

# **CURRICULUM VITAE**

**Marcos Muñoz M.D.**



## PERSONAL DETAILS

Name: **Marcos Muñoz**

Current position:

- HEAD OF EMERGENCY DEPARTMENT, INSTITUT CATALÀ DE RETINA.
- MEMBER OF THE GLAUCOMA DEPARTMENT, INSTITUT CATALÀ DE RETINA.

## 1. WORK EXPERIENCE

- 2015- present** Head of Emergency Department  
*Institut Català de Retina* (Barcelona, Spain)
- 2014 - 2015** Head of General Ophthalmology Department  
*Institut Català de Retina* (Barcelona, Spain)
- 2011 - present** Ophthalmologist  
Glaucoma and General Ophthalmology  
Departments  
*Institut Català de Retina* (Barcelona, Spain)
- 2011 - 2015** Ophthalmologist  
*Mollet Medical Center* (Mollet del Valles, Spain)
- 2001 - 2005** Ophthalmologist  
*Maldonado Bas Eye Clinic* (Cordoba, Argentina)
- 2002** Observership: Neuro Ophthalmology Department  
*British Hospital of Buenos Aires* (Argentina)  
Duration: 2 months

## 2. ACADEMIC DETAILS

- 2015 – 2019** PhD in Health Sciences  
*Universidad Internacional de Catalunya*  
(Barcelona, Spain)
- 2015 – 2017** Member of International Glaucoma Panel (IGP) and  
Mentoring Program.  
Menthor Prof. David Garway- Heath  
V Edition (2015-2017)
- 2011 - 2012** Master of Glaucoma  
*College of Medicine, University of Barcelona*  
• Organized by Institut Català de Retina

- 2007 - 2012** Certificate of Research Proficiency  
*Autonomous University of Barcelona*
- Part of Coursework for PhD in Surgery
  - Topic of paper: Utility Toric Intraocular Lenses in Patients with Astigmatism and Cataract
  - Directors: Dr. M. Castilla, Dr. Ana Martinez Palmer
- May 2011** Board Certified Ophthalmologist in Spain  
Médico Interno Residente (MIR): Spanish equivalent of the Boards  
*Hospital del Mar / Hospital de l'Esperança*  
(Barcelona, Spain)
- 2007 - 2011** Internal Medical Resident; Service of Ophthalmology  
*Hospital de l'Esperança / Hospital del Mar*  
(Barcelona, Spain)
- ER Ophthalmology in Emergency Department  
*Hospital de Bellvitge* (Barcelona, Spain)  
2010 - 2011
  - ER Ophthalmology in Emergency Department  
*Hospital de la Santa Creu i Sant Pau*  
(Barcelona, Spain)  
2007 – 2009
  - Orbit and Oculoplastics Department  
*Hospital de Bellvitge* (Barcelona, Spain)  
October 2009
  - Pediatric Ophthalmology  
*Hospital Sant Joan de Deu*  
July - Aug 2009
- 2005 - 2006** Master of Diagnosis and Treatment of Cataract and Glaucoma  
*Barraquer Institute* (Barcelona, Spain)
- 2004** Official Recognition of Argentine Medical Surgeon Degree in Spain  
*Ministry of Education, Culture and Sports of Spain*
- Argentine Medical Surgeon Qualification recognized by Spanish Government and given the status of Spanish Bachelor of Medicine
- 2001** Board Certified Ophthalmologist in Argentina

*Ophthalmology Medical Council: Argentinian equivalent of the Boards (Cordoba, Argentina)*

**1998 - 2001** Medical Resident; Service of Ophthalmology  
*Maldonado Bas Eye Clinic (Cordoba, Argentina)*

**1991 - 1997** Medical Doctor Degree  
*National University (Cordoba, Argentina)*

## LANGUAGES AND OTHER SKILLS

**Spanish** Native

**English** *Written: advanced*  
*Spoken: advanced*

**Catalán** *Written: advanced*  
*Spoken: advanced*

- **Degree in Photography:**

Medical Photography, Analog and Digital Photography; Adobe PhotoShop  
Argentine School of Photography (2002 – 2004)

## 3. AWARDS

**2012** Best Oral Communication (3<sup>rd</sup> Place); Received as coauthor  
*Presented at 43<sup>rd</sup> Congress of the Catalan Society of Ophthalmology*

- Title: Effect hypotensive Cypass suprachoroidal implant surgery combined with facoemulsification

**2005** Joaquin Rutllan Award: Second Accesit  
*Awarded by the Barraquer Institute*  
Title: Penetrating keratoplasty ultrasonic pachymetry. Its usefulness as an endothelial function parameter.

## 4. RESEARCH

**2017** European Glaucoma Society. Members Meeting  
Next Generation Partnership Course  
*Participated as helper*  
London, UK

**2015 - present** Archives of the Spanish Society of Ophthalmology  
*Peer Reviewer*

**2013** British Journal of Ophthalmology  
*Peer Reviewer*

**2017- on going** Preservative-free fixed dose combination of XXX in patients with open-angle glaucoma or ocular hypertension: clinical efficacy, tolerability and safety in the real world.  
Promoter: SANTEN  
*Associate Researcher*

**2017 – on going** A prospective, double-masked, randomized, multicenter, active controlled, parallel-group, 6-month study assessing the safety and ocular hypotensive efficacy of XXX Ophthalmic Solution compared to YYY Ophthalmic Solution in subjects with elevated intraocular pressure.  
Promoter: AERIE.  
*Associate Researcher*

- 2017 – on going**      A Comparison of XXX to Selective Laser Trabeculoplasty in Patients with Open-Angle Glaucoma or Ocular Hypertension.  
Promoter: ALLERGAN  
*Associate Researcher*
- 2015 – on going**      The Efficacy and Safety of XXX in Patients With Open-angle Glaucoma or Ocular Hypertension.  
Promoter: ALLERGAN.  
*Associate Researcher*
- 2014 – on going**      Evaluation of the effect of XXX and the compound YYY on the visual function of patients with glaucoma.  
Promoter: ICR.
- 2013 – 2015**              Efficacy and safety of XXX in comparison with YYY and ZZZ, in patients with primary open angle glaucoma or ocular hypertension, established with YYY, with ocular surface intolerance.  
Promoter: IRIS PHARMA.
- 2012 - 2016**              Efficacy and safety of combined surgery Implant Express  
A prospective, multicenter, comparative study  
*Promoter: Alcon Inc.*  
*Research Coordinator*
- 2013 - 2014**              Comparison of Latanoprost 50 ug/ml drops vs. Xalatan drops in the treatment of open angle glaucoma (QTM 111)  
*Promoter: Quantum*  
*Associate Researcher*
- 2012 - 2013**              Dose finding trial (SYL040012) to evaluate tolerability and effect on intraocular pressure in patients with ocular hypertension or open angle glaucoma  
*Promoter: Sylentis S.A.U.*  
*Associate Researcher*

**2012 - 2013**

A phase III, randomized, double masked six month clinical study to compare the efficacy and safety of the preservative free fixed dose combination of latanoprost 50 ug/ml and timolol 5 mg/ml eye drops with those of Xalacom drops in patients with open angle glaucoma or ocular hypertension (QTM211)  
*Promoter: Quantum Inc.*  
*Associate Researcher*

**2008 - 2011**

Protocol Phase I multicenter ROCHE Code: NO21895 (antitumor drug)  
*Associate Researcher: Ophthalmological follow-up*  
Coordinated by the Oncology Service of Hospital del Mar

## 5. PUBLICATIONS

**2015-2017**

Emerging trends and hot topics in glaucoma from the 2015, 2016 and 2017 ARVO annual meetings  
*Co – author*  
Ocular Surgery News and European Society of Ophthalmologist newsletters.

**2016**

Comparison of Risk Factor Profiles for Primary Open-Angle Glaucoma Subtypes Defined by Pattern of Visual Field Loss: True Risk Factors or Arbitrary Definition?  
*Letter to the editor. Co-author. Writing Committee for the European Glaucoma Panel*  
Invest Ophthalmol Vis Sci. 2015 Oct;56(11):6531. doi: 10.1167/iovs.

**2015**

Circadian Arterial Blood Pressure Variation and Glaucoma Progression: More Questions Than Answers?  
*Letter to the editor. Co-author. Writing Committee for*



*the European Glaucoma Panel*  
Am J Hypertens. 2015 Sep;28(9):1182-3. doi:  
10.1093/ajh/hpv096. Epub 2015 Jun 23.

**2012**

Notes for Master of Ophthalmological Nursing:  
Module 2 Anterior Segment  
*Co-author*

- Conducted by: Institut Català de Retina, University of Barcelona

**2006**

Ultrasonic pachymetry in follow up of penetrating keratoplasty. Its utility as a parameter of endothelial function

*First author*

- Published in Annals of the Barraquer Institute (Barcelona, Spain) 35:6372 (2006)

## **6. PRESENTATIONS**

### **ORAL COMMUNICATIONS:**

**Set 2016**

Speaker in the Special Interest Symposium (SIS) on G - You tube: different tubes for different glaucomas.  
*EVER meeting 2016. Nize*

**May 2015**

Speaker at the symposium: Combined surgery with ExPRESS device vs. Nonpenetrant deep sclerotomy  
*Controversies in glaucoma meeting. XV Edition. Madrid*

**Mar 2015**

The Ex-PRESS glaucoma shunt versus non penetrant deep sclerectomy in open-angle glaucoma: a prospective randomized study, Preliminary results  
*10<sup>th</sup> Congress of Spanish Glaucoma Society. Madrid*

- Mar 2014** First continuing education course of Glaucoma  
Topic: Early detection of glaucoma. Tips to detect progression in the visual field.  
Galicia Ophthalmology Society – Santiago de Compostela
- 2012 - 2015** Clinical Sessions Presentations  
*Institut Català de Retina*
- *Relational database in research*
  - *Ocular Trauma*
  - *Zotero 3.0: Reference Administration Program*
  - *Visual field: altitudinal defects*
- November 2012** Hypotensive effect in Cypass suprachoroidal implant surgery combined with phacoemulsification  
*43<sup>rd</sup> Congress of the Catalan Society of Ophthalmology*
- November 2011** Telemedicine in glaucoma  
*XXXIII Annual Congress of Northern Ophthalmological Association*  
(Pamplona, Spain)
- June 2011** Presentation of Surgical Case: Ahmed implant in aniridia  
*25<sup>th</sup> Anniversary Congress of ICR: Present and Future of Glaucoma and Neuroophthalmology*  
(World Trade Center, Barcelona, Spain)
- November 2010** Toric Intraocular Lenses Vs. Intraocular Lens Plus Paired Incisions In Cataract Surgery  
*41<sup>st</sup> Congress of the Catalan Society of Ophthalmology*
- February 2010** Doctoral Course Presentations  
*Hospital de l'Esperança*
- *Phacoemulsification and Intraocular Pressure*
  - *Current Trends in the Use of Multifocal Intraocular Lenses*

- Interpretation of the results of the Optic coherence tomography in Glaucoma

**2007 - 2010**

Department of Ophthalmology General Sessions Presentations.

*Hospital de l'Esperança, Hospital Sant Joan de Deu*

- Artificial Retina
- Diabetic Retinopathy
- Dissociated Vertical Deviation
- Optic Nerve Hypoplasia and in Slit Ventricle Syndrome
- Congenital Optic Nerve Pathology
- Vertical Strabismus
- Altitudinal hemianopias
- Evidence Based Ophthalmology
- Conjunctival MALT lymphoma and Kaposi sarcoma Eyelid: two Cases
- Penetrating Keratoplasty Rejection: Diagnosis and Treatment
- Pigmented Lesions of the Conjunctiva
- Commitment Tumors Eye on Selar and Parasellar Region
- Standardization and Constants for Calculating Intraocular Lenses

**November 2007**

Pachymetry Keratoplasty Monitoring  
*38th Congress of the Catalan Society of Ophthalmology*

**POSTERS:**

**May 2017**

One year safety and endothelial cell count results. A prospective, randomized comparison of Ex-Press Vs

- Deep Sclerectomy combined surgery in glaucoma patients.  
*ARVO meeting 2017*
- May 2016** Integrated Visual Field and Relative Risk for Quality of Life Loss  
*ARVO meeting 2016*
- May 2016** Evaluation of diagnostic accuracy of portable OCT iVue for the detection of glaucoma  
*Co-Author. ARVO meeting*
- Set 2015** Ex-PRESS glaucoma shunt versus non penetrating deep Sclerectomy In open-angle glaucoma.  
*ESCRS Meeting. Barcelona*
- May 2015** The Ex-PRESS glaucoma shunt versus non penetrating deep Sclerectomy in open-angle glaucoma: a prospective randomized study, Interim results.  
*ARVO Meeting*
- November 2014** Acute angle closed glaucoma solved with steroids. A case of Posterior scleritis  
*45° Ophthalmology Catalan Society Meeting*
- November 2012** Hypotonic Maculopathy Associated with Suprachoroidal Implant  
*43rd Congress of the Catalan Society of Ophthalmology*
- November 2011** Analysis of cost effectiveness of a telemedicine program for glaucoma in primary care  
*42nd Congress of the Catalan Society of Ophthalmology*
- November 2010** Hughes Technique in Eyelid Kaposi Sarcoma  
*41st Congress of the Catalan Society of Ophthalmology*
- September 2010** Telemedicine Screening Program for Glaucoma Using Tonometry, Scanning laser ophthalmoscopy (HRT) and Scanning Laser Polarimetry (GDX)  
*9th Congress of the European Glaucoma Society (Madrid, Spain)*

- November 2008** Toric Intraocular Lens in Patients with Corneal Astigmatism and Cataract  
*39th Congress of the Catalan Society of Ophthalmology*
- November 2007** Fistula Carotideocavernosa Ocular Hypertension  
*38th Congress of the Catalan Society of Ophthalmology*
- November 2007** Traumatic Cataract in Pediatric Age  
*38th Congress of the Catalan Society of Ophthalmology*