

## **CURRICULUM VITAE**

**Dr. María Soledad Pighin**



## Personal details:

Name:

**María Soledad Pighin**

## Current position:

- Head of the Emergencies Department, Institut Català de Retina
- Member of the Retina Department, Institut Català de Retina

## 1. WORK EXPERIENCE

- 01/2023 – present**      **Head of the Emergencies Department**  
Institut Català de Retina (Barcelona, Spain)
- 01/2022 – 12/2022**      **Deputy Head of the Emergencies Department**  
Institut Català de Retina (Barcelona, Spain)
- 02/2015 – present**      **Ophthalmologist**  
Retina and Vitreous Department  
Institut Català de Retina (Barcelona, Spain)
- 10/2013 – 01/2015**      **Ophthalmologist**  
Retina and Vitreous Department  
Instituto Santa Lucía (Paraná, Argentina)
- 09/2012 – 09/2013**      **Ophthalmologist**  
Hospital Distrital Lago Argentino (El Calafate, Argentina)
- 06/2011 – 07/2011**      **Surgeon in Ophthalmologic Campaigns**  
Medical Ministry International (Montemorelos, Mexico)
- 2006**      **Internal Medicine Residency**  
Clínica Modelo de Morón (Morón, Argentina)

## 2. ACADEMIC DETAILS

- 2022      PhD in Health sciences  
Autonomous University of Barcelona
- 2021      Homologation of the Ophthalmologist Specialty  
by Spanish Health Department
- 2020      Introduction to professional responsibility  
and clinic safety  
Barcelona Medical College
- 2019      GCP ICH E6 (r2)

2014	FICO (Fellow of International Council of Ophthalmology) Advanced ICO Examination
2014	Observership IMO, Barcelona, Spain
2014	Academic Course in Glaucoma UCA, Pontificious Catholic University of Argentina
2014	Ophthalmology Specialist, Superior Course in Ophthalmology University of Buenos Aires
2013	Master in Ophthalmology Catholic University of Salta, Argentina
2012	Fellowship in Clinical and Surgical Retina Instituto de la Visión, Hospital La Carlota, University of Montemorelos, Mexico
2010	Ocular Ultrasound Course Argentinean Society of Ophthalmology
2010	Perimetry Course Hospital Italiano, Buenos Aires, Argentina.
2010	Homologation of the Medical Degree by Spanish Health Department
2007–2010	Ophthalmology Residency Clínica de Ojos Dr. Nano, San Miguel, Argentina
2000–2006	Medical Degree University of Buenos Aires, Argentina

### **3. LANGUAGES**

- Spanish (Native)
- English (C1)
- Catalan (B1)

## **4. TEACHING ACTIVITY**

### **2022**

- Speaker at Institut Català de Retina: "Story of a PhD"

### **2021**

- Speaker at Institut Català de Retina: "Fractal Dimension"

### **2019**

- Speaker at Institut Català de Retina: "OCT-A Update"

### **2018**

- Speaker at Institut Català de Retina: "Trends in Diabetic Retinopathy"

### **2017**

- Speaker at Institut Català de Retina: "The ABC in ARMD"

### **2016**

- Speaker at Institut Català de Retina: "Diagnostic tests in retina"

### **2015**

- Speaker at Institut Català de Retina: "Diabetic macular edema – Diagnosis and treatment"

### **2013**

- Speaker at Instituto Santa Lucía: "Anatomy and Physiology of the retina"
- Speaker at Instituto Santa Lucía: "Vasculopathies"
- Speaker at Instituto Santa Lucía: "Rhegmatogenous Retinal Detachment"
- Speaker at Instituto Santa Lucía: "Vitreomacular Interfase"

### **2012**

- Speaker at the School of Medicine, University of Morón: "Optic tract and pupillary reflexes"
- Speaker at the School of Medicine, University of Morón: "Hypertensive Retinopathy"

## **2010**

- Speaker at the School of Medicine, University of Morón: "Ocular Anatomy and Physiology"
- Practical classes at the School of Medicine, University of Morón
- Speaker at Dr Nano Eye Clinic: "Anatomy, Physiology and Ocular Urgencies and Emergencies"

## **2009**

- Speaker at the School of Medicine, University of Morón: "Ocular Anatomy and Physiology"
- Speaker at the School of Medicine, University of Buenos Aires: "Ocular Anatomy and Physiology"
- Speaker in Round Tables at Clínica de Ojos Dr. Nano: "Clinical Cases"

## **2008**

- Practical classes at the School of Medicine, University of Morón
- Practical classes at the School of Medicine, University of Buenos Aires
- Speaker at the 3<sup>rd</sup> Basic Ophthalmology Day for Teachers, Chamber of Commerce of San Miguel

## **2007**

- Practical classes at the School of Medicine, University of Buenos Aires

## **2002-2005**

- Ad honorem Practical Classes for Physiology and Biophysics alumni (2002-2005); and for Pharmacology alumni (2004-2005) of the School of Medicine, University of Buenos Aires

## **1999-2007**

- English teacher in public schools in General Rodríguez, Buenos Aires from 1999 until 2002
- English teacher in San José Institute, General Rodríguez, Buenos Aires in 2003 and 2004
- Bioethics professor in high school CENS n°451, General Rodríguez, Buenos Aires from 2002 until 2007

## 5. CONGRESS ATTENDANCE

### 2022

- Advanced Vitrectomy Training Course. Hospital Clínic, Barcelona, Spain; February 11<sup>th</sup>-12<sup>th</sup>
- Retina Course. Hospital Vall d'Hebron, Barcelona, Spain; June 3<sup>th</sup>
- 52<sup>nd</sup> Congress SCOFT. November 24<sup>th</sup>-26<sup>th</sup>

### 2021

- 1<sup>st</sup> Congress SCOFT Jove - Virtual Congress; February 6<sup>th</sup>
- 21<sup>st</sup> EURETINA - Virtual Congress; September 9<sup>th</sup>-12<sup>th</sup>

### 2020

- I SERV Virtual Congress; May 16<sup>th</sup>
- 20<sup>th</sup> EURETINA - Virtual Congress; October 2<sup>nd</sup>-4<sup>th</sup>
- Inside Congress - 2<sup>nd</sup> Retina Barraquer Meeting; October 30<sup>th</sup>
- 51<sup>st</sup> Congress SCOFT - Virtual Congress; November 26<sup>th</sup>-28<sup>th</sup>

### 2019

- 19<sup>th</sup> EURETINA Congress. Paris, France; September 5<sup>th</sup>-8<sup>th</sup>
- 50<sup>th</sup> Congress SCOFT. Barcelona, Spain; November 28<sup>th</sup>-30<sup>th</sup>

### 2018

- 36<sup>th</sup> World Ophthalmology Congress (WOC). Barcelona, Spain; June 16<sup>th</sup>-19<sup>th</sup>
- 49<sup>th</sup> Congress SCOFT. Barcelona, Spain; November 22<sup>nd</sup>-24<sup>th</sup>

### 2017

- XXI SERV Congress. Madrid, Spain; March 3<sup>rd</sup>-4<sup>th</sup>
- I SARyV Grand Round. Buenos Aires, Argentina; April 20<sup>th</sup>
- II SARyV Grand Round. Buenos Aires, Argentina; June 8<sup>th</sup>
- 17<sup>th</sup> EURETINA Congress. Barcelona, Spain; September 7<sup>th</sup>-10<sup>th</sup>

## 2016

- Macula 2016. Barcelona, Spain; June 3<sup>rd</sup>-4<sup>th</sup>
- II SARyV Grand Round. Buenos Aires, Argentina; August 4<sup>th</sup>
- 47<sup>th</sup> Congress SCOFT. Barcelona, Spain, December 1<sup>st</sup>-3<sup>rd</sup>

## 2015

- I SARyV Grand Round. Buenos Aires, Argentina; April 16<sup>th</sup>
- II SARyV Grand Round. Buenos Aires, Argentina; June 4<sup>th</sup>
- III SARyV Grand Round. Buenos Aires, Argentina; October 8<sup>th</sup>

## 2014

- Round table "Critical Pathway in diabetic macular edema and diabetic retinopathy". Santa Lucía Institute, CEO (Consejo Entrerriano de Oftalmología), Paraná, Argentina; February 14<sup>th</sup>
- Progress and Innovation in Ophthalmology. Monterrey, Mexico; February 27<sup>th</sup> to March 1<sup>st</sup>
- I SARyV Grand Round. Buenos Aires, Argentina; April 24<sup>th</sup>
- Argentinian Conference of Ophthalmology. CAO, Buenos Aires, Argentina; May 14<sup>th</sup> to 17<sup>th</sup>
- Annual Course AEO. Asociación Entrerriana de Oftalmología, Paraná, Argentina; June 7<sup>th</sup>
- Biomedic Information Research, Virtual Course. Intramed, Buenos Aires, Argentina; June 14<sup>th</sup>
- II SARyV Grand Round. Buenos Aires, Argentina; June 26<sup>th</sup>
- Retina Expert Meeting. Buenos Aires, Argentina; August 29<sup>th</sup>
- III SARyV Grand Round. Buenos Aires, Argentina; September 17<sup>th</sup>
- 14<sup>th</sup> EURETINA, Congress. London, UK; September 11<sup>th</sup>-14<sup>th</sup>
- IV SARyV Grand Round. Buenos Aires, Argentina; October 30<sup>th</sup>
- Virtual Course in Ophthalmology – Glaucoma. CAO, Buenos Aires, Argentina
- Advanced Course in Refraction. CAO, Buenos Aires, Argentina

## 2013

- I SARyV Grand Round. Buenos Aires, Argentina; April 25<sup>th</sup>



- II SARyV Grand Round. Buenos Aires, Argentina; June 13<sup>th</sup>
- III SARyV Grand Round. Buenos Aires, Argentina; July 11<sup>th</sup>
- 2<sup>nd</sup> Argentinian Multidisciplinary Congress of Low Vision. Paraná, Argentina; October 5<sup>th</sup>
- 1<sup>st</sup> Ibero-American Congress of Ophthalmology. Rosario, Argentina; October 31<sup>st</sup>-November 2<sup>nd</sup>

## **2012**

- International Symposium Innovation in Ophthalmology Alcon 2012. Monterrey, Mexico; March 29<sup>th</sup> and 30<sup>th</sup>
- 2<sup>nd</sup> Scientific Conference. Lago Argentino District Hospital, El Calafate, Argentina; October 4<sup>th</sup> and 5<sup>th</sup>

## **2011**

- 1<sup>st</sup> Course in Ophthalmology. Montemorelos, Mexico; April 14<sup>th</sup> -15<sup>th</sup>
- 30<sup>th</sup> Annual Retina Meeting. Cancún, Mexico; September 7<sup>th</sup> -11<sup>th</sup>
- 2011 Joint Meeting of American Academy of Ophthalmology. Orlando, USA; October 22<sup>nd</sup> - 25<sup>th</sup>

## **2010**

- National Conference of Ophthalmology. CAO, Buenos Aires, Argentina; May 22<sup>th</sup>
- Annual Course of Ophthalmology. SAO, Buenos Aires, Argentina; July 27<sup>th</sup>

## **2009**

- "Complications and Controversies in Refractive and Phacorefractive Surgery". Buenos Aires, Argentina; April 24<sup>th</sup>
- National Conference of Ophthalmology. CAO, Buenos Aires, Argentina; May 23<sup>th</sup>
- "Anteroposterior Meeting 2009". Buenos Aires, Argentina; September 18<sup>th</sup>
- 5<sup>th</sup> International Symposium "Retina today and tomorrow". Buenos Aires, Argentina; September 26<sup>th</sup>
- Annual Course of Ophthalmology. SAO, Buenos Aires, Argentina; September 30<sup>th</sup>

## 2008

- National Conference of Ophthalmology. CAO, Buenos Aires, Argentina; May 25<sup>th</sup>
- Annual Course of Ophthalmology. SAO, Buenos Aires, Argentina; July 29<sup>th</sup>
- Refresher Course in inflammation and eye infections. Buenos Aires, Argentina; September 26<sup>th</sup>

## 2007

- 18<sup>th</sup> Argentinian Congress of Ophthalmology. Buenos Aires, Argentina; July 22<sup>nd</sup>
- Refresher Course in Antisepsis and Health. Buenos Aires, Argentina; October 16<sup>th</sup>
- COA (Argentinean Ophthalmologic Club). Catamarca, Argentina; December 8<sup>th</sup>

## 2006

- 11<sup>th</sup> International Congress of Internal Medicine. University Hospital, Buenos Aires, Argentina; August 22<sup>nd</sup> to 25<sup>th</sup>
- 15<sup>th</sup> National Congress of Medicine. Buenos Aires, Argentina; November 21<sup>st</sup> to 24<sup>th</sup>

# 6. COURSES AND CONGRESS PARTICIPATION

## 2021

- Speaker: **Pighin MS**, Dyrda A, Rey A, Menezo V, Jürgens I. "Neovascular membrane vs CSC", 1<sup>st</sup> Congress SCOFT Jove - Virtual Congress.
- E-poster: Dyrda A, Rey A, **Pighin MS**, Reyes J, Jürgens I. "Functional and anatomical results and safety profile of Carlevale intraocular lens implantation in patients with insufficient capsular support", 25<sup>th</sup> ESCRS Winter Meeting - Virtual Congress.
- E-poster: **Pighin MS**, Tsiroukis E, Jürgens I. "Machine learning in foveal avascular zone area measurement in patients undergoing cataract surgery", 21<sup>st</sup> EURETINA Congress.

## 2020

- Speaker: Maseras X, **Pighin MS**. "Carlevale lens", Inside Congress - 2<sup>nd</sup> Retina Barraquer Meeting.

## 2018

- Speaker: Tsiroukis E, **Pighin MS**. Symposium "Multimodal Retinal Imaging in Diabetic Retinopathy", 36<sup>th</sup> World Ophthalmology Congress (WOC).

## 2017

- E-poster: **Pighin MS**, Manrique RK, Jürgens I. "Paclitaxel Maculopathy", 17<sup>th</sup> EURETINA Congress.

## 2016

- Poster: **Pighin MS**, Berrozpe C, Morilla A, Jürgens I. "Vitreous hemorrhage in healthy patients", 45<sup>th</sup> SCOFT Congress.

## 2014

- Speaker: **Pighin MS**, Villa L, Quintana N, Magurno M. "Critical Pathway in diabetic macular edema and diabetic retinopathy", IV SARYV Grand Round.
- Speaker: **Pighin MS**, Villa L, Quintana N, Magurno M. "Critical Pathway in diabetic macular edema and diabetic retinopathy", Argentinian Conference of Ophthalmology.
- Speaker "Critical Pathway in diabetic macular edema and diabetic retinopathy", Santa Lucía Institute.

## 2012

- Poster: Gelsi A, **Pighin MS**, Lasala R. "Ocular Toxoplasmosis and immunocompromise" 2<sup>nd</sup> Scientific Conference, Lago Argentino District Hospital.

## 2011

- Speaker: "Vogt Koyanagi Harada Syndrome", 1<sup>st</sup> Course in Ophthalmology.
- Poster: Guadarrama A, **Pighin MS**, Rodríguez JE, Martínez P. "Isolated foveal hypoplasia", 1<sup>st</sup> Course in Ophthalmology.
- Poster: Paz DE, Corrales B, **Pighin MS**, Rodríguez JE, Martínez P. "Occlusion of CRA in patients with carotid atheromatous disease", 1<sup>st</sup> Refresher Course in Ophthalmology.

## 2010

- Speaker: "Age-related macular degeneration (ARMD)– Importance of epidemiologic studies" - Blindness Prevention Symposium, National Conference of Ophthalmology.
- Scientific photography: **Pighin MS**, Moreno Figueredo D, Prieto R. "Shotgun", National Conference of Ophthalmology.
- Poster: Clementi MM, Colodro C, **Pighin MS**, Castro Feijoó S. "Eales Disease, a clinical case", National Conference of Ophthalmology.
- Speaker: "Age-related macular degeneration – Importance of epidemiologic studies", COA Meeting, Annual Course of Ophthalmology.
- Scientific photography: **Pighin MS**, Clementi M, Colodro C. "V Invasion", Annual Course of Ophthalmology.
- Poster: Clementi M, Prieto R, **Pighin MS**, Fridrich G, Roude A. "Orbitary Miasis", Annual Course of Ophthalmology.

## 2009

- Scientific photography: **Pighin MS**, Clöes A. "Eiffel Tower in sight", National Conference of Ophthalmology.
- Speaker: **Pighin MS**, Roude A, Fridrich G. "Management of Ocular Cicatricial Pemphigoid", Annual Course of Ophthalmology.
- Poster: **Pighin MS**, Fridrich G, Aldecoa JP. "Medical Treatment of Lacrimal gland tumor", Annual Course of Ophthalmology.
- Poster: **Pighin MS**, Roude A, Fridrich G. "Ocular Cicatricial Pemphigoid", Annual Course of Ophthalmology.
- Scientific photography: Clementi MM, **Pighin MS**, Scarponi N. "Cowhide", Annual Course of Ophthalmology.
- Scientific photography: **Pighin MS**, Clementi MM, Saiz ME. "I dropped the inkwell", Annual Course of Ophthalmology.

## 2008

- Poster: **Pighin MS**, Nano HD Sr. "ARMD treatment with monoclonal antibodies", PanAmerican Congress of Ophthalmology, Uruguay; March 8<sup>th</sup>.
- Speaker: "OCT in the anti VEGF treatment", Opticare and Topcon Symposium, National Conference of Ophthalmology.
- Poster: Clementi, MM, **Pighin, MS**, Pioli P, Nano HD Sr. "Papilar edema by OCT in a patient with ocular hypotension and traumatic cyclodialysis", National Conference of Ophthalmology.

- Poster: Clementi MM, **Pighin MS**, Del Río R. "Papilar edema by OCT 3D in endocranial hypertension and hydrocephalus", National Conference of Ophthalmology.
- Poster: **Pighin, MS**, Clementi MM, Pioli P, Nano HD Sr. "ARMD treatment and the future of anti VEGF drugs", National Conference of Ophthalmology.
- 2<sup>nd</sup> Prize for the Poster: **Pighin, MS**, Clementi MM, Pioli P, Nano HD Sr. "ARMD treatment and the future of anti VEGF drugs", National Conference of Ophthalmology.
- Poster: **Pighin MS**, Fridrich G, Oyola E, Bote P. "Caruncle tumors", Annual Course of Ophthalmology.
- Poster: Oyola E, Bote P, **Pighin MS**, Fridrich G. "Keratoconus in low astigmatism", Annual Course of Ophthalmology.
- Speaker: **Pighin MS**, Nano HD Sr. "Monoclonal antibodies in Ophthalmology – VEGF Trap", Annual Course of Ophthalmology.
- Speaker: **Pighin MS**, Clementi, MM, Nano, HD Sr. "OCT in antiangiogenic Therapy", Annual Course of Ophthalmology.
- Speaker in the Course "OCT from A to Z", Annual Course of Ophthalmology.
- Speaker: "Control of anti VEGF therapy by OCT", Dr. Nano Eye Clinic, May 8<sup>th</sup>.
- Speaker in: Workshop of Three-Dimensional Optical Coherence Tomography and Autofluorescence, Dr Nano Eye Clinic, September 27<sup>th</sup>.
- Speaker in: Workshop of Three-Dimensional Optical Coherence Tomography and Autofluorescence, Dr Nano Eye Clinic, November 22<sup>nd</sup>.

## 2007

- Speaker: **Pighin MS**, Nano HD Sr. "Wet ARMD treatment with monoclonal antibodies", COA.

## 2006

- Speaker: "Differential diagnosis between Gitelman syndrome and hypomagnesemia", 15<sup>th</sup> Congress National Congress of Medicine.

## 7. PUBLICATIONS

- **Pighin MS**, Clementi MM: "Tomografía de coherencia óptica en la terapia angiogénica". *Arch Oftalmol Bs As*. 2008; 79: 29-34. ISSN 0066-6777.

- **Pighin MS**, Nano HD Sr., Castro Feijoo S, De Mauri E, Nano ME, Lansingh V: "Epidemiología de la degeneración macular relacionada con la edad: su desarrollo en Argentina". *Oftalmol Clin Exp*. 2010; 4(2): 89-93. ISSN 1851-2658.
- **Pighin MS**, Penniecook Sawyers JA, Martínez-Domínguez P, Espinosa-Galaviz J, Gómez-Bastar PA, Lansingh VC. "Bevacizumab, uso e indicaciones oftalmológicas para retinopatía diabética en el Instituto de la Visión, Montemorelos, Mexico". *Rev Mex Oftalmol*. 2013; 87(1): 25-31. ISSN 0187-4519.
- Nano ME, Lansingh VC, **Pighin MS**, Zarate N, Nano H, Carter MJ, Furtado JM, Nano CC, Vernengo LF, Luna JD, Eckert KA, "Risk Factors of Age-related Macular Degeneration in Argentina". *Arq Bras Oftalmol*. 2013; 76(2): 80-4. ISSN 0004-2749.
- **Pighin MS**, Jürgens I. "Maculopatía por paclitaxel. In: Casos Clínicos en Oftalmología II". SERV, 2018. ISBN 978-84-16269-41-9.
- **Pighin MS**, Berrozpe C, Jürgens I. "Outcome of acute non-traumatic vitreous hemorrhage in healthy patients". *Retina* 2020; 40:87–91. ISSN 0275-004X.
- Jürgens I, **Pighin MS**. "Ab externo approach to treat bilateral haptic extrusion secondary to scleral erosion of an intrascleral sutureless-fixated Carlevale intraocular lens". *J Cataract Refract Surg* 2021; Jan 18. doi: 10.1097/j.jcrs.0000000000000579. Online ahead of print. ISSN 0886-3350.
- Dyrda A, **Pighin MS**, Rey A, Jürgens I. Comment on: "In vivo evaluation of a 1-piece foldable sutureless intrascleral fixation lens using ultrasound biomicroscopy and anterior segment optical coherence tomography". *J Cataract Refract Surg* 2021; 47(2):284-285. ISSN 0886-3350.
- Dyrda A, **Pighin MS**, Rey A, Jürgens I. "Intraoperative intraocular lens opacification". *Annals d'oftalmologia* 2022; Vol 30, nº3. ISSN-e 1133-7737.
- Dyrda A, **Pighin MS**, Jürgens I. "Endoscope-assisted Carlevale lens implantation in patients without capsular support: a novel surgical approach to ensure correct lens positioning". *Retina* 2022; Apr 6. doi: 10.1097/IAE.00000000000003496. Online ahead of print. ISSN 0275-004X.

## 8. MEDICAL SOCIETIES

- SERV (Spanish Society of Retina and Vitreous)
- SCOFT (Catalan Society of Ophthalmology)
- EURETINA (European Society of Retina Specialists)