

CV RESUMIDO

DR. MIGUEL TAVARES
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PROFESSIONAL EXPERIENCE

November 2019 – Present – Ophthalmologist
Coimbra Hospital and University Center

January 2020 – Present – Medical Grader
Coimbra Ophthalmology Reading Center (CORC)

January 2015 – October 2019 – Medical Doctor (Residency in Ophthalmology)
Coimbra Hospital and University Center

February 2009 – Present – Integrated Researcher
Neuroimaging and Clinical Neuroscience | Technology Transfer
and Medical Devices
CIBIT-FMUC – Coimbra Institute for Biomedical Imaging and
Translational Research, Faculty of Medicine of the University of Coimbra

EDUCATION AND TRAINING

September 2017 – Present – Doctoral Programme in Health Sciences
Faculdade de Medicina da Universidade de Coimbra
Currently enrolled in the Doctoral Programme in the area of visual neurosciences

February 2015 – February 2017 – Harvard Medical School
(Portugal Clinical Scholars Research Training Program)
Certification in Clinical Research
Two-year program covering theoretical and practical concepts on biostatistics,
epidemiology, study design, ethics and scientific writing through a mixture of
online lectures, interactive webinars and intensive residential workshops.

September 2007 – July 2013 – Faculty of Medicine, University of Coimbra
MD MSc
Patterns of Impairment of Motion, Color and Achromatic Contrast
Pathways in Distinct Stages of the Natural History of Glaucoma
Supervisor: Miguel Castelo-Branco, MD PhD Mark: 20 / 20
17.01 / 20 (5th highest; ECTS classification A)

HONOURS AND AWARDS

2018 – Award for Best Original Research in Premium Refractive Surgery
Intraoperative Wavefront Aberrometry – a comparison of IOL power calculation
methods *[first author]*
Sociedade Portuguesa de Oftalmologia (SPO) / Bausch & Lomb

2017 – Award for Best Original Research in Retina
Morpheus – a new tool for quantifying metamorphopsia *[first author]*
Grupo de Estudos de Retina (GER)

2016 – Award for Best Clinical Report in Retina
Sinal de Alerta – Retinopatia Associada a Melanoma *[first author]*
Sociedade Portuguesa de Oftalmologia (SPO)

2015 – Award for Best Original Research in Retina
Nutritional and Lifestyle Risk Factors for AMD – The Coimbra Eye Study *[first author]*
Sociedade Portuguesa de Oftalmologia (SPO) / Novartis



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OFTALMOLOGIA
DE COIMBRA

- 2015** – Award for Best Innovative Research in Ophthalmology
New Tests for Early Functional Diagnosis in Glaucoma [*first author*]
Sociedade Portuguesa de Oftalmologia (SPO)
- 2012 – 2013** – 3% Best Students Award of the Faculty of Medicine, University of Coimbra
- 2011 – 2012** – 3% Best Students Award of the Faculty of Medicine, University of Coimbra
- 2009 – 2010** – 3% Best Students Award of the Faculty of Medicine, University of Coimbra
- 2007 – 2008** – 3% Best Students Award of the Faculty of Medicine, University of Coimbra
- 2007 – 2008** – Placed first in the Faculty of Medicine, University of Coimbra (19.43/20)

SCIENTIFIC PUBLICATIONS

In indexed international peer-reviewed journals

Raimundo M, Mira F, Cachulo MDL, Barreto P, Ribeiro L, Farinha C, Lains I, Nunes S, Alves D, Figueira J, Merle BM, Delcourt C, Santos L, Silva R.. Adherence to a Mediterranean diet, lifestyle and age-related macular degeneration: the Coimbra Eye Study - report 3. Acta Ophthalmol. 2018;96(8):e926-e932.

Nunes S, Alves D, Barreto P, Raimundo M, Cachulo MDL, Farinha C, Lains I, Rodrigues J, Almeida C, Ribeiro L, Figueira J, Santos L, Silva R.. Adherence to a Mediterranean diet and its association with age-related macular degeneration. The Coimbra Eye Study-Report 4. Nutrition. 2018;51-52:6-12.

Raimundo M, Fonseca C, Lemos J, Fonseca P. Central serous chorioretinopathy as a cause of vision loss in chronic relapsing inflammatory optic neuropathy. Am J Ophthalmol Case Rep. 2018;11:131-134.

Raimundo M, Fonseca C, Silva R, Figueira J. Bilateral giant macular holes: A rare manifestation of Alport syndrome. Eur J Ophthalmol. 2018;:1120672118781232.

Gil P, Gil J, Oliveira N, Raimundo M, et al. Influence of the Vitreoretinal Interface on the Treatment with Anti-VEGF for Exudative Age-Related Macular Degeneration. Ophthalmologica. 2018;240(1):29-36.

Gil P, Raimundo M, Marques JP, Póvoa J, Silva R. Optical coherence tomography angiography characterization of acute and late stage Purtscher retinopathy. Eur J Ophthalmol. 2018;28(4):NP1-NP6.

Martins A, Farinha C, Raimundo M, et al. Multimodal Evaluation of the Fellow Eye of Patients with Retinal Angiomatous Proliferation. Ophthalmic Res. 2018;59(2):88-97.

Marques MF, Rodrigues S, Raimundo M, et al. Epiretinal Proliferations Associated with Lamellar Macular Holes: Clinical and Surgical Implications. Ophthalmologica. 2018;240(1):8-13.

Mateus C*, Raimundo M*, Oliveiros B, Faria P, Reis A, Castelo-Branco M. A New Approach to Assess Early Progressive Loss Across Multiple Visual Channels In the Natural History of Glaucoma. Journal of Glaucoma – Volume 25, nº6, pp. 581-590 (2016)

* Equally contributing first authors

Figueira J, Martins D, Raimundo M, on behalf of the JETREA user group. Ophthalmic Research – Volume 56, nº 4, pp. 186-192 (2016)

Duarte JV, Pereira JM, Quendera B, Raimundo M, et al. Early disrupted neurovascular coupling and changed event level hemodynamic response function in type 2 diabetes: an fMRI study. J Cereb Blood Flow Metab. 2015;35(10):1671-80.

Teixeira M, Pires G, Raimundo M, Nascimento S, Almeida V, Castelo-Branco M. Robust single trial identification of conscious percepts triggered by sensory events of variable saliency. PLoS ONE – Volume 9, nº 1, e86201, pp. 1-11 (2014).

Duarte J, Raimundo M, Castelo-Branco M. Parametric fMRI activation of cortical regions during visual speed discrimination in healthy and diabetic patients. Perception – Volume 39, ECVF Abstract Supplement, p. 108 (2013).

In national peer-reviewed journals

Raimundo M, Mateus C, Faria P, Oliveiros B, Cardoso J, Silva J, Moura-Pereira, J, Castelo-Branco. Sensitivity of Psychophysical, Electrophysiological and Structural Tests for Detection and Progression Monitoring in Ocular Hypertension and Glaucoma. Oftalmologia – Volume 42, nº1 (2018)

Marques JP, Rodrigues C, Raimundo M, Moniz S, Trindade F, Alfaiate M, Figueira J. Variação sazonal e influência de factores meteorológicos na incidência de descolamentos regmatógenos da retina na zona centro de Portugal e na Madeira Oftalmologia – Volume 40, (2016)

PERSONAL SKILLS

Mother Tongue

Portuguese

English

First Certificate in English (passing level: A); Proficient user (C1) *

French

Independent user (B2) *

* Self-evaluation according to the *Common European Framework of Reference for Languages*

Computer skills

Advanced knowledge in statistical software (STATA)

Proficiency in various programming languages (Matlab, Python, SQL), various bioinformatics software packages (Psychtoolbox, PsychoPy, BrainVoyager, SPM), operating systems (Windows, Unix and Unix-like) and image and video editing (Adobe Photoshop, Illustrator and Premiere).

Working knowledge of data science techniques using Python, Pandas, Scipy, Numpy, and Sklearn technologies.