

Curriculum Vitae

1. Complete Name

JOANA RITA MENDES CARDOSO VAZ

2. Personal Data

Date of Birth: 19.06.1973

ID card/Citizen card: 10153038

Biologist College Professional Licence number: 2145

Civil status: Married

Address: RUA HERCULANO DE CARVALHO 19, 2700-270 AMADORA, PORTUGAL

Cell Phone: +351 91 4079564

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3. Academic Degrees

Date	Academic Degree	Institution	Title	Supervisor
14.02.2007	PhD in Medical Sciences	Leiden University Medical Center, Leiden University, Holanda	Familial Colorectal Cancer, Omics and all that jazz ¹	Riccardo Fodde
27.03.2001	Masters in Human Molecular Biology	Faculdade de Medicina, Universidade de Lisboa, Portugal	Mapping, cloning and characterization of the regions in chr. 7 involved in the t(1;7) (q32.1;p15.1) translocation associated with familial blindness	Deszo David
30.07.1996	Graduation in Biology, Microbiology and Genetics (5 years course)	Faculdade de Ciências, Universidade de Lisboa, Portugal	---	---

1. <https://openaccess.leidenuniv.nl/handle/1887/9922>

4. Complementary vocational training

- *Life Technologies "Ion Field Application Training (Ion Chef)" Training Course*

14-15 September 2015, Thermo Fisher Scientific, Lisbon, Portugal; no classification; 16h

- *Life Technologies "PGM System Training" Course*

19-21 May 2015, Thermo Fisher Scientific, Glasgow, Scotland; no classification; 24h

- *CSDM14 "Chromosome structure determination using modelling and Hi-C data"*

25-28 November 2014, The Gulbenkian Training Programme in Bioinformatics, Instituto Gulbenkian de Ciência, Oeiras, Portugal; no classification; 32h

- *Course WESRDA13 "Whole Exome Sequencing and RNA-seq data analysis"*

8-11 October 2013, The Gulbenkian Training Programme in Bioinformatics, Instituto Gulbenkian de Ciência, Oeiras, Portugal; no classification; 32h

- *FEBS Advanced Lecture Course "Molecular Mechanisms in Signal Transduction and Cancer"*

16-24 August 2013, European Association for Cancer Research and Cancer Genomics Netherlands, Spetses, Greece; no classification; 72h

- *Course BPB11 (Bioinformatics using Python for Biologists)*

2-6 May 2011, The Gulbenkian Training Programme in Bioinformatics, Instituto Gulbenkian de Ciência, Oeiras, Portugal; no classification; 40h

- *Course PA10 "Pathway Analysis and Drug Targetting"*

18-20 October 2010, The Gulbenkian Training Programme in Bioinformatics, Instituto Gulbenkian de Ciência, Oeiras, Portugal; no classification; 24h

- *Workshop "Computational and Statistical Aspects of Microarray Analysis (CSAMA08)"*

15-20 June 2008, Marie Curie Research Training Network, Bressanone-Brixen, Italy; no classification; 48h

- *Workshop "Alternative Splicing and Disease"*

20-25 July 2009, Institute Genetique Moleculaire Montpellier, University of Montpellier, Montpellier, France; no classification; 40h.

- *Marie Curie "Worshop on arrayCGH and Molecular Cytogenetics"*

13-18 February 2005, Leiden University Medical Center, Leiden University, Leiden, The Netherlands; no classification; 48h.

5. Professional Experience

March 2015-present

Ophiomics and Centro de Medicina Laboratorial Germano de Sousa, Lisbon, Portugal

Scientific Director of Ophiomics and Genetic's Lab Co-Director of Centro de Medicina Laboratorial Germano de Sousa. Responsible for development, implementation of genetic tests applied to Diagnostics and/or Research in Oncology and other Chronic Diseases. Supervisor and decision-maker of all laboratorial activities which includes all diagnostics and research data.

January 2011-February 2015

Instituto Gulbenkian de Ciência (IGC), Oeiras, Portugal

Post-Doc researcher at the Unit of Computational Genomics Laboratory (PI: Dr. José Pereira Leal. Manager of all Cancer Translational Research in the Lab and supervisor of Students (pre-graduated, Masters and PhD students). Data analysis of microarray (Expression and ArrayCGH) and sequencing (Sanger and NGS) data.

September 2009- September 2010

Institute of Molecular Medicine, Lisbon, Portugal

Assistant Teacher in Oncobiology (3rd Year of Medical School). Responsible for part of practical classes and of classification. Main Teachers: Prof. Luis Costa and Prof. Maria do Carmo Fonseca.

2006-December 2010

Institute of Molecular Medicine, Lisbon, Portugal

Post-Doc researcher at the Molecular Biology of Chromatin Unit (PI: Dr. João Ferreira) and Cellular Biology Unit (Dr. Maria do Carmo Fonseca) on Aging and Splicing Projects.

2001-2005

Leiden University Medical Center, Leiden, The Netherlands

Research as a PhD-student at the Human Genetics Department. Developing molecular biology techniques and producing data on Human Cancer projects. Working in Collaboration with the Dept. Molecular and Cellular Biology on the implementation of molecular cytogenetic techniques (arrayCGH, COBRA-FISH, etc) for the diagnostics of cancer and hereditary diseases. Data analysis of microarray (Expression and ArrayCGH) data.

2004-2005

Erasmus Medical School, ERASMUS University, Rotterdam, The Netherlands

Research as a PhD-student at the Dept. of Pathology, Josephine Nefkens Institute. Developing molecular biology techniques and producing data on Human Cancer projects in collaboration with Leiden University Medical Center Departments.

1998-2001

Centro de Genética Humana, Instituto Nacional de Saúde Dr. Ricardo Jorge, Lisbon, Portugal.

Research as a Masters student and Assistant Researcher. Implementation of techniques for the refinement of translocation breakpoints and mutation screening of hereditary diseases. Coordinator: Dr. Deszo David

2000

Escola Secundária Camilo Castelo Branco, Lisbon, Portugal

Substitute teacher on the subjects "Natural Sciences" and "Biology".

6. Scientific and Teaching Activities:

- *Participation and/or coordination of research projects*

Projects being currently developed at OPHIOMICS-Precision Medicine/Centro de Medicina Laboratorial Germano de Sousa:

- In collaboration with Hospital Curry Cabral: "HepatoPredict - A decision tool for Liver Transplantation based on molecular signature". This is a R&D translational medicine project with a patent under submission.
- In collaboration with Astrazeneca: "Prospective comparative ctDNA vs tissue methodology study, to identify T790M- EGFR mutation frequency in Portuguese patients with advanced NSCLC, on progression from a previous TKI therapy (PROPAN)."
- In collaboration with Nova Medical School- FCM-UNL. Terry Fox Grant (Liga Portuguesa Contra o Cancro) "Breast Cancer: clinical significance of variants of unknown significance (VUSs) in homologous recombination repair genes - from sequencing to functional analysis in familial breast cancer patients"
- Research projects as part of the Consortium "The Cause And Consequence Of Centrosome And Ploidy Abnormalities In Human Cancer Using Barrett's Esophagus as a Model", Harvard Medical School (USA) - Portugal Program. Units involved: Computational Genomics Laboratory (PI: Dr. José Pereira Leal) and Cell Cycle Regulation (PI: Monica Bettencourt Dias).
 - o Sub-project "Timing and regulation of centrosome amplification in human tumorigenesis"

Projects developed at the Computational Genomics Laboratory, Instituto Gulbenkian de Ciência. Unit Coordinator: Dr. José Pereira Leal.

- Research projects as part of the Consortium "The Cause And Consequence Of Centrosome And Ploidy Abnormalities In Human Cancer Using Barrett's Esophagus as a Model", Harvard Medical School (USA) - Portugal Program. Units involved: Computational Genomics Laboratory (PI: Dr. José Pereira Leal) and Cell Cycle Regulation (PI: Monica Bettencourt Dias).
 - o Sub-project_1: "Early biomarkers of Barrett's Esophagus malignant progression"
 - o Sub-project_2 "Prognostic value of centrosome alterations in breast cancer"
- In collaboration with IPO and Pfizer: "Phase II study of neoadjuvant treatment Sunitinib and Docetaxel in breast cancer".

Projects developed at the Molecular Biology of Chromatin Unit, Institute of Molecular Medicine, Faculty of Medicine, University of Lisbon. Unit Coordinator: Prof. Dr. João Ferreira.

- o Project "Cellular senescence in the context of cancer chemotherapy - the role of chromatin biogenesis. - In-silico Meta-analysis of microarray data in the context of Human Aging, Replicative Senescence and Accelerated Senescence."
- Projects developed in partnership with the Cellular Biology Unit, Institute of Molecular Medicine, Faculty of Medicine, University of Lisbon. Unit Coordinator: Prof. Dr. Maria do Carmo Fonseca.
 - o Project "Role of transcriptional and splicing alterations in human aging. "

Project developed at the Centro de Genética Humana, Instituto Nacional de Saúde Dr. Ricardo Jorge, Lisbon, Portugal.

- o Project: "Molecular refinement of translocation breakpoints and mutation screening"

of the candidate genes identified, responsible for a specific ocular hereditary disease". Coordinator: Dr. Deszo David

• *Scientific Publications*

Lopes CAM, Mesquita M, Cunha AI, Cardoso J, Carapeta S, Laranjeira C, et al. Centrosome amplification arises before neoplasia and increases upon p53 loss in tumorigenesis. *J Cell Biol.* 2018 May 8;55:jcb.201711191-16.

Link: <http://jcb.rupress.org/content/early/2018/05/07/jcb.201711191>

Tavares S, Vieira AF, Taubenberger AV, Araújo M, Martins NP, Brás-Pereira C, Polónia A, Herbig M, Barreto C, Otto O, Cardoso J, Pereira-Leal JB, Guck J, Paredes J, Janody F. Actin stress fiber organization promotes cell stiffening and proliferation of pre-invasive breast cancer cells. *Nat Commun.* 2017 May 16;8:15237.

link: <http://nature.com/articles/ncomms15237>

Braga S*, Cardoso J*, Andre S, Brito M, Sanchez P, Orvalho L, Salgado L, Dias S, Pereira-Leal JB, Passos-Coelho JL. Does Hypoxic Response Mediate Primary Resistance to Sunitinib in Untreated Locally Advanced Breast Cancer? *Curr Cancer Drug Targets.* 2017;17(1):62-73.

link: <https://eurekaselect.com/146660/article>

Cardoso J, Mesquita M, Dias Pereira A, Bettencourt-Dias M, Chaves P, Pereira-Leal JB. CYR61 and TAZ Upregulation and Focal Epithelial to Mesenchymal Transition May Be Early Predictors of Barrett's Esophagus Malignant Progression. Lynch JP, editor. *PLoS ONE.* 2016 Sep 1;11(9):e0161967-19.

link: <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0161967>

Gaspar C*, Cardoso J*, Franken P, Molenaar L, Morreau H, Moslein G, Sampson J, Boer JM, de Menezes RX, Fodde R, shared co-authorship. Cross-species comparison of human and mouse intestinal polyps reveals conserved mechanisms in adenomatous polyposis coli (APC)-driven tumorigenesis. *Am J Pathol.* 2008 ed. 2008 May;172(5):1363-80.

link: [http://ajp.amjpathol.org/article/S0002-9440\(10\)61895-0/fulltext](http://ajp.amjpathol.org/article/S0002-9440(10)61895-0/fulltext)

Agostinho M, Santos V, Ferreira F, Costa R, Cardoso J, Pinheiro I, Rino J, Jaffray E, Hay RT, Ferreira J. Conjugation of human topoisomerase 2 alpha with small ubiquitin-like modifiers 2/3 in response to topoisomerase inhibitors: cell cycle stage and chromosome domain specificity. *Cancer Res.* 2008 ed. 2008 Apr 1;68(7):2409-18.

link: <http://cancerres.aacrjournals.org/content/68/7/2409.long>

Cardoso J, Boer J, Morreau H, Fodde R. Expression and genomic profiling of colorectal cancer. *Biochim Biophys Acta.* 2006 ed. 2007 Jan;1775(1):103-37.

link: <http://sciencedirect.com/science/article/pii/S0304419X06000527>

Alberici P, de Pater E, Cardoso J, Bevelander M, Molenaar L, Jonkers J, Fodde R. Aneuploidy arises at early stages of Apc-driven intestinal tumorigenesis and pinpoints conserved chromosomal loci of allelic imbalance between mouse and human. *Am J Pathol.* 2007 ed. 2007 Jan;170(1):377-87.

link: [http://ajp.amjpathol.org/article/S0002-9440\(10\)60861-9/fulltext](http://ajp.amjpathol.org/article/S0002-9440(10)60861-9/fulltext)

Cardoso J, Molenaar L, de Menezes RX, van Leerdam M, Rosenberg C, Moslein G, Sampson J, Morreau H, Boer JM, Fodde R. Chromosomal instability in MYH- and APC-mutant adenomatous polyps. *Cancer Research*. 2006 ed. 2006 Mar 1;66(5):2514–9.

link: <http://cancerres.aacrjournals.org/content/66/5/2514.long>

Cardoso J, Molenaar L, de Menezes RX, Rosenberg C, Morreau H, Moslein G, Fodde R, Boer JM. Genomic profiling by DNA amplification of laser capture microdissected tissues and array CGH.

Nucleic Acids Res. 2004 ed. 2004;32(19):e146.

link: <http://academic.oup.com/nar/article-lookup/doi/10.1093/nar/gnh142>

David D, Cardoso J, Marques B, Marques R, Silva ED, Santos H, Boavida MG. Molecular characterization of a familial translocation implicates disruption of HDAC9 and possible position effect on TGFbeta2 in the pathogenesis of Peters' anomaly. *Genomics*. 2003rd ed. 2003 May;81(5):489–503.

link: <http://sciencedirect.com/science/article/pii/S0888754303000466>

- *Teaching at University Level (pre and post-graduate)*

2015-present OPHIOMICS/Centro Laboratorial Germano de Sousa, Lisboa, Portugal

Invited lecturer of the subject “Laboratório de Bioinformática”, integrated in the Licenciatura em Bioinformática, from Escola Superior de Tecnologia do Barreiro, Instituto Politécnico de Setúbal, Barreiro, Portugal, April 2018 (3h)

Invited lecturer of the subject “Tópicos Avançados em Bioinformática”, integrated in the Bioquímica para a Saúde Masters Course, from Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa, Oeiras, Portugal, March 2018 (3h)

Invited lecturer of the subject “Oncologia Clínica”, integrated in the Oncobiologia - Mecanismos Moleculares do Cancro Masters Course, from Reitoria - Centro de Novos Projectos, Universidade do Algarve, Faro, Portugal, May 2017 (3h)

2011-2014 Institute Gulbenkian de Ciência, Oeiras, Portugal

Invited lecturer of the subject “Research in Bioinformatics FCUL”, integrated in the Oncology Masters course, from Faculty of Sciences, University of Lisbon, Lisbon, Portugal

Invited lecturer of the subject “Research in Bioinformatics FCUL”, integrated in the Bioinformatics Masters course, from Faculty of Sciences, University of Lisbon, Lisbon, Portugal

2013 Co-supervisor and lecturer of the subject “Research in Bioinformatics FCUL”, integrated in the Bioinformatics Masters course, from Faculty of Sciences, University of Lisbon, Lisbon, Portugal

2012 Invited lecturer of the subject “Research in Bioinformatics FCUL”, integrated in the Bioinformatics Masters course, from Faculty of Sciences, University of Lisbon, Lisbon, Portugal

Invited Lecturer of the subject “Biologia Computacional and Genomica”, integrated in the “Biologia Evolutiva e do Desenvolvimento” Masters course, from Faculty of Sciences, University of Lisbon, Lisbon, Portugal

2011 Invited Lecturer of the subject “Research in Bioinformatics FCUL”, integrated in the Bioinformatics Masters course, from Faculty of Sciences, University of Lisbon, Lisbon, Portugal

Invited Lecturer at the Gene Expression module of the 3rd Gulbenkian/FCT Programme for Advanced Medical Education

2011 Invited Lecturer at the Gene Expression module of the 3rd Gulbenkian/FCT Programme for Advanced Medical Education

2007-2010 Institute of Molecular Medicine, Faculty of Medicine, University of Lisbon, Lisbon, Portugal

2010 Invited Lecturer at the Gene Expression module of the 2nd Gulbenkian/FCT Programme for Advanced Medical Education

2009/2010 Lecturer and Evaluation at the subject Oncobiology (3rd year, Integrated Masters Course in Medicine, Faculty of Medicine, University of Lisbon, Lisbon, Portugal). Oncobiology chairs: Prof. Luís Costa and Prof. Maria Carmo-Fonseca.

February 2005 Dept. Molecular and Cellular Biology, Leiden University Medical Center, Leiden, The Netherlands

Lecturer and coaching activities on the Marie Curie Practical Course on Array CGH applications by invitation of Prof. Dr. Hans Tanke.

June 2004 ERASMUS Medical School, ERASMUS University, The Netherlands

Invited Lecturer on the Course “Signaling pathways and embryological development”, for second year students of Biomedical Sciences by invitation of Prof. Dr. Roland Kanaar.

January-August 2003 Center for Human and Clinical Genetics, University Medical Center, Leiden, The Netherlands

Amersham Biosciences GenomiPhi Trial project. Report available online, at www.amersham.com

1999 - 2000 Escola Superior de Tecnologia da Saúde de Lisboa, Lisboa, Portugal

Invited Lecturer and students co-evaluation on the subject “New Technologies” from the Courses: «Pathological Anatomy and Clinical Analysis» and «Public Health», by invitation of Dr. Hildeberto Correia.

Lecturer and students co-evaluation on in the 6th Postgraduation Course in “Cytogenetics and molecular biology”, by invitation of Dr. Hildeberto Correia.

• *Pre-and postgraduate training of trainees, interns of specialty, students and other collaborators*

2015-present Ophiomics/Centro de Medicina Laboratorial Germano de Sousa, Lisboa, Portugal

2016-present Co-Supervision of PhD Thesis of Sara Carapeta (“Development of pharmacogenomics tools for pancreatic cancer”), Doutoramento em Biomedicina (NMS | FCM - Universidade NOVA de Lisboa) at OPHIOMICS Lab, Lisbon, Portugal. (>100h).

2015-2018 Co-Supervision of PhD Thesis of Hugo Silva Carvalho Pinto Marques (“Decisão Clínica no Transplante Hepático por Hepatocarcinoma: um Estudo de Factores de Prognóstico Clínicos e Moleculares”), Doutoramento em Medicina (NMS | FCM - Universidade NOVA de Lisboa) at OPHIOMICS Lab, Lisbon, Portugal. (>100h)

2019-present Co-Supervision of Master’s Thesis of Mariana Gil from Escola Superior de Tecnologia da Saúde de Lisboa, Lisbon, Portugal

2011-2016 **Instituto Gulbenkian de Ciência, Oeiras, Portugal**

2014 to 2016 Co-Supervision of PhD Thesis bioinformatics tasks of Madalena Carneiro from the Telomeres Lab, Instituto Gulbenkian de Ciência, Oeiras, Portugal

2012-2013 Co-Supervision of PhD Thesis bioinformatics tasks of Sandra Tavares from the Actin Dynamics Lab, Instituto Gulbenkian de Ciência, Oeiras, Portugal.

Supervision of Telma Carrilho experimental work, on the Terry Fox project “The predictive power and mechanism of centrosome alterations in breast cancer and their possible therapeutic application”, Instituto Gulbenkian de Ciência, Oeiras in partnership with Instituto Português de Oncologia de Lisboa. Lisbon, Portugal

Supervision of Susana Lopes, from Imperial College, London, UK, on the 2012 Summer project “Random expectation models for meta-analysis of differential gene expression Oesophageal Adenocarcinoma and Barrett’s Oesophagus”.

2007-2011 **Faculdade de Medicina da Universidade de Lisboa, Portugal**

2009 Coaching of Tiago Reis Matos (2nd year Medicine student). GAPIC project entitled “Molecular Validation of candidate regulators of Accelerated Senescence phenotypes”.

Main supervisor of Hélio Doyle Pereira da Silva (Masters student). Masters in "Bioestatística" with Thesis entitled “Human Aging: a metaanalysis study”.

Co-supervisor of Inês Teles Alves (Masters student). Masters in “Biologia Molecular Humana” with Thesis entitled “Role of BCA1-DNA topoisomerase II (TOP2) in the regulation of chromatin structure and cell cycle progression”.

2008 Coaching of the students Ana Afonso; Andreia Agostinho, Telma Pereira, Márcia Santos on the project entitled “Gene expression profiling of cellular aging in post-mitotic tissues using microarray technology”, 1st year subject “Introdução à Engenharia Biomédica”, integrated in the Masters course "Mestrado Integrado em Engenharia Biomédica”, Instituto Superior Técnico, Universidade Técnica de Lisboa e Faculdade de Medicina da Universidade de Lisboa, Portugal.

2007-2008 Coaching of Maria Sá Pereira Celestino Soares (2nd year Medicine student) on a GAPIC project entitled “Senescência em células tumorais: importância dos sistemas de reparação”.

2005 **Dept. of Pathology, Josephine Nefkens Institute, Erasmus Medical Center, ERASMUS University, Rotterdam, The Netherlands**

Coaching and supervision of M. van Leerdam (Gastroenterology M.D.) on the project

entitled "KRAS and BRAF genes mutation screening on laser capture microdissected epithelial cells from hereditary polyposis patients". Coordinator: Prof. Dr. Riccardo Fodde.

• *Relevant courses, congresses, workshops and seminars*

2018 Cardoso J, "The clinical value of DNA and RNA Liquid Biopsies in a case of prostate cancer", Oral communication at **22a Reunião da Sociedade Portuguesa de Genética Humana, November 2018**, Porto, Portugal.

Cardoso J, "Prognostic and Mutational Genomic Signatures of Breast Cancers in the era of Precision Medicine", Poster Communication at **22a Reunião da Sociedade Portuguesa de Genética Humana, November 2018**, Porto, Portugal.

2017 Cardoso J, "Clinical use of Liquid Biopsies in Cancer Precision Medicine", Oral communication at **21a Reunião da Sociedade Portuguesa de Genética Humana, October 2017**, Aldeia dos Capuchos (Caparica), Portugal.

Cardoso J, "A novel ATM mutation in familial breast cancer", Poster presented at **21a Reunião da Sociedade Portuguesa de Genética Humana, October 2017**, Aldeia dos Capuchos (Caparica), Portugal.

Cardoso J, "Liquid biopsies in oncology", Oral communication at Semana Digestiva 2017, 9 Junho 2017, Armação de Pêra, Portugal.

Leaping Forward Oncology International Clinical Congress; attendee; May 2107, Lisbon, Portugal

Encontros da Primavera 2017; attendee; April 2017, Évora, Portugal

Molecular Diagnostics Europe "Cell-Free DNA in Clinical Oncology: Strategies for Bringing Liquid Biopsies to the Clinic"; attendee; April 2017, Lisbon Portugal

2016 Cardoso J & Ophiomics Team, "NGS in cancer and chronic disease", Oral communication at the Ion World 2016, October 2016, Lisbon, Portugal.

Molecular Diagnostics Europe "Circulating Cell-Free DNA: Strategies for Bringing Liquid Biopsies to the Clinic"; attendee; April 2016, Lisbon Portugal

2015 Molecular Diagnostics Europe "Circulating Cell-Free Nucleic Acids: Pushing the Limits of Sensitivity in Cancer Diagnostics"; attendee; April 2015, Lisbon Portugal

2014 Cardoso J, Marteil G, Guerrero A, Braga S, Mesquita M, Carrilho, Karagoez M, Tavares S, Janody F, Godinho S, Pellman D, Bettencourt-Dias M, Pereira-Leal J. "Centrosome clustering is widespread in cancer, occurs upon invasion and has prognostic value" Poster presented at EMBO Conference Centrosomes and spindle pole bodies, September 2014, Lisbon, Portugal.

2013 Cardoso J, Mesquita M, Dias Pereira A, Chaves P, Pereira-Leal J, "The two stemness-associated genes CYR61 and TAZ are early markers of Barrett's esophagus malignant progression", Poster presented at the FEBS advanced lecture course "Molecular Mechanisms in Signal Transduction and Cancer", August 2013, Spetses, Greece.

Cardoso J, Mesquita M, Dias Pereira D, Chaves P, Bettencourt-Dias M, Pereira-Leal J. "CYR61 e TAZ, associados ao fenótipo transição epitélio-mesênquima são marcadores precoces de

progressão maligna em esófago de Barrett." Oral communication at Semana Disgestiva 2013, Junho 2013, Vilamoura, Portugal.

2012 Mesquita M, Cardoso J, Dias Pereira A, Chaves P, Pereira-Leal J, "WWTR1 and CYR61 are early markers of Barrett's esophagus malignant progression", oral communication at the 24th European Congress of Pathology, September 2012, Prague, Czech Republic.

Cardoso J, Mesquita M, Dias Pereira A, Chaves P, Pereira-Leal J, "WWTR1 and CYR61 are early prognostic markers of Barrett's esophagus malignant progression", Poster presented at the 22nd Biennial Congress of the European Association for Cancer Research, July 2012, Barcelona, Spain.

2010 Cardoso J, Grosso AR, Carmo-Fonseca M, Ferreira J, "Molecular crossroads of aging and senescence", Poster presented at the EMBO Conference - From Functional Genomics to Systems Biology, November 2010, Heidelberg, Germany.

2009 Cardoso J, Grosso AR, Hallay H, Carmo-Fonseca M, Ferreira J, "The contribution of alternative splicing to drug-induced accelerated senescence", Poster presented at the International Workshop on High Throughput Technologies for Alternative Splicing, February 2009, Valencia, Spain.

Hallay H, Cardoso J, Grosso AR, Ferreira J, Carmo-Fonseca M, "Splicing in human aging", Poster presented at the International Workshop on High Throughput Technologies for Alternative Splicing, February 2009, Valencia, Spain.

Cardoso J, Grosso AR, Hallay H, Carmo-Fonseca M, Ferreira J, "The contribution of mitosis-related genes to drug-induced accelerated senescence", Poster presented at the Mitosis and Cancer Symposium, February 2009, Amsterdam, The Netherlands.

2006 Cardoso J, "GenomiPhi whole genome amplification: applications to cancer arrayCGH", Oral communication by invitation at the Séminaires de Biotechnologie 2006, March 2006, Paris, France.

2005 Cardoso J, Molenaar L, de Menezes RX, Rosenberg C, Moeslein G, Sampson J, Morreau H, Boer J, Fodde R, "Molecular classification of hereditary polyposis syndromes by expression and genomic profiling", oral presentation at the International Society for Gastrointestinal Hereditary Tumours (InSiGHT), June 2005, Newcastle, UK.

Molenaar L, Cardoso J, de Menezes RX, Rosenberg C, Moeslein G, Sampson J, Morreau H, Boer J, Fodde R, "MYH-associated polyposis (MAP): a chromosomal instability syndrome?", 1st prize winner poster presented at the International Society for Gastrointestinal Hereditary Tumours (InSiGHT), June 2005, Newcastle, UK.

2004 Cardoso J and de Menezes RX "Smoothing and integrating genomic and expression profiles in Colorectal Cancer", Oral presentation at the Biology/Biostatistics Dual Presentations Symposium, October 2004, Amsterdam, The Netherlands.

Cardoso J, Molenaar L, de Menezes RX, Rosenberg C, Moeslein G, Morreau H, Boer J, Fodde R, "Molecular Classification of Familial Colorectal Cancer by Expression and Genomic Profiling", Oral communication at the MGC/UK Medical Council Joint Meeting 2004, May 2004, Leuven, Belgium.

Cardoso J, Molenaar L, de Menezes RX, Rosenberg C, Moeslein G, Morreau H, Boer J, Fodde R, "Molecular Classification of Familial Colorectal Cancer by Expression and Genomic Profiling",

Poster presented at NAV Symposium 2004, April 2004, Amsterdam, The Netherlands.

Cardoso J, Molenaar L, de Menezes RX, Rosenberg C, Moeslein G, Morreau H, Boer J, Fodde R, "Molecular Classification of Familial Colorectal Cancer by Expression and Genomic Profiling", 1st prize winner poster presented at Molecular Medicine Symposium 2004, February 2004, Rotterdam, The Netherlands.

Cardoso J., Molenaar L., Möslein G., Morreau H., Boer J., and Fodde R., "Molecular Classification of Familial Colorectal Cancer by Expression and Genomic Profiling", Oral communication at the Leeds Castle Polyposis Group and International Collaborative Group on Hereditary Non-Polyposis Colorectal Cancer Meeting, September 2003, Cleveland, USA. Proceedings in Familial Cancer (2003); 2(supp1): 37.

2002 Boer J, Cardoso J, Molenaar L, Rosenberg C, Moeslein G, Morreau H, Fodde R, "Developments and applications: Molecular Classification of Familial Colorectal Cancer by Expression and Genomic Profiling", Oral communication at NGFN/DHGP Joint Meeting 2002, November 2002, Berlin, Germany.

1996 Barros MF, Cardoso J and Machado Caetano JA, "C mutants and S mutants of Hepatitis B virus (HBV) in Portuguese patients", Poster presentation. In Proceedings of the X Biochemistry National Congress (1996), pp. 4-5, October 1996, Braga, Portugal.

7. IT Knowledge

General Software Packages

Practice in Windows, Macintosh and Linux operating systems on day-to-day usage. Intensive use of Word, Excel, Access, CorelDraw and PhotoPaint, PhotoShop (Adobe) and many others. Excellent knowledge of Internet-based Bioinformatics software of local software for manipulation of genetic sequences.

Microarray-based and Next Generation Sequencing-based Bioinformatics/ Biostatistics software

Excellent knowledge for high-throughput data mining (e.g. Rosetta Resolver, SpotFire Decision Site, Omniviz, and many others), statistical analysis (SAM, PAM, MatLab, Bioconductor/R platform, and many others) and signaling pathways analysis (e.g. PubGene, Ingenuity suite, MedMiner, and many others).

Examples of courses attended: "Computational and Statistical Aspects of Microarray Analysis (CSAMA08)", June 2008, Bressanone, Italy. "Pathway Analysis and Drug Targets", October 2010, IGC, Oeiras, Portugal, "Whole Exome Sequencing and RNA-seq data analysis", October 2013, Oeiras, Portugal.

Programming Languages

BASIC

R language programming

Python language programming

8. Language Skills

Portuguese

Native language.

English

Excellent knowledge and practice of the language for conversation, writing and reading.

French

Fair knowledge for reading, writing and simple conversation.

Dutch

Fair knowledge for reading and simple conversation.

9. Curriculum Vitae date and signature

Lisbon, 30 Setembro, 2019



Joana Rita Mendes Cardoso Vaz