Eduardo José Silva

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Eduardo José Gil Duarte Silva, MD, PhD, FEBO

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Academic Qualifications
Professional Activity
1990 Degree in Medicine, University of Coimbra, Portugal (Best Student)
1991-92 General Internship, Hospitals of the University of Coimbra (CHUC), Portugal
1993-97 Complementary Internship in Ophthalmology, CHUC (Classification 19,4 / 20)
1994 - Jun/Jul Trainee in the Department of Medical Genetics, Academisch Ziekenhuis Groningen, The Netherlands
1997-98/1999-00 Clinical Fellowship in Hereditary Eye Diseases: The Wilmer Eye Institute, The Johns Hopkins Medical Institutions, Baltimore MD, USA.
Director of Fellowship: Irene Maumenee, MD
1997-01 Fellowship for Research in Ocular Development and Molecular Biology, The Wilmer Eye Institute, The Johns Hopkins Medical Institutions, Baltimore MD, USA.
Research Advisor: Olof H. Sundin, PhD
1998-99 Clinical Fellowship in Pediatric Ophthalmology and Strabismus, The Wilmer Eye Institute, The Johns Hopkins Medical Institutions, Baltimore, MD, USA.
Director of Fellowship: David L.Guyton, MD
2000-08 Coordinator of the Genetics Module. PhD Program, Faculty of Medicine, University of Valladolid, Spain
2000 Ago./ 2014 Sep. Assistant Graduate in Ophthalmology, Hospitals of the University of Coimbra. Portugal
2002 Jan. 2014 Sep. Responsible for the Center for

Excellence in Ocular Hereditary Diseases. Hospitals of the University of Coimbra
2003 Jun./ 2006 Jun. Consultant for Ocular Genetics and Pediatric Ophthalmology, Instituto OftalmoBiologia Aplicada (IOBA)
2006 Mar./ 2014 Feb. Responsible for the Sector of Pediatric Ophthalmology and Strabismus, Hospitals of the University of Coimbra
2011-17 Invited Professor Master's Program - Doctorate in Sight Sciences, Faculty of Medicine of Valencia, Spain
Sept.2016 Present Date Private medical practice (Consultant): Pediatric Ophthalmology / Pediatric Neurophthalmology / Genetics, Instituto de Olhos Carioca, Rio de Janeiro, Brazil
2014 Dec. Present date Responsible for Strabismus Sector - Santa Maria Hospital, Lisbon North Hospital Center, Lisbon
2004 Oct. 2017 Mar. Assistant Professor of Ophthalmology, Faculty of Medicine, University of Coimbra
2004 Oct./2016 Jul. Ophthalmologist of the Central Nucleus of the Central Cerebral Palsy Association (APCC)
2012-17 Guest Professor of the Basic Course of Ophthalmology, UNIFESP, São Paulo, Brazil
May 2015 FEBO (Fellow European Board of Ophthalmology), Paris
2001 Present Date Private medical practice: Pediatric Ophthalmology / Strabismus / Pediatric Neurophthalmology / Genetics, Coimbra Surgical Center, Coimbra.
May 2016 Present Date Private medical practice: Pediatric Ophthalmology / Strabismus / Pediatric Neurophthalmology / Genetics, Hospital Lusíadas, Lisbon
2011 Jul. Present Date Chief Medical Advisor (CMA): Start up Genomics, Coimbra Genomics

Additional Activities
2003 Sep. Speakers Bureau (improvement of presentation skills), Dublin
2004-05 Portuguese Representative in the Leadership Development Program PAAO, San Francisco, CA, USA
2004-08 Portuguese Representative in the Consortium of the European Union EVI-GENORET: Functional Genomics of the retina in health and disease.
2005-06 Instructor in the Leadership Development Program PAAO, San Francisco, CA, USA
2003-04 2009-10 Coordinator of the Portuguese Group of Pediatric Ophthalmology and Strabismus of the Portuguese Society of Ophthalmology
2007 Sep. Present Date President of the Scientific Council of

the Retinopathy Association of Portugal (ARP)
2010 Sep. Present Date Co-chair of the TAG for WHO / ICO Task Force for ICD-11 - Pediatric Ophthalmology and Strabismus
2011-12 Member of the Central Commission of the Portuguese Society of Ophthalmology Representative of the SPO - Pan American Association of Ophthalmology (PAAO).
Member of the Scientific Board of Orphanet Portugal.
2012 Member of the Board World Society of Pediatric Ophthalmology and Strabismus (WSPOS)
2012-17 Member European Board of Ophthalmology (EBO) - external examiner
2013-14 Vice-President of SPO (Biennium)
2013-16 Board Member of the Scientific and Research Committee of the World Society of Pediatric Ophthalmology and Strabismus (WSPOS)
2015 Mar. Present Date
Member POWER (Pediatric Ophthalmology World Education Resource) Center
Genetics Steering Group, American Academy of Ophthalmology (AAO)

Research Activity
Molecular Genetics of Hereditary Eye Diseases. Ocular Developmental Genetics (transcription factors).
Principal Investigator: PIC / IC / 83155/2007; Title: Mechanisms of Neurosensory Inhibition associated with cognitive deficits in Neurofibromatosis type I: psychophysics, neurophysiology, and structural and functional neuroimaging.
Project PTDC / SAL-NEU / 68483/2006; Title: Processing of visual information in retinocortical pathways, in normal and pathological aging, and in neurodevelopment models.
ERARE Project 2009 (European Research Projects on Rare Diseases): Title: Comprehensive analysis of cone-rod degeneration associated with rhodopsin mutations (funded by FCT - Principal Investigator).
Project eRARE4 / 0001/2012 -EUR-USH: European Young Investigators Network for Usher syndrome (funded by FCT - Principal Investigator).
Project PTDC / DTP-EPI / 0929/2012 - Translational bigenomic investigation in Leber Optic Neuropathy (LHON). Genotype-phenotype correlation. Duration 01/04/13-31 / 03/2015. Investigator. (PI Manuela Grazina)

Awards
Pfizer Clinical Research Award 2005.

Quantitative phenotyping of Stargardt photoreceptor degeneration shows that mutation patterns in ABCR gene can induce distinct functional profiles even in apparently normal individuals (Honorable Mention).
Pfizer Clinical Research Award 2006. Novel retinal mechanisms underlying genetically determined neural dysfunction in Williams Beuren
syndrome. CGC Award Professor Doctor Amândio Tavares 2008.
2nd place: Genetic research applied to retinal degenerative diseases

Member of the Editorial Board
Vision Pan American
Journal of Pediatric Genetics
Orphanet Journal of Rare Diseases (Pediatric Ophthalmology - chief Editor 2013-15)

Ad hoc reviewer of Scientific Journals
Molecular Vision
Ophthalmic Genetics
Australian and New Zealand Journal of Ophthalmology
British Journal of Ophthalmology
Investigative Ophthalmology and Visual Sciences
Ophthalmologica
Human Mutation
Ophthalmology (SPO Magazine)
Orphanet Journal of Rare Diseases
Journal of Pediatric Genetics
Human Gene Therapy
Vision PanAmerican
Brazilian Archives of Ophthalmology

Member of the Editorial Board
Vision Pan American
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Orphanet Journal of Rare Diseases (Pediatric Ophthalmology - chief Editor 2013-15)

Ad hoc reviewer of Scientific Journals
Molecular Vision
Ophthalmic Genetics
Australian and New Zealand Journal of Ophthalmology
British Journal of Ophthalmology
Investigative Ophthalmology and Visual Sciences
Ophthalmologica
Human Mutation

Ophthalmology (SPO Magazine)
Orphanet Journal of Rare Diseases
Journal of Pediatric Genetics
Human Gene Therapy
Vision PanAmerican
Brazilian Archives of Ophthalmology

International Reviewer of Projects and Scholarships
Fight for Sight Foundation (UK)
Foundation Fighting Blindness (UK)
Fondation Voir et Entendre (France)
Flanders Research Foundation (FWO) (Belgium)
ORIA – Advancing Eye Research in Australia (Australia)

Scientific Societies
Portuguese Society of Ophthalmology (SPO)
American Academy of Ophthalmology (AAO)
European Pediatric Ophthalmology Society (EPOS)
ARVO
World Society Pediatric Ophthalmology and Strabismus (WSPOS)
American Association of Pediatric Ophthalmology and Strabismus (AAPOS)
Portuguese Society of Human Genetics (SPGH)

Others
Languages
Published Articles 92
Book Chapter's 20
Master's and PhD Thesis Advisor 31
PhD Thesis Reviewer and Jury 7

Languages
Portuguese Native Language
English Excellent writing and conversation level
Proficiency in English British Council.
French Excellent writing and conversation level
Alliance Française Diplome d'Études Supérieures
Spanish Excellent writing and conversation level
German Good writing level and conversation
Italian Good writing level and conversation
Dutch Basic level of writing and conversation