitro and In Vivo anti-inflammatory properties of Its PLGA

and PCL-Based Nanoformulations". (2020): http://hdl.handle.net/10400.1/14961.

10.3390/pharmaceutics12121181

56 Reis, Catarina. "Development and Mechanistic Insight into the Enhanced Cytotoxic Potential of Parvifloron D Albumin Nanoparticles in EGFR-Overexpressing Pancreatic Cancer Cells". *Cancers* (2019): http://dx.doi.org/10.3390/cancers111111733.

10.3390/cancers11111733

57 Catarina Garcia; Epole Ntungwe; Ana Rebelo; Cláudia Bessa; Tijana Stankovic; Jelena Dinic; Ana Díaz-Lanza; et al. "Parvifloron D from Plectranthus strigosus: Cytotoxicity Screening of Plectranthus spp. Extracts". *Biomolecules* 9 10 (2019): 616-616. https://doi.org/10.3390/biom9100616.

10.3390/biom9100616

58 Reis, Catarina. "Optimization of nanostructured lipid carriers loaded with retinoids by central composite design". *Journal of Molecular Liquids* (2019): http://dx.doi.org/10.1016/j.molliq.2019.111468.

10.1016/j.molliq.2019.111468

59 Catarina P Reis. "An industry update in therapeutics: what is the latest news?". *Therapeutic Delivery* (2019): https://doi.org/10.4155/tde-2019-0026.

10.4155/tde-2019-0026

60 Rosa Direito; Catarina Reis; Luís Roque; Margarida Gonçalves; Ana Sanches-Silva; Maria Manuela Gaspar; Rui Pinto; et al. "Phytosomes with Persimmon (Diospyros kaki L.) Extract: Preparation and Preliminary Demonstration of In Vivo Tolerability". *Pharmaceutics* (2019): https://doi.org/10.3390/pharmaceutics11060296.

10.3390/pharmaceutics11060296

61 Reis, Catarina. "Cytotoxic Activity of Royleanone Diterpenes from Plectranthus madagascariensis Benth". (2019): http://dx.doi.org/10.1021/acsomega.9b00512.

10.1021/acsomega.9b00512

62 Reis, Catarina. "Comparison Study of Different Extracts of Plectranthus madagascariensis, P. neochilus and the Rare P. porcatus (Lamiaceae): Chemical Characterization, Antioxidant, Antimicrobial and Cytotoxic Activities". *Biomolecules* (2019): http://dx.doi.org/10.3390/biom9050179.

10.3390/biom9050179

63 Catarina Silva; Jacinta Pinho; Joana Lopes; António Almeida; Maria Gaspar; Catarina Reis. "Current Trends in Cancer Nanotheranostics: Metallic, Polymeric, and Lipid-Based Systems". *Pharmaceutics* (2019): https://doi.org/10.3390/pharmaceutics11010022.

10.3390/pharmaceutics11010022

64 Ana Henriques Mota; Rosa Direito; Marta P. Carrasco; Patrícia Rijo; Lia Ascensão; Ana Silveira Viana; João Rocha; et al. "Combination of Hyaluronic Acid and PLGA Particles as Hybrid Systems for Viscosupplementation in Osteoarthritis". *International Journal of Pharmaceutics* (2019): https://doi.org/10.1016%2Fj.ijpharm.2019.01.017.

10.1016/j.ijpharm.2019.01.017

65 Catarina Garcia; Catarina Teodosio; Carolina Oliveira; Claudia Oliveira; Ana Diaz-Lanza; Catarina Reis; N Duarte; Patricia Rijo. "Naturally occurring Plectranthus-derived diterpenes with antitumoral activities". *Current Pharmaceutical Design* 25 (2019): https://doi.org/10.2174%2F1381612825666190115144241.

10.2174/1381612825666190115144241

66 Ana Santos-Rebelo; Catarina Garcia; Carla Eleutério; Ana Bastos; Sílvia Castro Coelho; Manuel A. N. Coelho; Jesús Molpeceres; et al. "Development of Parvifloron D-loaded Smart Nanoparticles to Target Pancreatic Cancer". *Pharmaceutics* 10 4 (2018): 216-216. https://doi.org/10.3390%2Fpharmaceutics10040216.

10.3390/pharmaceutics10040216

67 Roque, Luís; Duarte, Noélia; Bronze, Maria Rosário; Garcia, Catarina; Alopaeus, Julia; Molpeceres, Jesus; Hagesaether, Ellen; et al. "Development of a bioadhesive nanoformulation with Glycyrrhiza glabra L. extract against Candida albicans". *Biofouling* (2018): 1-13. http://dx.doi.org/10.1080/08927014.2018.1514391.

10.1080/08927014.2018.1514391

68 Ana Rebelo; Catarina Reis. "Emerging therapeutic nanotechnologies in pancreatic cancer: advances, risks and challenges". *Therapeutic Delivery* 9 10 (2018): 691-694. https://doi.org/10.4155%2Ftde-2018-0048.

10.4155/tde-2018-0048

69 L Roque; J Alopaeus; Claudia Reis; P Rijo; J Molpeceres; E Hagesaether; I Tho; Catarina Reis. "Mucoadhesive assessment of different antifungal nanoformulations". *Bioinspiration & Biomimetics* (2018): https://doi.org/10.1088/1748-3190/aad488.

10.1088/1748-3190/aad488

70 Luís Roque; Pedro Castro; Jesús Molpeceres; Ana S. Viana; Amílcar Roberto; Cláudia Reis; Patrícia Rijo; et al. "Bioadhesive polymeric nanoparticles as strategy to improve the treatment of yeast infections in oral cavity: in-vitro and ex-vivo studies". *European Polymer Journal* 104 (2018): 19-31. https://doi.org/10.1016/j.eurpolymj.2018.04.032.

10.1016/j.eurpolymj.2018.04.032

71 Catarina Pinto Reis. "An industry update: what is the latest news in the therapeutic delivery field?". *Therapeutic Delivery* 9 5 (2018): 325-332. https://doi.org/10.4155%2Ftde-2018-0003.

10.4155/tde-2018-0003

72 Catarina Garcia; Catarina Oliveira Silva; Carlos M Monteiro; Marisa Nicolai; Ana Viana; Joana M Andrade; Isabel Barasoain; et al. "Anticancer properties of the abietane diterpene 6,7-dehydroroyleanone obtained by optimized extraction". *Future Medicinal Chemistry* 10 10 (2018): 1177-1189. https://doi.org/10.4155%2Ffmc-2017-0239.

10.4155/fmc-2017-0239

73 José Coelho; Jerson Veiga; Amin Karmali; Marisa Nicolai; Catarina Pinto Reis; Beatriz Nobre; António Palavra. "Supercritical CO2 Extracts and Volatile Oil of Basil (Ocimum basilicum L.) Comparison with Conventional Methods". *Separations* 5 2 (2018): 21-21. https://doi.org/10.3390/separations5020021.

10.3390/separations5020021

74 Andrade, Joana M.; Sitarek, Przemyslaw; Skala, Ewa; Synowiec, Ewelina; Kowalczyk, Tomasz; Diaz-Lanza, Ana; Reis, Catarina; Rijo, Patricia. "Mitochondrial dysfunction of halimane and labdane diterpenes in human lung cancer cells". *Free Radical Biology and Medicine* 120 (2018): S130-S130. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000432836500414&KeyUID=WOS:000432836500414.

10.1016/j.freeradbiomed.2018.04.429

75 Joana M Andrade; Célia Faustino; Catarina Garcia; Diogo Ladeiras; Catarina P Reis; Patrcia Rijo. "Rosmarinus officinalis L.: an update review of its phytochemistry and biological activity". *Future Science OA* (2018): FSO283-FSO283.

10.4155/fsoa-2017-0124

76 Garcia, Catarina; Sitarek, Przemyslaw; Skala, Ewa; Synowiec, Ewelina; Sliwinski, Tomasz; Diaz-Lanza, Ana; Reis, Catarina; Rijo, Patricia. "Diterpenes from Plectranthus spp.: a ROS-induced cytotoxicity study". *Free Radical Biology and Medicine* 120 (2018): S127-S127. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000432836500404&KeyUID=WOS:000432836500404.

10.1016/j.freeradbiomed.2018.04.419

77 Bernardes, Carlos E S; Garcia, Catarina; Pereira, Filipe; Mota, Joana; Pereira, P; Cebola, Maria J; Reis, Catarina P; et al. "Extraction Optimization and Structural and Thermal Characterization of the Antimicrobial Abietane 7alpha-Acetoxy-6beta-hydroxyroyleanone.". *Molecular pharmaceutics* 15 4 (2018): 1412-1419. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=MEDLINE&KeyUT=MEDLINE:29494159&KeyUID=MEDLINE:29494159.

10.1021/acs.molpharmaceut.7b00892

78 Andrade, Joana M; Custodio, Luisa; Romagnoli, Alessandra; Reis, Catarina P; Rodrigues, Maria J; Garcia, Catarina; Petruccioli, Elisa; et al. "Antitubercular and anti-inflammatory properties screening of natural products from Plectranthus species.". *Future medicinal chemistry* (2018): http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=MEDLINE&KeyUT=MEDLINE:29957070&KeyUID=MEDLINE:29957070.

10.4155/fmc-2018-0043

79 Costa, Joao; Saraiva, Nuno; Rijo, Patricia; Almeida, Nuno; Reis, Catarina; Fernandes, Ana Sofia. "Anti-tumor properties of the redox-active compound Parvifloron D in breast cancer cells". *Free Radical Biology and Medicine* 120 (2018): S119-S120. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000432836500379&KeyUID=WOS:000432836500379.

10.1016/j.freeradbiomed.2018.04.394

80 Epole Ntungwe N; Joana Marçalo; Catarina Garcia; Catarina Reis; Catarina Teodósio; Carolina Oliveira; Claudia Oliveira; Amilcar Roberto. "Biological activity screening of seven Plectranthus species". *Journal Biomedical and Biopharmaceutical Research* 14 1 (2017): 95-108. https://doi.org/10.19277%2Fbbr.14.1.153.

10.19277/bbr.14.1.153

81 Mota, A.H.; Silva, C.O.; Nicolai, M.; Baby, A.; Palma, L.; Rijo, P.; Ascensão, L.; Reis, C. P.. "Design and evaluation of novel topical formulation with olive oil as natural functional active". *Pharmaceutical Development and Technology* (2017): 1-12. http://www.scopus.com/inward/record.url?eid=2-s2.0-85021845504&partnerID=MN8TOARS.

10.1080/10837450.2017.1340951

82 De Almeida, T.S.; Júlio, A.; Mota, J.P.; Rijo, P.; Reis, C.P.. "An emerging integration between ionic liquids and nanotechnology: General uses and future prospects in drug delivery". *Therapeutic Delivery* 8 6 (2017): 461-473. http://www.scopus.com/inward/record.url?eid=2-s2.0-85019838720&partnerID=MN8TOARS.

10.4155/tde-2017-0002

83 Roque, L.V.; Dias, I.S.; Cruz, N.; Rebelo, A.; Roberto, A.; Rijo, P.; Reis, C.P.. "Design of Finasteride-Loaded Nanoparticles for Potential Treatment of Alopecia". *Skin Pharmacology and Physiology* 30 4 (2017): 197-204. http://www.scopus.com/inward/record.url?eid=2-s2.0-85023775607&partnerID=MN8TOARS.

10.1159/000475473

84 Reis, C.; Antunes, A.F.; Pereira, P.; Rijo, P.. "Nanosystems for skin delivery: From drugs to cosmetics". *Current Drug Metabolism* 18 5 (2017): 412-425. http://www.scopus.com/inward/record.url?eid=2-s2.0-85021107182&partnerID=MN8TOARS.

10.2174/1389200218666170306103101

85 Mota, A.H.; Rijo, P.; Molpeceres, J.; Reis, C.P.. "Broad overview of engineering of functional nanosystems for skin delivery". *International Journal of Pharmaceutics* 532 2 (2017): 710-728. http://www.scopus.com/inward/record.url?eid=2-s2.0-85027186861&partnerID=MN8TOARS.

10.1016/j.ijpharm.2017.07.078

86 Matias, D.; Rijo, P.; Reis, C.P.. "Phytosomes as biocompatible carriers of natural drugs". *Current Medicinal Chemistry* 24 6 (2017): 568-589. http://www.scopus.com/inward/record.url?eid=2-s2.0-85017602832&partnerID=MN8TOARS.

10.2174/0929867323666161028160855

87 Faustino, C.; Rijo, P.; Reis, C.P.. "Nanotechnological strategies for nerve growth factor delivery: Therapeutic implications in Alzheimer's disease". *Pharmacological Research* 120 (2017): 68-87. http://www.scopus.com/inward/record.url?eid=2-s2.0-85016254345&partnerID=MN8TOARS.

10.1016/j.phrs.2017.03.020

88 Rebelo, A.; Molpeceres, J.; Rijo, P.; Reis, C.P.. "Pancreatic cancer therapy review: From classic therapeutic agents to modern nanotechnologies". *Current Drug Metabolism* 18 4 (2017): 346-359. http://www.scopus.com/inward/record.url?eid=2-s2.0-85019714302&partnerID=MN8TOARS.

10.2174/1389200218666170201151135

89 Roque, L.; Molpeceres, J.; Reis, C.; Rijo, P.; Reis, C.P.. "Past, recent progresses and future perspectives of nanotechnology applied to antifungal agents". *Current Drug Metabolism* 18 4 (2017): 280-290. http://www.scopus.com/inward/record.url?eid=2-s2.0-85019724632&partnerID=MN8TOARS.

10.2174/1389200218666170201152000

90 Catarina P Reis; Nuno Ramalhete; A. Barbosa; R. Bito; A. Candeias; J. Goncalves; A. Pinheiro; F. Teixeira; Manuel Fitas. "Microbiological control of parenteral dosage forms". *Journal Biomedical and Biopharmaceutical Research* (2016): https://doi.org/10.19277/bbr.9.1.31.

10.19277/bbr.9.1.31

91 Silva, C.O.; Petersen, S.B.; Reis, C.P.; Rijo, P.; Molpeceres, J.; Fernandes, A.S.; Gonçalves, O.; et al. "EGF functionalized polymer-coated gold nanoparticles promote EGF photostability and EGFR internalization for photothermal therapy". *PLoS ONE* 11 10 (2016): http://www.scopus.com/inward/record.url?eid=2-s2.0-84992755798&partnerID=MN8TOARS.

10.1371/journal.pone.0165419

92 Wagemaker, T.A.L.; Campos, P.M.B.G.M.; Fernandes, A.S.; Rijo, P.; Nicolai, M.; Roberto, A.; Rosado, C.; et al. "Unsaponifiable matter from oil of green coffee beans: cosmetic properties and safety evaluation". *Drug Development and Industrial Pharmacy* 42 10 (2016): 1695-1699. http://www.scopus.com/inward/record.url?eid=2-s2.0-84965010204&partnerID=MN8TOARS.

10.3109/03639045.2016.1165692

93 Neto, Í.; Andrade, J.; Fernandes, A.S.; Pinto Reis, C.; Salunke, J.K.; Priimagi, A.; Candeias, N.R.; Rijo, P.. "Multicomponent Petasis-borono Mannich Preparation of Alkylaminophenols and Antimicrobial Activity Studies". *ChemMedChem* (2016): 2015-2023. http://www.scopus.com/inward/record.url?eid=2-s2.0-84988448120&partnerID=MN8TOARS.

10.1002/cmdc.201600244

94 Faustino, C.; Serafim, C.; Rijo, P.; Reis, C.P.. "Bile acids and bile acid derivatives: use in drug delivery systems and as therapeutic agents". *Expert Opinion on Drug Delivery* 13 8 (2016): 1133-1148. http://www.scopus.com/inward/record.url?eid=2-s2.0-84965070277&partnerID=MN8TOARS.

10.1080/17425247.2016.1178233

95 Reis, C.P.; Roque, L.V.; Baptista, M.; Rijo, P.. "Innovative formulation of nystatin particulate systems in toothpaste for candidiasis treatment". *Pharmaceutical Development and Technology* 21 3 (2016): 282-287. http://www.scopus.com/inward/record.url?eid=2-s2.0-84956508140&partnerID=MN8TOARS.

10.3109/10837450.2014.999783

96 Abrantes, C.G.; Duarte, D.; Reis, C.P.. "An Overview of Pharmaceutical Excipients: Safe or Not Safe?". *Journal of Pharmaceutical Sciences* 105 7 (2016): 2019-2026. http://www.scopus.com/inward/record.url?eid=2-s2.0-84975789330&partnerID=MN8TOARS.

10.1016/j.xphs.2016.03.019

97 Silva, C.O.; Rijo, P.; Molpeceres, J.; Ascensão, L.; Roberto, A.; Fernandes, A.S.; Gomes, R.; et al. "Bioproduction of gold nanoparticles for photothermal therapy". *Therapeutic Delivery* 7 5 (2016): 287-304. http://www.scopus.com/inward/record.url?eid=2-s2.0-84964937758&partnerID=MN8TOARS.

10.4155/tde-2015-0011

98 Silva, C.O.; Molpeceres, J.; Batanero, B.; Fernandes, A.S.; Saraiva, N.; Costa, J.G.; Rijo, P.; et al. "Functionalized diterpene parvifloron D-loaded hybrid nanoparticles for targeted delivery in melanoma therapy". *Therapeutic Delivery* 7 8 (2016): 521-544. http://www.scopus.com/inward/record.url?eid=2-s2.0-84979515564&partnerID=MN8TOARS.

10.4155/tde-2016-0027

99 Nicolai, M.; Pereira, P.; Vitor, R.F.; Reis, C.P.; Roberto, A.; Rijo, P.. "Antioxidant activity and rosmarinic acid content of ultrasound-assisted ethanolic extracts of medicinal plants". *Measurement: Journal of the International Measurement Confederation* 89 (2016): 328-332. http://www.scopus.com/inward/record.url?eid=2-s2.0-84964510703&partnerID=MN8TOARS.

10.1016/j.measurement.2016.04.033

100 Ladeiras, D.; Monteiro, C.M.; Pereira, F.; Reis, C.P.; Afonso, C.A.M.; Rijo, P.. "Reactivity of diterpenoid quinones: Royleanones". *Current Pharmaceutical Design* 22 12 (2016): 1682-1714. http://www.scopus.com/inward/record.url?eid=2-s2.0-84964285600&partnerID=MN8TOARS.

10.2174/1381612822666151211094521

101 Siopa, Filipa; Figueiredo, Teresa; Frade, Raquel F. M.; Neto, Iris; Meirinhos, Ana; Reis, Catarina P.; Sobral, Rita G.; Afonso, Carlos A. M.; Rijo, Patricia. "Choline-Based Ionic Liquids: Improvement of Antimicrobial Activity". *Chemistryselect* 1 18 (2016): 5909-5916. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000395427600046&KeyUID=WOS:

000395427600046.

10.1002/slct.201600864

102 "Melanoma Prevention: Challenges and Progresses in Nanotechnology for Melanoma Prevention and Treatment". *Crc Concise Encyclopedia of Nanotechnology* (2016): https://publons.com/wos-op/publon/19739805/.

10.1201/B19457-41

103 Catarina Reis; Ana F. Antunes; Patricia Rijo; Marina Baptista; Joana P. Mota; Luis Monteiro Rodrigues; Reis, Catarina; et al. "A novel topical association with zinc oxide, chamomile and aloe vera extracts - stability and safety studies". *Journal Biomedical and Biopharmaceutical Research* 12 2 (2015): 251-264. https://doi.org/10.19277/bbr.12.2.122.

10.19277/bbr.12.2.122

104 Margarida Pereira; Diogo Matias; Filipe Pereira; Catarina P. Reis; M. Fátima Simões; Patricia Rijo; Pereira, Margarida; et al. "Antimicrobial screening of Plectranthus madagascariensis and P. neochilus extracts". *Journal Biomedical and Biopharmaceutical Research* 12 1 (2015): 127-138. https://doi.org/10.19277/BBR.12.1.111.

10.19277/BBR.12.1.111

105 Matias, D.; Nicolai, M.; Costa, J.; Saraiva, N.; Fernandes, A. S.; Simoes, M. F.; Diaz-Lanza, A. M.; Reis, C. P.; Rijo, P.. "Cytotoxicity screening of Plectranthus spp. extracts and individual components in MDA-MB-231 cells". *Toxicology Letters* 238 2 (2015): S240-S240. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000370693801536&KeyUID=WOS:000370693801536.

10.1016/j.toxlet.2015.08.707

106 Silva, C. O.; Coelho, J. P.; Vieira, P.; Lopes, J.; Costa, J.; Fernandes, A. S.; Gomes, R.; et al. "Hybrid nanoparticles for photodynamic and targeted cancer therapy: Cytotoxicity studies". *Toxicology Letters* 238 2 (2015): S204-S204. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000370693801443&KeyUID=WOS:000370693801443.

10.1016/j.toxlet.2015.08.611

107 Silva, C.O.; Petersen, S.B.; Pinto Reis, C.; Rijo, P.; Molpeceres, J.; Vorum, H.; Neves-Petersen, M.T.. "Lysozyme photochemistry as a function of temperature. the protective effect of nanoparticles on lysozyme photostability". *PLoS ONE* 10 12 (2015): http://www.scopus.com/inward/record.url?eid=2-s2.0-84956630088&partnerID=MN8TOARS.

10.1371/journal.pone.0144454

108 Gouveia, B.G.; Rijo, P.; Gonçalo, T.S.; Reis, C.P.. "Good manufacturing practices for medicinal products for human use". *Journal of Pharmacy and Bioallied Sciences* 7 2 (2015): 87-96. http://www.scopus.com/inward/record.url?eid=2-s2.0-84927621792&partnerID=MN8TOARS.

10.4103/0975-7406.154424

109 Silva, C.O.; Rijo, P.; Molpeceres, J.; Figueiredo, I.V.; Ascensão, L.; Fernandes, A.S.; Roberto, A.; Reis, C.P.. "Polymeric nanoparticles modified with fatty acids encapsulating betamethasone for anti-inflammatory treatment". *International Journal of Pharmaceutics* 493 1-2 (2015): 271-284. http://www.scopus.com/inward/record.url?eid=2-s2.0-84938828795&partnerID=MN8TOARS.

10.1016/j.ijpharm.2015.07.044

110 Pereira, F.; Baptista, R.; Ladeiras, D.; Madureira, A.M.; Teixeira, G.; Rosado, C.; Fernandes, A.S.; et al. "Production and characterization of nanoparticles containing methanol extracts of Portuguese Lavenders". *Measurement: Journal of the International Measurement Confederation* 74 (2015): 170-177. http://www.scopus.com/inward/record.url?eid=2-s2.0-84938387201&partnerID=MN8TOARS.

10.1016/j.measurement.2015.07.029

111 Shah, S.U.; Martinho, N.; Socha, M.; Pinto Reis, C.; Gibaud, S.. "Synthesis and characterization of S-nitrosoglutathione-oligosaccharide-chitosan as a nitric oxide donor". *Expert Opinion on Drug Delivery* 12 8 (2015): 1209-1223. http://www.scopus.com/inward/record.url?eid=2-s2.0-84937203582&partnerID=MN8TOARS.

10.1517/17425247.2015.1028916

112 Diogo Matias; Luis Roque; Maria de Fátima Simões; Ana Diaz-Lanza; Patrícia Rijo; Catarina P. Reis; Matias, Diogo; et al. "Plectranthus madagascariensis phytosomes: formulation optimization". *Journal Biomedical and Biopharmaceutical Research* 12 2 (2015): 223-231. https://doi.org/10.19277%2Fbbr.12.2.119.

10.19277/bbr.12.2.119

113 D Matias; F Pereira; M Nicolai; A Roberto; N Saraiva; AS Fernandes; MF Simões; et al. "Abietane diterpenes from Plectranthus madagascariensis: A cytotoxicity screening". *Planta Medica* 80 16 (2014): 1459-1460. https://doi.org/10.1055%2Fs-0034-1394809.

10.1055/s-0034-1394809

114 Carolina Correia; Patricia Rijo; Lia Ascensão; Marisa Nicolai; Diogo Matias; Catarina Pinto Reis; Correia, Carolina Jacinto; et al. "Optimization of the encapsulation efficiency of a novel oral insulin delivery nanosystem". *Journal Biomedical and Biopharmaceutical Research* 11 1 (2014): 111-119. https://doi.org/10.19277%2Fbbr.11.1.82.

10.19277/bbr.11.1.82

115 Rijo, P.; Falé, P.L.; Serralheiro, M.L.; Simões, M.F.; Gomes, A.; Reis, C.. "Optimization of medicinal plant extraction methods and their encapsulation through extrusion technology". *Measurement: Journal of the International Measurement Confederation* 58 (2014): 249-255. http://www.scopus.com/inward/record.url?eid=2-s2.0-84907817461&partnerID=MN8TOARS.

10.1016/j.measurement.2014.08.045

116 Reis, C.P.; Martinho, N.; Rosado, C.; Fernandes, A.S.; Roberto, A.. "Design of polymeric nanoparticles and its applications as drug delivery systems for acne treatment". *Drug Development and Industrial Pharmacy* 40 3 (2014): 409-417. http://www.scopus.com/inward/record.url?eid=2-s2.0-84893929708&partnerID=MN8TOARS.

10.3109/03639045.2013.767826

117 Rijo, P.; Matias, D.; Fernandes, A.S.; Simões, M.F.; Nicolai, M.; Reis, C.P.. "Antimicrobial plant extracts encapsulated into polymeric beads for potential application on the skin". *Polymers* 6 2 (2014): 479-490. http://www.scopus.com/inward/record.url?eid=2-s2.0-84899496961&partnerID=MN8TOARS.

10.3390/polym6020479

118 Reis, Catarina Pinto; Jerónimo, Ana Rita Gonçalves; Pinto, Pedro Contreiras; Silva, Catarina Oliveira; Candeias, Sara. "Nanopartículas de PCL com acetato de hidrocortisona como uma terapia dermatológica inovadora para a dermatite atópica". *A dermatite atópica é uma patologia cutânea crónica que requer cuidados intensivos da pele e tratamento farmacológico; contudo, os tratamentos disponíveis necessitam urgentemente de ser melhorados, especialmente quando utilizados por períodos longos ou em grupos*

específicos (ex: crianças). A nanotecnologia tem contribuído com sistemas de veiculação inovadores e pode oferecer terapias efectivas e d (2014): http://hdl.handle.net/10437/4588.

Open access

119 Catarina Pinto Reis; Ana Rita Jerónimo; Pedro Pinto; Catarina Oliveira Silva; Sara Candeias. "Hydrocortisone acetate-loaded PCL nanoparticles as an innovative dermatological therapy for atopic dermatitis". *Journal Biomedical and Biopharmaceutical Research* 10 1 (2013): 73-82. https://doi.org/10.19277/BBR.10.1.53.

10.19277/BBR.10.1.53

120 Reis, C.P.; Gomes, A.; Rijo, P.; Candeias, S.; Pinto, P.; Baptista, M.; Martinho, N.; Ascensão, L.. "Development and evaluation of a novel topical treatment for acne with azelaic acid-loaded nanoparticles". *Microscopy and Microanalysis* 19 5 (2013): 1141-1150. http://www.scopus.com/inward/record.url?eid=2-s2.0-84884546219&partnerID=MN8TOARS.

10.1017/S1431927613000536

121 Rosado, C.; Silva, C.; Reis, C.P.. "Hydrocortisone-loaded poly(e-caprolactone) nanoparticles for atopic dermatitis treatment". *Pharmaceutical Development and Technology* 18 3 (2013): 710-718. http://www.scopus.com/inward/record.url?eid=2-s2.0-84891641274&partnerID=MN8TOARS.

10.3109/10837450.2012.712537

122 Reis, C.P.; Silva, C.; Martinho, N.; Rosado, C.. "Drug carriers for oral delivery of peptides and proteins: Accomplishments and future perspectives". *Therapeutic Delivery* 4 2 (2013): 251-265. http://www.scopus.com/inward/record.url?eid=2-s2.0-84872911642&partnerID=MN8TOARS.

10.4155/tde.12.143

123 Martinho, Nuno; Rosado, Catarina; Reis, Catarina Pinto. "Influência de duas técnicas diferentes no tamanho e potencial zeta de nanopartículas de poli(D.L-láctico-co-glicólico)". *O objectivo deste estudo consistiu na análise de diferentes parâmetros de formulação e processo e a sua influência no tamanho e potencial zeta de nanopartículas de poli(D,L-láctico-co-glicólico) (PLGA) preparadas por dois métodos diferentes, especificamente, emulsificação espontânea com difusão de solvente (m-SESD) e deslocamento de solventes (SD). As nanopartículas foram produzidas com um tamanho* (2013): http://hdl.handle.net/10437/3675.

Open access

124 Catarina Pinto Reis; Pedro C. Pinto; Ana Gomes; Sara Candeias. "Nanotechnology applied to drug delivery – formulation, development and characterization studies". *Journal Biomedical and Biopharmaceutical Research* (2012): https://doi.org/10.19277/bbr.9.1.32.

10.19277/bbr.9.1.32

125 Reis, C.P.; Neufeld, R.; Veiga, F.; Figueiredo, I.V.; Jones, J.; Soares, A.F.; Nunes, P.; Damgé, C.; Carvalho, R.A.. "Effects of an oral insulin nanoparticle administration on hepatic glucose metabolism assessed by ^{13}C and ^{2}H isotopomer analysis". *Journal of Microencapsulation* 29 2 (2012): 167-176. http://www.scopus.com/inward/record.url?eid=2-s2.0-84863418969&partnerID=MN8TOARS.

10.3109/02652048.2011.638992

126 Nuno Martinho; Catarina Rosado; Catarina Pinto Reis. "The influence of two different techniques on the particle size and zeta potencial of poly (D,L-Lactide-co-glycolide) nanoparticles". *Journal Biomedical and Biopharmaceutical Research* 8 2 (2011): 329-338. https://doi.org/10.19277/bbr.8.2.21.

10.19277/bbr.8.2.21

127 Nuno Martinho; Christiane Damgé; Catarina Pinto Reis. "Recent Advances in Drug Delivery Systems". *Journal of Biomaterials and Nanobiotechnology* 02 05 (2011): 510-526. https://doi.org/10.4236%2Fjbnb.2011.225062.

10.4236/jbnb.2011.225062

128 Reis, Catarina Pinto; Carvalho, Patrícia; Cangueiro, Maguie; Fernandes, Cátia; Rosado, Catarina. "Influência do sistema de libertação na permeação de uma molécula hidrofílica". (2010): http://hdl.handle.net/10437/2258.

129 Damge, C.; Reis, C.; Veiga, F.; Ribeiro, A.; Neufeld, R.. "A new approach for oral delivery of insulin". *Diabetologia* 52 (2009): S372-S372. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000269262400945&KeyUID=WOS:000269262400945.

130 Reis, C.; Ribeiro, A.; Veiga, F.; Neufeld, R.; Damge, C.. "Oral administration of insulin: towards a new approach". *Diabetes & Metabolism* 35 (2009): A11-A11. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000264586100042&KeyUID=WOS:000264586100042.

10.1016/S1262-3636(09)71732-X

131 Reis, Catarina; Reis, Catarina Pinto; Ribeiro, António J.; Veiga, Francisco; Neufeld, Ronald J.; Damgé, Christiane. "Polyelectrolyte biomaterial interactions provide nanoparticulate carrier for oral insulin delivery.". *Drug delivery* (2008): http://europepmc.org/abstract/med/18293199.

10.1080/10717540801905165

132 Reis, C.P.; Veiga, F.J.; Ribeiro, A.J.; Neufeld, R.J.; Damgé, C.; Reis, Catarina P.; Veiga, Francisco J.; et al. "Nanoparticulate biopolymers deliver insulin orally eliciting pharmacological response". *Journal of Pharmaceutical Sciences* 97 12 (2008): 5290-5305. http://www.scopus.com/inward/record.url?eid=2-s2.0-57349140390&partnerID=MN8TOARS.

10.1002/jps.21347

133 Damgé, C.; Reis, C.P.; Maincent, P.. "Nanoparticle strategies for the oral delivery of insulin". *Expert Opinion on Drug Delivery* 5 1 (2008): 45-68. http://www.scopus.com/inward/record.url?eid=2-s2.0-39049124118&partnerID=MN8TOARS.

10.1517/17425247.5.1.45

134 Reis, C.P.; Figueiredo, I.V.; Carvalho, R.A.; Jones, J.; Nunes, P.; Soares, A.F.; Silva, C. F.; et al. "Toxicological assessment of orally delivered nanoparticulate insulin". *Nanotoxicology* 2 4 (2008): 205-217. http://www.scopus.com/inward/record.url?eid=2-s2.0-57349099275&partnerID=MN8TOARS.

10.1080/17435390802398309

135 Reis, Catarina Pinto. "Novas alternativas terapêuticas para a administração oral da insulina". *A Diabetes Mellitus é uma doença metabólica que se caracteriza fundamentalmente pela ausência de produção de insulina (sendo por isso designada de diabetes tipo 1), ou no caso de produzir a hormona, o organismo não consegue utilizá-la eficazmente (neste caso designada de diabetes tipo 2). Trata-se de uma doença em franca expansão e surge nos dias de hoje como uma das grandes preocupações para os p* (2008): http://hdl.handle.net/10437/2140.

136 Reis, C.P.; Ribeiro, A.J.; Neufeld, R.J.; Veiga, F.. "Alginate microparticles as novel carrier for oral insulin delivery". *Biotechnology and Bioengineering* 96 5 (2007): 977-989. http://www.scopus.com/inward/record.url?eid=2-s2.0-33947610989&partnerID=MN8TOARS.

10.1002/bit.21164

137 Reis, C.P.; Ribeiro, A.J.; Houng, S.; Veiga, F.; Neufeld, R.J.. "Nanoparticulate delivery system for insulin: Design, characterization and in vitro/in vivo bioactivity". *European Journal of Pharmaceutical Sciences* 30 5 (2007): 392-397. http://www.scopus.com/inward/record.url?eid=2-s2.0-33947431672&partnerID=MN8TOARS.

10.1016/j.ejps.2006.12.007

138 Damge, C.; Reis, C. Pinto; Ubrich, N.; Maincent, P.; Veiga, F.; Ribeiro, A.. "Alginate-based insulin nanoparticles - dextrane for oral administration in the diabetic rat". *Diabetes & Metabolism* 33 (2007): S67-S67. http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=ORCID&SrcApp=OrcidOrg&DestLinkType=FullRecord&DestApp=WOS_CPL&KeyUT=WOS:000245429700194&KeyUID=WOS:000245429700194.

139 Reis, Catarina Pinto; Veiga, Francisco; Nunes, Patrícia; Soares, Ana Francisca; Laranjeira, Tânia; Carvalho, Rui; Jones, John; et al. "Toxicological in vivo studies of an oral insulin nanosystem". *Toxicology Letters* 172 (2007): S90-S90. http://hdl.handle.net/10316/5852.

Open access • 10.1016/j.toxlet.2007.05.250

140 Pinto Reis, C.; Neufeld, R.J.; Ribeiro, A.J.; Veiga, F.; Reis, Catarina Pinto; Neufeld, Ronald J.; Ribeiro, António J.; Veiga, Francisco. "Nanoencapsulation I. Methods for preparation of drug-loaded polymeric nanoparticles". *Nanomedicine: Nanotechnology, Biology, and Medicine* 2 1 (2006): 8-21. http://www.scopus.com/inward/record.url?eid=2-s2.0-33645034817&partnerID=MN8TOARS.

10.1016/j.nano.2005.12.003

141 Reis, C.P.; Neufeld, R.J.; Ribeiro, A.J.; Veiga, F.. "Design of insulin-loaded alginate nanoparticles: Influence of the calcium ion on polymer gel matrix properties, Metoda za inkapsulaciju insulina u alginatne nanokapsule: Uticaj kalcijum jona na ponašanje dobijenih kapsula". *Chemical Industry and Chemical Engineering Quarterly* 12 1 (2006): 47-52. http://www.scopus.com/inward/record.url?eid=2-s2.0-33947428315&partnerID=MN8TOARS.

10.2298/CICEQ0601047R

142 Reis, C.P.; Neufeld, R.J.; Vilela, S.; Ribeiro, A.J.; Veiga, F.. "Review and current status of emulsion/dispersion technology using an internal gelation process for the design of alginate particles". *Journal of Microencapsulation* 23 3 (2006): 245-257. http://www.scopus.com/inward/record.url?eid=2-s2.0-33745547366&partnerID=MN8TOARS.

10.1080/02652040500286086

143 Reis, Catarina Pinto; Neufeld, Ronald J.; Ribeiro, António J.; Veiga, Francisco; Pinto Reis, C.; Neufeld, R.J.; Ribeiro, A.J.; Veiga, F.. "Nanoencapsulation II. Biomedical applications and current status of peptide and protein nanoparticulate delivery systems". *Nanomedicine: Nanotechnology, Biology, and Medicine* 2 2 (2006): 53-65. http://hdl.handle.net/10316/5746.

10.1016/j.nano.2006.04.009

Thesis / Dissertation

1 Teixeira, Melissa Daniela Albino. "Nanoformulations of novel metal-complexes as potential antitumor agents". Master, 2022. http://hdl.handle.net/10362/133284.

2 Amaral, Mariana Moura das Neves. "Non-Invasive Elimination of Superficial Tumours: a step forward". Master, 2021. http://hdl.handle.net/10362/111535.

3 Costa, Eduardo Leitão. "A New Approach for Cancer Treatment: from Specific Induction of Breast Cancer to Innovative Therapy". PhD, 2021. http://hdl.handle.net/10316/95304.

4 Reis, Ana Catarina Beco Pinto. "Encapsulação de fármacos peptídicos pelo método de emulsificação/gelificação interna". 2008. http://hdl.handle.net/10316/213.

Intellectual property

Patent

1 Reis, Catarina. 2017. "Produção de chá com vinho do Porto".

2 Reis, Catarina. 2017. "Nanosystem with Gold Coated with a Biopolymer and a Near-Infrared Absorption Range, and Method for Preparing Same". Portugal.

3 Reis, Catarina. 2007. "Processo de produção e isolamento de micro- e nanopartículas poliméricas contendo macromoléculas de natureza hidrofílica e termolábil". Portugal.

Other

Other output

1 Screening the dermatological potential of Plectranthus species components – antioxidant and inhibitory capacities over elastase, collagenase and tyrosinase. 2017. Joana Marçalo; Marisa Nicolai; Catarina Reis; Catarina Garcia; Célia Faustino; Luís Monteiro Rodrigues; Patrícia Rijo.

10.13140/rg.2.2.11360.79360

2 Anti-inflammatory and anti-tubercular properties screening of natural products from Plectranthus species. 2017. Joana Marçalo; Luísa Custódio; Marisa Nicolai; Catarina Reis; Catarina Garcia; Maria João Rodrigues; Alessandra Romagnoli; et al.

10.13140/rg.2.2.32332.31360

3 Hyaluronan particles for potential intra-articular application. 2016. Ana Henriques Mota; Patricia Rijo; Marisa Nicolai; Lia Ascensão; Catarina Pinto Reis.

10.13140/rg.2.2.21404.08322

4 Development of an analytical method for the determination of hyaluronic acid encapsulated in polymeric nanoparticles. 2013. Ana Henriques Mota; Catarina Pinto Reis; Marisa Nicolai; Patrícia Rijo.

10.13140/rg.2.1.1440.8082

5 A nanotecnologia aplicada à veiculação de fármacos: estudos de desenvolvimento da formulação e caracterização. O ácido azelaico é um fármaco com actividade bacteriostática para muitos microorganismos sendo por isso frequentemente aplicado no tratamento do acne. Porém, às formulações tópicas deste fármaco estão geralmente associados alguns efeitos adversos e fracas adesões à terapêutica. Assim, a nanotecnologia pode ser aqui considerada como uma estratégia inovadora para ultrapassar os obstáculos anteriores. 2013. Reis, Catarina Pinto; Pinto, Pedro Contreiras; Gomes, Ana; Candeias, Sara. http://hdl.handle.net/10437/3595.

Activities

Supervision

	Thesis Title Role	Degree Subject (Type) Institution / Organization
2022 - Current	Development of different nanoapproaches for colorectal cancer: How far can it really help the targetability of metallodrugs? Supervisor of Íris Raquel Branco Neto	PhD (PhD) Universidade de Lisboa Faculdade de Farmácia, Portugal
2022 - Current	Searching Innovative Therapeutic Nanoplatforms with Metal-based Complexes Against Pancreatic Cancer Supervisor of Mariana Selas Figueira.	PhD (PhD) Universidade de Lisboa Faculdade de Farmácia, Portugal
2021/12/01 - Current	Nanoplatforms of metal-based complexes for the treatment of melanoma Co-supervisor of Pedro Daniel Branco Farinha	PhD (PhD) Universidade de Lisboa Faculdade de Farmácia, Portugal
2021/12 - Current	Personalized and minimally invasive treatment for head and neck adenocarcinoma: A step forward for quality in the therapy of superficial tumours Supervisor of Mariana Moura das Neves Amaral	PhD (PhD) Universidade de Lisboa Faculdade de Farmácia, Portugal
2020/11 - Current	Metallic nanoparticle-based options for glioblastoma treatment Co-supervisor of Nuno Guilherme Valadas da Cruz	Ciências da Engenharia - Engenharia Biomédica e Biofísica (PhD) Universidade de Lisboa Faculdade de Ciências, Portugal
2020/01 - Current	Targeting superficial tumors using a nanotechnological hybrid approach Supervisor of Joana Margarida Delgado Lopes	I3DU (PhD) Universidade de Lisboa Faculdade de Farmácia, Portugal

2019/10 - Current	Non-invasive photoactivated nanodevices for breast cancer treatment Supervisor of Tânia Sofia Ferreira Gonçalves	I3DU (PhD) Universidade de Lisboa Faculdade de Farmácia, Portugal
2017/09 - Current	Skin delivery of bioactive plant extracts through nanocarriers Supervisor of Ana Luísa Vargas Henriques Mota	PhD (PhD) Universidade de Lisboa Faculdade de Farmácia, Portugal
2017 - Current	O uso de sulfureto de hidrogénio em oncoterapia local - num modelo experimental Co-supervisor of Eduardo Leitão Costa	PhD (PhD) Universidade de Coimbra, Portugal
2020 - 2021/11/12	Modelos Experimentais em Oncologia Supervisor of Joana Parreira da Silva	Master (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2020 - 2021/09/28	Dermal absorption and toxicological risk assessment of essential oil-based nanocarriers Supervisor of Maria Marques Bermonte da Costa Brilhante	Master (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2020 - 2021/09/20	Safety of gold nanoparticles: A preliminary in vitro and in vivo toxicity assessment. Supervisor of Inês Torres Pereira Silvério	Master (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2020 - 2021/09/20	Magnetic Nanoparticles in Diagnostics: A Review of Recent Advances. Co-supervisor of Pedro Daniel Franco Farinha	Master (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2020 - 2021/07/15	Development of Ethosomes as Skin Carriers for Sambucus nigra L. extracts. Supervisor of Henrique António Colaço Botelho	Master (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2020 - 2021/07/15	Nano-engineered carriers and functional beverages from natural ingredientes Supervisor of Helena Sofia Vicente Dias	Master (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2020 - 2021/07/15	Natural products applied as innovative cosmetic ingredients Supervisor of Sara Gomes Fonseca	Master (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal

2018 - 2021/07/14	Skin delivery of bioactive plant extracts through nanocarriers Supervisor of Ana Luísa Vargas Henriques Mota	PhD (PhD) Universidade de Lisboa Faculdade de Farmácia, Portugal
2017 - 2021/04/23	A New Approach for Cancer Treatment: from Specific Induction of Breast Cancer to Innovative Therapy Co-supervisor of Eduardo Leitão Costa	PhD (PhD) Universidade de Coimbra Faculdade de Farmácia, Portugal
2020 - 2021/01/19	Non-invasive elimination of superficial tumours: a step forward Supervisor of Mariana Moura das Neves Amaral	Investigação Biomédica (Master) Universidade Nova de Lisboa Faculdade de Ciências Médicas, Portugal
2020 - 2020/11	The effects of silver nanoparticles on Cicer arietinum L. (C3) and Zea mays (C4) plants Co-supervisor of Raquel Matias Gama	Ciências Farmacêuticas (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2020 - 2020/11	Characterization of Different Formulations for Buccal Drug Delivery in Pediatric Patients Co-supervisor of Alexandra Sofia Antunes de Sousa	Ciências Farmacêuticas (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2019 - 2020/11	Development of an advance topical insulin formulation for skin burn regeneration: an experimental approach from fundamental to translational research Supervisor of Maria João Baptista Quitério	Ciências Farmacêuticas (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2019 - 2020/11	PAMAM and PPI dendrimers as delivery systems of Rose Bengal to treat basal cell carcinoma: a photodynamic therapy preliminary approach Co-supervisor	Ciências Farmacêuticas (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2020 - 2020	The role of silver nanoparticles in skin burn regeneration: An experimental approach from fundamental to translational research Supervisor of Pedro Filipe Pereira Francisco	Ciências Farmacêuticas Universidade de Lisboa Faculdade de Farmácia, Portugal
2015/09/01 - 2019/05/12	New approaches for the treatment of the pancreatic cancer using nanodevices Supervisor of Ana Santos Rebelo	PhD (PhD) Universidad de Alcalá de Henares, Spain

2015/12 - 2019/03	Innovative nanotechnology for the treatment of fungal infections on oral mucosa Supervisor of Luís Miguel Vasques Roque	PhD in Ciencias de La Salud Universidad de Alcalá de Henares, Spain
2019 - 2019	Geles Termorreversíveis na Veiculação de Fármacos Co-supervisor of Afonso Batista Neves	Pharm. Sci. (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2019 - 2019	Avanços tecnológicos na regeneração cutânea Supervisor of André Filipe Ferreira de Oliveira	Ciências Farmacêuticas (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2019 - 2019	Experimental models in oncology: Breast Cancer Supervisor of Gonçalo Dinis Cerdeira Chasqueira	Ciências Farmacêuticas (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2019 - 2019	Experimental Models in Oncology: Melanoma Supervisor of Henrique Sabino Ferreira Roberto	Ciências Farmacêuticas (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2019 - 2019	Functionalized Drug Delivery Systems for Cancer Treatment Supervisor of João Serradas Valério da Silva	Ciências Farmacêuticas (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2019 - 2019	Pancreatic Cancer: The use of Natural Products and Polymers for Multifunctional Drug Delivery Systems Supervisor of Mariana Selas Figueira	Ciências Farmacêuticas (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2016/01/01 - 2019	Nanoformulations of antiproliferative compounds from Plectranthus madagascariensis Co-supervisor of Catarina Alexandra Gonçalves Garcia	PhD in Ciencias de La Salud (PhD) Universidad de Alcalá de Henares, Spain
2018 - 2018	Nanotecnologia aplicada à dermocosmética Supervisor of LILIANA PAREDES CARVALHO	Ciências Farmacêuticas (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2018 - 2018	Novos avanços tecnológicos na fotoproteção Supervisor of RAFAELA MARQUES DA COSTA	Ciências Farmacêuticas (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal

2018 - 2018	Administração oral de insulina: realidade ou mito? Supervisor of Cristina Maria Afonso Nogueira	Ciências Farmacêuticas (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2018 - 2018	Novos avanços da nanocosmética e aplicação de biomateriais Supervisor of Marisa Isabel Novo Gonçalves Pedroso	Ciências Farmacêuticas (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2018 - 2018	Tecnologias aplicadas à veiculação oral da Insulina Supervisor of Rute Catarina Vidal Pinelo	Ciências Farmacêuticas (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2018 - 2018	Nova estratégia terapêutica no tratamento do melanoma recorrendo à Fototerapia e à Nanotecnologia Supervisor of Joana Margarida Delgado Lopes	Ciências Farmacêuticas (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2018 - 2018	Incompatibilidades em medicamentos: estratégias tecnológicas a adoptar Supervisor of Margarida Ramires Serra	Ciências Farmacêuticas (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2014/01/01 - 2018	Royleanone derivatives from Plectranthus grandidentatus and its topical application through drug delivery nanosystems Co-supervisor of Filipe Jorge da Silva Pereira	PhD (PhD) Universidad de Alcalá de Henares, Spain
2017 - 2017	Skin delivery of bioactive plant extracts through nanocarriers Supervisor	Farmácia (PhD) Universidade de Lisboa Faculdade de Farmácia, Portugal
2017 - 2017	As aplicações da prata na nanotecnologia farmacêutica Supervisor of TERESA DA SILVA BORRALHO	Ciências Farmacêuticas (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2017 - 2017	Administração oral de insulina: realidade ou ficção? Supervisor of Joana Gonçalves Moreira	Pharm. Sci. (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2017 - 2017	NANOTECNOLOGIA APLICADA À DERMOCOSMÉTICA Supervisor of LILIANA PAREDES CARVALHO	Pharm. Sci. (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2016 - 2016	Sistemas multiparticulares aplicados à dermatocosmética Supervisor of Ana Filipa Valente Antunes	Pharm. Sciences (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal

2016 - 2016	Novos avanços na cosmética baseados em estruturas lipídicas Supervisor of Diana Sofia Garcia	Pharm. Sci. (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2016 - 2016	Novos sistemas de veiculação da finasterida e sua aplicação no tratamento da alopécia Supervisor of Inês Margarida Salvado Dias	Pharm. Sci. (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2016 - 2016	Unravelling new ethnopharmacological roles of Plectranthus species: biological activity screening Co-supervisor of Andrade, Joana Eulália da Cruz Marçalo de	Biopharmaceutical Sciences (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2013/01/01 - 2016	Ligand-functionalized nanopartucles for targeted therapy of melanoma in situ. Supervisor of Catarina Mendes Alves de Oliveira Silva	PhD (PhD) Universidad de Alcalá de Henares, Spain
2013/01/01 - 2016	Isolation, modeling and phytosome formulation of antiproliferative compounds from Plectranthus spp Co-supervisor of Diogo Henrique Correia Matias	PhD (PhD) Universidad de Alcalá de Henares, Spain
2015 - 2015	A nanotecnologia na dor articular Supervisor of João Miguel Loureiro Faria Guerreiro de Deus	Ciências Farmacêuticas (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2015 - 2015	Novas estratégias para o tratamento da alopécia Supervisor of Ana Santos Rebelo	Ciências Farmacêuticas (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2015 - 2015	A administração oral de insulina através de nanoparticulas Supervisor of Carolina Jacinto Correia	Ciências Farmacêuticas (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2015 - 2015	Segurança nos excipientes utilizados pela industria farmacêutica Supervisor of Cátia Filipa Guerreiro Abrantes	Ciências Farmacêuticas (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2015 - 2015	O resveratol como uma molécula anti-envelhecimento Supervisor of Andreia Catarina Lopes Alves	Pharm. Sciences (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2015 - 2015	Dispositivo para monitorização em tempo real da síntese e da hipertermia mediada por nanopartículas de ouro. Co-supervisor of Carolina Bértolo	Universidade de Lisboa Faculdade de Ciências, Portugal

2015 - 2015	Novas estratégias para o tratamento da candidíase oral recorrendo a tecnologia de encapsulação da nistatina Supervisor of Luís Miguel Vasques Roque	Pharm. Sciences (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2014 - 2014	Boas práticas de fabrico de medicamentos para uso humanao Supervisor of Bruno Gonçalves Gouveia	Ciências Farmacêuticas (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2014 - 2014	Nanotecnologia aplicada à pele Supervisor of Joana Carrapiço Gonçalves	Ciências Farmacêuticas (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2014 - 2014	Novos avanços da nanotecnologia na terapia oncológica Supervisor of Patrícia Maria Domingos de Sousa Carneiro Brochado	Ciências Farmacêuticas (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2013 - 2013	Controlo de qualidade de formas farmacêuticas estéreis Supervisor of Beatriz Vaz Morgado Esteves Mourato	Master in Pharmaceutical Sciences (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2013 - 2013	Nanotecnologia aplicada ao tratamento do acne Supervisor of Ana Patrícia Almeida Gomes	Pharm. Sciences (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal

Jury of academic degree

	Theme Role	Candidate name (Type of degree) Institution / Organization
2021/11/22	Optimization of microfluidic based nanoprecipitation for block polymer nanoparticles production and release studies for therapy to gliomas. (Thesis) Main arguer	Micaela Gaspar Gonçalves Fernandes (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2021/11/22	Development of dissolving microneedles for delivery of cancer cells membrane antigens. (Thesis) Main arguer	Maria Margarida Dias Carmona Lobita (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2021/07/19	Utilização de excipientes em neonatologia: aspetos tecnológicos e de segurança (Thesis) Main arguer	Maria Beatriz de Almeida Antunes Pinto (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2021/07/16	Quality Risk Assessment on The Development of a Generic Product (Thesis) Main arguer	Michaela Rodrigues (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal

2021/07/15	Indústria Farmacêutica 4.0 (Thesis) Main arguer	Maria Luísa Andrade Neves Cirne de Castro (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2021/04/01	New engineered FcRn-targeting nanoplatforms for oral delivery of biopharmaceuticals. Thesis Member	Cláudia Filipa Maia Azevedo (PhD) Universidade do Porto Instituto de Ciências Biomédicas Abel Salazar, Portugal
2019/12/20	Formulation of carotenoids as natural preservatives and colorants in food industry (Thesis) Arguer	Patrícia Isabel Gonçalves Oliveira (Master) Universidade de Lisboa Faculdade de Farmácia, Portugal
2019/11/27	Ferrous Oxide Nanoparticles as liposome targeting adjuvants in mouse melanoma chemotherapy Thesis Member	Nuno Guilherme Valadas da Cruz (Master) Universidade de Lisboa Faculdade de Ciências, Portugal
2019/11/22	Extractos de Plectranctus e a produção de nanopartículas de prata (Thesis) Main arguer	Gabriela Alexandra Pratas Dias Martins (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2019/11/22	Geles Termorreversíveis na Veiculação de Fármacos (Thesis) Main arguer	Afonso Batista Neves (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2019/11/22	Eficácia do Tratamento do Alcoolismo (Thesis) Main arguer	João Pedro Coutinho Ribeiro (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2019/05/23	Chemical and biological characterization of halophyte plants with ethnopharmacological use in the Algarve Coast Thesis Member	Catarina Alexandra Guerreiro Pereira (PhD) Universidade do Algarve, Portugal
2019/03/04	Hospital waste management: study of references of practical practices based on perception and risk assessment of exposure in the central hospital Thesis Member	Beatriz da Graça Nunes Veiga Edra (PhD) Universidad de Alcalá de Henares, Spain
2018/12/19	Engineering Silica-based Micro- and Nano- Janus Biocatalytic Motors for Biomedical Applications (Thesis) Main arguer	Tânia Sofia Ferreira Gonçalves (Master) Universidade de Lisboa Faculdade de Ciências, Portugal
2018/11/04	Estudo da bioatividade de decocções de Centaurium erythraea.	Laura Rodrigues Guedes (Master) Universidade de Lisboa Faculdade de Ciências, Portugal

2018/10/10	DESIGN AND CHARACTERIZATION OF LIPID NANOPARTICLESFOR AN EFFECTIVE TOPICAL ADMINISTRATION OF ACTIVE COMPOUNDS (Thesis) Main arguer	Fátima Cristina Romão Vieira Pinto (PhD) Universidade de Lisboa Instituto Superior Técnico, Portugal
2016/12/02	Contribuição para a compreensão da microcirculação periférica e da sua regulação através dos componentes oscilatórios do fluxo medido por Laser Doppler (Thesis) Arguer	Henrique Nuno Nazaré E Silva (PhD) Universidad de Alcalá de Henares, Spain
2016/06/06	Technologies for controlling ultrasound targeted drug delivery in brain using animals (Thesis) Main arguer	Andreia Carolina Pinheiro Dias (Master) Universidade de Lisboa Faculdade de Ciências, Portugal
2016/05/24	Medicamentos Biossimilares Panorama Atual e Desafios Futuros (Thesis) Main arguer	André Fornelos de Vasconcelos Cavaleiro Madeira (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2016/02/24	Desenvolvimento e caracterização de sistemas automicroemulsificantes a partir de um extrato seco de Passiflora incarnata L. (Thesis) Main arguer	Inês de Almeida e Sousa e Norte (Master) Universidade de Coimbra Faculdade de Farmácia, Portugal
2015/09/30	Image-guided drug delivery using Fe-deferoxamine loaded temperature-sensitive liposomes (Thesis) Main arguer	Adriana Martins Fernandes (Master) Universidade de Lisboa Faculdade de Ciências, Portugal
2015/07/16	Nanotecnologia aplicada a produtos cosméticos (Thesis) Main arguer	Claúdia Patrícia Cancelinha Cunha (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2014/12/12	Drug delivery of methyl-carboxilated 5-fluorouracil by means of human serum albumin microcarriers (Thesis) Main arguer	Ana Rita Estevão Rocha (Master) Universidade de Lisboa Faculdade de Ciências, Portugal
2014/07/21	Silica nanoparticles in oral peptide delivery for Diabetes Mellitus control and treatment (Thesis) Main arguer	Tatiana Andreani (PhD) Universidade de Trás-os-Montes e Alto Douro, Portugal
2014/03/19	Nanotecnologia aplicada à pele (Thesis) Main arguer	Joana Carrapiço Gonçalves (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal

2014/01/15	Novos avanços da nanotecnologia na terapia oncológica (Thesis) Main arguer	Patrícia Maria Domingos de Sousa Carneiro Brochado (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2014/01/14	Boas práticas de fabrico de medicamentos para uso humano (Thesis) Main arguer	Bruno Gonçalves Gouveia (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2013/12/05	Nanotecnologia aplicada ao tratamento do acne (Thesis) Main arguer	Ana Patrícia Almeida Gomes (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal
2013/03/14	Controlo de qualidade de formas farmacêuticas estéreis (Thesis) Main arguer	Beatriz Vaz Morgado Esteves Mourato (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal

Association member

	Society Organization	Role
2017/04/03 - Current	Researcher at iMed.Ulisboa	Researcher
2015/01/01 - Current	Collaborator, Researcher at IBEB-FCUL	Researcher
2003 - Current	Ordem dos Farmacêuticos	
2011 - 2021	Sociedade Portuguesa de Ciências Cosmetológicas	

Consulting

	Activity description	Institution / Organization
2017/01/09 - Current	PK assessor	Infarmed Autoridade Nacional do Medicamento e Produtos de Saúde IP, Portugal

Distinctions

Award

2021	AIMS Meeting Research Competition Universidade Nova de Lisboa Faculdade de Ciências Médicas, Portugal
2018	Young Investigator's Projects for Collaborative Cross-disciplinary Studies
2013	Douro Entrepreneur Award
2013	Prémio Lusófona em Dermatocosmética

2012	Lusophone University in Dermato-cosmetic Award
2009	Bluepharma / University of Coimbra (Best PhD Thesis in health sciences)
2006	BES National Innovation Award

Other distinction

2020	Premio Extraordinario de Doctorado – UAH Universidad de Alcalá de Henares, Spain
2019	Premio Extraordinario de Doctorado – UAH Universidad de Alcalá de Henares, Spain