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Researcher ID: [E-7548-2013](https://orcid.org/E-7548-2013)

- **EDUCATION**

- 2003 Ph.D., BIOLOGY**

- UNIVERSITY OF LONDON, IMPERIAL COLLEGE LONDON, LONDON, UK

- Thesis: *Expression, Localisation and Function of Rab27 Proteins*

- 1997 B.SC. (HONORS), MICROBIOLOGY AND GENETICS**

- UNIVERSIDADE DE LISBOA, FACULDADE DE CIÊNCIAS, LISBON, PORTUGAL

- Honors Thesis: *Towards the identification of the Schwartz-Jampel Syndrome gene*

- **EMPLOYMENT**

- NOV. 2012 – PRESENT** INVITED ASSISTANT PROFESSOR (*PROFESSOR AUXILIAR CONVIDADO*) AT UNIVERSIDADE NOVA DE LISBOA; FACULDADE DE CIÊNCIAS MÉDICAS; LISBON, PORTUGAL

- JUNE 2015 – PRESENT** PRINCIPAL INVESTIGATOR (*INVESTIGADOR PRINCIPAL*) AT UNIVERSIDADE NOVA DE LISBOA; FACULDADE DE CIÊNCIAS MÉDICAS; LISBON, PORTUGAL

- JULY 2009 – MAY 2015** PRINCIPAL INVESTIGATOR (*INVESTIGADOR AUXILIAR*) AT UNIVERSIDADE NOVA DE LISBOA; FACULDADE DE CIÊNCIAS MÉDICAS; LISBON, PORTUGAL

- 2008 – 2009** INSTRUCTOR IN MEDICINE AT HARVARD MEDICAL SCHOOL; BOSTON, MA, USA

- **RESEARCH ACTIVITIES**

JULY 2009 - PRESENT PRINCIPAL INVESTIGATOR AT UNIVERSIDADE NOVA DE LISBOA; FACULDADE DE CIÊNCIAS MÉDICAS; CENTRO DE ESTUDOS DE DOENÇAS CRÓNICAS; LISBON, PORTUGAL

The general aim of my group is to understand the regulation of membrane trafficking in the secretory and endocytic pathways and the related mechanisms that lead to human disease.

2003 – 2009 POST-DOCTORAL RESEARCH FELLOW AT HARVARD MEDICAL SCHOOL; BRIGHAM AND WOMEN'S HOSPITAL; DEPARTMENT OF MEDICINE; DIVISION OF RHEUMATOLOGY, IMMUNOLOGY AND ALLERGY; BOSTON, MA, USA

Under the supervision of Dr. Michael B. Brenner, investigated the intracellular trafficking of CD1 molecules. Found that CD1a and MHC Class I follow a similar endocytic recycling pathway that is clathrin- and dynamin-independent and Arf6-, Rab22a- and lipid raft-dependent. Also found that CD1a trafficking is regulated by Arl13b.

1999 – 2003 PHD STUDENT AT UNIVERSITY OF LONDON; IMPERIAL COLLEGE LONDON; DIVISION OF BIOMEDICAL SCIENCES; CELL AND MOLECULAR BIOLOGY SECTION; LONDON, UK

Under the supervision of Dr. Miguel C. Seabra, investigated the function of the small GTPase Rab27a. Found that Rab27b is functionally redundant with Rab27a and that the pathogenesis of Griscelli syndrome, caused by mutations in Rab27a, is determined by the relative expression of the two isoforms in specialized cell types.

1997 – 1999 TRAINEE AT UNIVERSIDADE DO PORTO; INSTITUTO DE BIOLOGIA MOLECULAR E CELULAR; PORTO, PORTUGAL

Served as trainee in the laboratory of Prof. Maria João Saraiva, developing monoclonal antibodies against modified forms of transthyretin, the cause of Familial Amyloidotic Polyneuropathy.

1996 – 1997 TRAINEE AT UNIVERSITY OF PARIS VII; INSERM U134; PITIÉ-SALPÉTRIÈRE HOSPITAL; PARIS, FRANCE

Served as trainee in the laboratory of Dr. Bertrand Fontaine, participating in the positional cloning of the gene for Schwartz-Jampel syndrome.

1996 – 1996 TRAINEE AT UNIVERSIDADE DE LISBOA; FACULDADE DE CIÊNCIAS; LISBON, PORTUGAL

Served as trainee under the supervision of Prof. Graça Fialho and Prof. Maria do Céu Correia, being responsible for PCR analysis of mitochondrial DNA polymorphisms in the Portuguese population.

- **AWARDS AND HONORS**

- 2014** *Investigador FCT* research contract, Portuguese Foundation for Science and Technology
- 2009** *Ciência 2008* research contract, Portuguese Foundation for Science and Technology
- 2007** Harvard Medical School Excellence in Tutoring Award
- 2005** Postdoctoral Fellowship, Arthritis Foundation
- 1999** Ph.D. Scholarship, Portuguese Foundation for Science and Technology
- 1997** Portuguese Foundation for Science and Technology Scholarship
- 1996** ERASMUS Scholarship, European Union
- 1993** Top ten 1st year student's Award, Faculty of Sciences, University of Lisbon

- **FUNDED PROJECTS**

September 2017 – August 2018; “Impairing tumor progression through the inactivation of the small G protein Arl13b”; NOVA Saúde, Universidade NOVA de Lisboa; Budget = 12,000€

April 2016 – March 2019; “Molecular mechanisms of cell migration and invasion: developing a new strategy to impair tumor progression” (PTDC/BIM-MEC/4905/2014); Fundação para a Ciência e a Tecnologia; Principal Investigator; Total budget = 198,942 €

June 2015 – May 2020; “Regulation of endocytic recycling traffic: implications for ciliogenesis, cell migration and cytokinesis” (IF/00501/2014/CP1252/CT0001); Fundação para a Ciência e a Tecnologia; Principal Investigator; Total budget = 50,000 €

April 2014 – September 2015; “Molecular mechanism of melanin transfer in skin pigmentation” (EXPL/BEX-BCM/0379/2013); Fundação para a Ciência e a Tecnologia; Investigator; Total budget = 45,840 €

January 2012 – June 2015; “A new approach to fight tuberculosis” (HMSP-ICT/0024/2010); Fundação para a Ciência e a Tecnologia; Co-Principal Investigator; Total budget = 197,387 €

March 2011 – August 2014, “Molecular mechanisms of melanosome transfer and processing by keratinocytes” (PTDC/BIA-BCM/111735/2009); Fundação para a Ciência e a Tecnologia; Principal Investigator; Total budget = 193,060 €

February 2010 – July 2013; “Subversion of the host endocytic pathway by *Plasmodium* sporozoites” (PTDC/SAU-MII/108206/2008); Fundação para a Ciência e a Tecnologia; Principal Investigator; Total budget = 199,584 €

April 2010 – September 2013; “Molecular dissection of the intracellular role of *Plasmodium* in macrophages and dendritic cells” (PTDC/SAU-MII/104622/2008); Fundação para a Ciência e a Tecnologia; Principal Investigator; Total budget = 199,920 €

2009-2010; Installation Grant Professor António Xavier for young scientists; Oeiras city council; Principal Investigator; Total budget = 30,000 €

October 2009 – September 2013; “Role of Arl13b in endocytic trafficking” (PIRG05-GA-2009-247726); Research Executive Agency – Marie Curie International Reintegration Grant; Principal Investigator; Total budget = 100,000 €

- **PUBLICATIONS**

1. Correia M.S., Moreiras H., Pereira F.J.C., Neto M.V., Festas T.C., Tarafder A.K., Ramalho J.S., Seabra M.C., Barral D.C. (2017) Melanin transferred to keratinocytes resides in non-degradative endocytic compartments. *J Invest Dermatol*. Oct 23. pii: S0022-202X(17)33065-8. doi: 10.1016/j.jid.2017.09.042. [Epub ahead of print]

2. Proença J.T., Barral D.C., Gordo I. (2017) Commensal-to-pathogen transition: One-single transposon insertion results in two pathoadaptive traits in *Escherichia coli* -macrophage interaction. *Sci Rep*. Jul 3;7(1):4504. doi: 10.1038/s41598-017-04081-1.
3. Casalou C., Faustino A., **Barral D.C.** (2016) Arf proteins in cancer cell migration. Small GTPases. Oct;7(4):270-282. Epub 2016 Sep 2. doi: 10.1080/21541248.2016.1228792
4. Encarnação M., Espada L., Escrevente C., Mateus D., Ramalho J., Michelet X., Santarino I., Hsu V.W., Brenner M.B., **Barral D.C.**, Vieira O.V. (2016) A Rab3a-dependent complex essential for lysosome positioning and plasma membrane repair. *J Cell Biol*. Jun 20;213(6):631-40. doi: 10.1083/jcb.201511093.
5. Gonçalves S.A., Macedo D., Raquel H., Simões P.D., Giorgini F., Ramalho J.S., **Barral D.C.**, Ferreira Moita L., Outeiro T.F. (2016) shRNA-Based Screen Identifies Endocytic Recycling Pathway Components That Act as Genetic Modifiers of Alpha-Synuclein Aggregation, Secretion and Toxicity. *PLoS Genet*. Apr 28;12(4):e1005995. doi: 10.1371/journal.pgen.1005995. eCollection 2016 Apr.
6. Seixas C., Choi S.Y., Polgar N., Umberger N.L., East M.P., Zuo X., Moreiras H., Ghossoub R., Benmerah A., Kahn R.A., Fogelgren B., Caspary T., Lipschutz J.H., **Barral D.C.** * (2016) Arl13b and the exocyst interact synergistically in ciliogenesis. *Mol Biol Cell*. Jan 15;27(2):308-20. doi: 10.1091/mbc.E15-02-0061. Epub 2015 Nov 18. *Corresponding Author.
7. Thieleke-Matos C., Lopes da Silva M., Cabrita-Santos L., Portal M.D., Rodrigues I.P., Zuzarte-Luis V., Ramalho J.S, Futter C.E., Mota M.M., **Barral D.C.** *, Seabra M.C.* (2016) Host cell autophagy contributes to *Plasmodium* liver development. *Cell Microbiol*. Mar;18(3):437-50. doi: 10.1111/cmi.12524. Epub 2015 Nov 4. *Corresponding Author.
8. Cláudio N., Pereira F.J.C., **Barral D.C.*** (2014) Membrane traffic and disease. In: eLS. John Wiley & Sons, Ltd: Chichester. *Corresponding Author
9. Thieleke-Matos C., Lopes da Silva M., Cabrita-Santos L., Pires C.F., Ramalho J.S., Ikononov O., Seixas E., Shisheva A., Seabra M.C., **Barral D.C.*** (2014) Host PI(3,5)P₂ activity is required for *Plasmodium berghei* growth during liver stage infection. *Traffic*. Oct;15(10):1066-82. doi: 10.1111/tra.12190. Epub 2014 Aug 21. *Corresponding Author
10. Chutna O., Gonçalves S., Villar-Piqué A., Guerreiro P., Marijanovic Z., Mendes T., Ramalho J., Emmanouilidou E., Ventura S., Klucken J., **Barral D.C.**, Giorgini F., Vekrellis K., Outeiro T.F. (2014) The small GTPase Rab11 co-localizes with α -synuclein in intracellular inclusions and modulates its aggregation, secretion and toxicity. *Hum Mol Genet*. Dec 20;23(25):6732-45. doi: 10.1093/hmg/ddu391. Epub 2014 Aug 4.
11. Casalou C., Seixas C. Portelinha A., Barros M., Pintado P., Ramalho J.S., Lopes S.S., **Barral D.C.*** (2014) Arl13b and the non-muscle myosin heavy chain IIA are required for circular dorsal ruffle formation and cell migration. *J. Cell Sci*. Jun 15;127(Pt 12):2709-22. doi: 10.1242/jcs.143446. Epub 2014 Apr 28. *Corresponding Author
12. Tarafder A.K., Bolasco G., Correia M.S., Pereira F.J.C., Iannone L., Hume A.N., Kirkpatrick N., Picardo M., Torrisi M.R., Rodrigues I.P., Ramalho J.S., Futter C.E., **Barral D.C.***, Seabra M.C.* (2014) Rab11b mediates melanin transfer between donor melanocytes and acceptor keratinocytes via coupled exo/endocytosis. *J. Invest. Dermatol*. Apr;134(4):1056-66. doi: 10.1038/jid.2013.432. Epub 2013 Oct 18. *Corresponding Author.
13. Seixas E., Barros M., Seabra M.C., **Barral D.C.*** (2013) Rab and Arf proteins in genetic diseases. *Traffic*. Aug;14(8):871-85. doi: 10.1111/tra.12072. Epub 2013 Apr 29. *Corresponding Author

14. **Barral D.C.***, Garg S., Casalou C., Watts G., Ramalho J.S., Hsu V.W., Brenner M.B.* (2012) Arl13b regulates endocytic recycling traffic. *Proc Natl Acad Sci U S A*. Dec 26;109(52):21354-9. doi: 10.1073/pnas.1218272110. Epub 2012 Dec 7. *Corresponding Author
15. Lopes da Silva M., Thieleke-Matos C., Cabrita-Santos L., Ramalho J.S., Wavre-Shapton S.T., Futter C.E., **Barral D.C.***, Seabra M.C.* (2012) The Host Endocytic Pathway is Essential for Plasmodium berghei Late Liver Stage Development. *Traffic*. Oct;13(10):1351-63. doi: 10.1111/j.1600-0854.2012.01398.x. Epub 2012 Aug 3. *Corresponding Author
16. Seixas E., Ramalho J.S., Mota L.J., **Barral D.C.***, Seabra M.C.* (2012) Bacteria and protozoa differentially modulate the expression of Rab proteins. *PLoS One*. 7(7):e39858. Epub 2012 Jul 20. *Corresponding Author
17. León L., Tatituri R.V., Grenha R., Sun Y., **Barral D.C.**, Minnaard A.J., Bhowruth V., Veerapen N., Besra G.S., Kasmar A., Peng W., Moody D.B., Grabowski G.A., Brenner M.B. (2012) Saposins utilize two strategies for lipid transfer and CD1 antigen presentation. *Proc Natl Acad Sci U S A*. Mar 20;109(12):4357-64. doi: 10.1073/pnas.1200764109. Epub 2012 Feb 13.
18. Garg S., Sharma M., Ung C., Tuli A., **Barral D.C.**, Hava D.L., Veerapen N., Besra G.S., Hacohen N., Brenner M.B. (2011) Lysosomal trafficking, antigen presentation, and microbial killing are controlled by the Arf-like GTPase Arl8b. *Immunity*. Aug 26;35(2):182-93. doi: 10.1016/j.immuni.2011.06.009. Epub 2011 Jul 28.
19. Zeissig S., Dougan S.K., **Barral D.C.**, Junker Y., Chen Z., Kaser A., Ho M., Mandel H., McIntyre A., Kennedy S.M., Painter G.F., Veerapen N., Besra G.S., Cerundolo V., Yue S., Beladi S., Behar S.M., Chen X., Gumperz J.E., Breckpot K., Raper A., Baer A., Exley M.A., Hegele R.A., Cuchel M., Rader D.J., Davidson N.O., Blumberg R.S. (2010) Primary deficiency of microsomal triglyceride transfer protein in human abetalipoproteinemia is associated with loss of CD1 function. *J Clin Invest*. Aug 2 ;120(8):2889-99. doi: 10.1172/JCI42703. Epub 2010 Jul 1.
20. Odyniec A.N., **Barral D.C.**, Garg S., Tatituri R.V., Besra G.S., and Brenner M.B. (2010) Regulation of CD1 antigen presenting complex stability. *J Biol Chem*. Apr 16;285(16):11937-47. doi: 10.1074/jbc.M109.077933. Epub 2010 Feb 4.
21. Van Rhijn I., Young D.C., De Jong A., Vazquez J., Cheng T.Y., Talekar R., **Barral D.C.**, León L., Brenner M.B., Katz J.T., Riese R., Ruprecht R.M., O'Connor P.B., Costello C.E., Porcelli S.A., Briken V. and Moody D.B. (2009) CD1c bypasses lysosomes to present a lipopeptide antigen with 12 amino acids. *J Exp Med*. Jun 8;206(6):1409-22. doi: 10.1084/jem.20082480. Epub 2009 May 25.
22. **Barral D.C.**, Cavallari M., McCormick P.J., Garg S., Magee A.I., Bonifacino J.S., De Libero G. and Brenner M.B. (2008) CD1a and MHC class I follow a similar endocytic recycling pathway. *Traffic*. Sep;9(9):1446-57. doi: 10.1111/j.1600-0854.2008.00781.x. Epub 2008 Jun 28.
23. **Barral D.C.** and Brenner M.B. (2007) CD1 antigen presentation: How it works. *Nat Rev Immunol*. Dec;7(12):929-41.
24. Sugita M., **Barral D.C.** and Brenner M.B. (2007) Pathways of CD1 and lipid antigen delivery, trafficking, processing, loading and presentation. *Curr Top Microbiol Immunol*. 314:143-164.
25. Miller M.M., Wang C., Parisini E., Coletta R.D., Goto R.M., Lee S.Y., **Barral D.C.**, Townes M., Roura-Mir C., Ford H.L., Brenner M.B. and Dascher C.C. (2005) Characterization of two

- avian MHC-like genes reveals an ancient origin of the CD1 family. *Proc Natl Acad Sci USA*. Jun 14;102(24):8674-9. Epub 2005 Jun 6.
26. Barral D.C. and Seabra M.C. (2004) The melanosome as a model to study organelle motility in mammals. *Pigment Cell Res*. Apr;17(2):111-8.
 27. Tiwari S., Italiano J.E. Jr., Barral D.C., Mules E.H., Novak E., Swank R.T., Seabra M.C. and Shivdasani R.A. (2003) A role for Rab27b in NF-E2-dependent pathways of platelet formation. *Blood* Dec 1;102(12):3970-9. Epub 2003 Aug 7.
 28. Gomes A.Q., Ali B.R., Ramalho J.S., Godfrey R.F., Barral D.C., Hume A.N. and Seabra M.C. (2003) Membrane targeting of Rab GTPases is influenced by the prenylation motif. *Mol Biol Cell*. May;14(5):1882-99. Epub 2003 Feb 6.
 29. Anand V., Barral D.C., Zeng Y., Brunsmann F., Maguire A.M., Seabra M.C. and Bennett J. (2003) Gene therapy for choroideremia: *in vitro* rescue mediated by recombinant adenovirus. *Vision Res*. Apr;43(8):919-26.
 30. Barral D.C., Ramalho J.S., Anders R., Hume A.N., Knapton H.J., Tolmachova T., Collinson L.M., Goulding D., Authi K.S. and Seabra M.C. (2002). Functional redundancy of Rab27 proteins and the pathogenesis of Griscelli syndrome. *J Clin Invest*. Jul;110(2):247-57.
 31. Hume A.N., Collinson L.M., Hopkins C.R., Strom M., Barral D.C., Bossi G., Griffiths G.M. and Seabra M.C. (2002). The leaden gene product is required with Rab27a to recruit myosin Va to melanosomes in melanocytes. *Traffic* Mar;3(3):193-202.
 32. Stinchcombe J.C., Barral D.C., Mules E.H., Booth S., Hume A.N., Machesky L.M., Seabra M.C. and Griffiths G.M. (2001). Rab27a is required for regulated secretion in cytotoxic T lymphocytes. *J Cell Biol*. Feb 19;152(4):825-34.
 33. Nicole S., Davoine C.S., Topaloglu H., Cattolico L., Barral D., Beighton P., Hamida C.B., Hammouda H., Cruaud C., White P.S., Samson D., Urtizberea J.A., Lehmann-Horn F., Weissenbach J., Hentati F. and Fontaine B. (2000). Perlecan, the major proteoglycan of basement membranes, is altered in patients with Schwartz-Jampel syndrome (chondrodystrophic myotonia). *Nat Genet*. Dec;26(4):480-3.

- **ORAL COMMUNICATIONS**

- 2017 Faculdade de Ciências da Universidade de Lisboa, Lisbon, Portugal, June 22nd 2017. *A New Role for Arl13b in Cancer Cell Migration and Tumor Formation*.
- 2016 Centro de Neurociências e Biologia Celular (CNC), Coimbra, Portugal, November 11th. *Manipulating Cell Migration and Invasion to Impair Cancer Progression*.
- 2016 1st Small Meeting on Endocytic Trafficking and Signaling, Braga, Portugal, April 29th. *Molecular Mechanisms of Melanin Transfer Between Melanocytes and Keratinocytes*.
- 2015 19th Meeting of the European Society for Pigment Cell Research, Edinburgh, UK, September 16th. *Molecular characterization of melanin uptake and processing by keratinocytes*.
- 2015 Faculdade de Ciências da Universidade de Lisboa, Lisbon, Portugal, March 12th. *Novel role for the small G protein Arl13b in cell migration and tumor formation*.

- 2014 Zing Conference on Lysosome Related Organelles**, Nerja, Spain, February 13th. *Interaction of malaria parasites with host late endocytic and autophagic pathways is essential for parasite liver stage development.*
- 2014 2nd Symposium on Rare Diseases – Joining All Stakeholders to Discuss Human Genetic Diseases**, Porto, Portugal, January 17th. *Unraveling trafficking for novel therapies to treat ciliopathies.*
- 2013 FASEB Conference on Arf and Rab Family G Proteins**, Snowmass Village, Colorado, USA, August 1st. *Arl13b Regulates Circular Dorsal Ruffle Formation and Cell Migration.*
- 2013 5th IFMSA's Training 4 Pre-Exchange Training**, Lisbon, Portugal, April 20th. *Laboratory Skills.*
- 2013 3rd Meeting on Molecular Biology in Health**, Caparica, Portugal, March 15th. *Mechanisms of Melanin Transfer Between Melanocytes and Keratinocytes.*
- 2013 Instituto de Tecnologia Química e Biológica (ITQB)**, Oeiras, Portugal, January 16th. *Immune Evasion Through Modulation of Rab and Arf Small GTPases Expression.*
- 2012 Instituto Gulbenkian de Ciência (IGC)**, Oeiras, Portugal, December 14th. *Novel Roles for the Ciliary Small GTPase Arl13b.*
- 2012 Cilia in Development and Disease Conference**, London, UK, May 17th. *Arl13b Regulates Early Endocytic Vesicle Trafficking.*
- 2012 XV National Meeting of Biology Students**, Coimbra, Portugal, April 1st. *Novel Cell- and Gene-based Therapies.*
- 2011 EMBO Conference on Dynamic Endosomes: Mechanisms Controlling Endocytosis**, Chania, Greece, September 27th. *Arl13b Regulates Early Endocytic Vesicle Trafficking.*
- 2010 Centro de Neurociências e Biologia Celular (CNC)**, Coimbra, Portugal, May 7th. *Endocytic Trafficking and the Primary Cilium.*
- 2010 Instituto de Investigação em Ciências da Vida e da Saúde (ICVS)**, Braga, Portugal, April 13th. *Endocytic Trafficking and the Primary Cilium.*
- 2010 Instituto de Ciência Aplicada e Tecnologia (ICAT) – Faculdade de Ciências da Universidade de Lisboa**, Lisbon, Portugal, January 28th. *Endocytic Recycling Trafficking and the Primary Cilium.*
- 2009 Faculdade de Ciências Médicas da Universidade Nova de Lisboa**, Lisbon, Portugal, July 10th. *Regulation of Endocytic Recycling Trafficking.*
- 2008 Instituto de Medicina Molecular (IMM)**, Lisbon, Portugal, July 16th. *The Intracellular Pathway of CD1a Antigen Presentation.*
- 2008 Instituto de Biologia Molecular e Celular (IBMC)**, Porto, Portugal, July 11th. *CD1a and MHC Class I Intracellular Trafficking Pathways.*
- 2008 Instituto Gulbenkian de Ciência (IGC)**, Oeiras, Portugal, July 9th. *The Intracellular Pathway of CD1a Antigen Presentation.*
- 2002 XXXVIII Conference in Genetics**, Porto, Portugal, January 17-19. **Duarte C. Barral**, José Ramalho, Ross Anders, Lucy M. Collinson, David Goulding, Giovanna Bossi, Gillian M. Griffiths, Kalwant S. Authi and Miguel C. Seabra. *Functional Redundancy of Rab27 proteins: Clues to the Pathogenesis of Griscelli Syndrome.*

2001 4th UK Platelet Meeting, Cambridge, United Kingdom, July 19-20. **Duarte C. Barral**, Kalwant S. Authi, Lucy M. Collinson, Colin R. Hopkins and Miguel C. Seabra. *Platelet Phenotype in Mouse Models of Griscelli and Hermansky-Pudlak Syndromes*.

- **CONFERENCE ORGANIZATION**

1st – 2nd May 2017 – Organizer of the *8th Meeting on Signal Transduction SINAL*; Lisbon Portugal

18th – 23rd September 2016 – Chair of the session on GTPases and disease of the *FASEB Conference on GTPases in Trafficking, Autophagy and Disease*, West Palm Beach, Florida, USA

30th June – 1st July 2016 – Member of the Scientific Committee of the *1st CEDOC Symposium on Chronic Diseases*; Lisbon, Portugal

28th April – 2nd May 2016 – Member of the Scientific Committee of the *1st Small Meeting on Endocytic Trafficking and Signaling*; Braga, Portugal

9 – 12th September 2013 – Organizer of the *18th Meeting of the European Society for Pigment Cell Research*; Lisbon, Portugal

- **COMPLETED SUPERVISIONS**

Abul Tarafder, Post-doctoral fellow

Ana Portelinha, PhD student

Carolina Thieleke-Matos, PhD student

Elsa Seixas, Post-doctoral fellow

Hugo Moreiras, Master student

João Pedro Santos, Master student

Laura Cabrita-Santos, Post-doctoral fellow

Lília Espada, Post-doctoral fellow

Liliana Lopes, Master student

Maria Serrano Correia, PhD student

Nuno Cláudio, Post-doctoral fellow

Francisco Pereira, Post-doctoral fellow

Tiago Festas, Master student

Daniela Vaqueirinho, Master student

- **REVIEW PANELS**

Ad-hoc reviewer for *Molecular Biology of the Cell*, *EMBO Journal*, *Nature Immunology*, *Journal of Cell Biology*, *Journal of Cell Science*, *PLoS Pathogens*, *Pigment Cell and Melanoma Research*, *FEBS Journal*, *American Journal of Physiology*, *Small GTPases* and *Photodermatology, Photoimmunology & Photomedicine*.

Grant reviewer for Faculdade de Medicina da Universidade de Coimbra and Academy of Finland

Pfizer Research Award Reviewer

Fundação AstraZeneca Innovate Competition

- **EDITORIAL BOARDS**

2017 – Editorial Board member, *Cellular Logistics*

2013 – Present – Review Editor, *Frontiers in Membrane Traffic* (Nature Publishing Group)

- **SERVICE**

March 2016 – Present – Member of the **Committee for the Evaluation of the New Curriculum** of the **Medical Degree** of **Faculdade de Ciências Médicas da Universidade Nova de Lisboa**

March 2016 – Present – Member of the **Committee for the PhD Programmes** of **Faculdade de Ciências Médicas da Universidade Nova de Lisboa**

Dec. 2015 – Present – Member of the **Scientific Advisory Board** of the **PhD Programme BioSYS** of **Faculdade de Ciências da Universidade de Lisboa**

Sep. 2015 – Present – Member of the **Scientific Council** of the Rare Diseases Association *Raríssimas*

July 2012 – Present – Coordinator of the **Biomedical and Translational Research Group** and Member of the **Directive Board** of **CEDOC**

May 2012 – Present – Member of the **Admissions Committee** of the **PhD Programme in Medicine and Life Sciences** of **Faculdade de Ciências Médicas da Universidade Nova de Lisboa**

Sep. 2010 – Present – Member elected of the **Scientific Council** of **Faculdade de Ciências Médicas da Universidade Nova de Lisboa**

Jan. 2010 – Present – Coordinator of the **Inter-University Doctoral Programme in Ageing and Chronic Diseases** (PhDOC – www.phdesc.org)

March 2006 – March 2007 – President of the Portuguese American Post-Graduate Society (PAPS)

- **PROFESSIONAL SOCIETIES MEMBERSHIP**

American Society for Cell Biology (ASCB)

European Society for Pigment Cell Research (ESPCR)

Sociedade Portuguesa de Bioquímica (SPB)

Portuguese American Post-Graduate Society (PAPS)