

# Mariachiara Di Pippo, MD, FEBO

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## PERSONAL DATA

### Mariachiara Di Pippo, MD, FEBO

Date of birth

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PEC [mariachiara.dipippo@omceoromapec.it](mailto:mariachiara.dipippo@omceoromapec.it)

## EDUCATION AND TRAINING

Jul 2021 – Now	<b>Research Fellowship</b> University of Rome “Sapienza”
Nov 2016 – Nov 2020	<b>Ophthalmology Residency</b> University of Rome “Sapienza”
Sept 2013- July 2015	<b>Internship in Ophthalmology</b> Sant’Andrea Hospital, Rome, Italy
Oct 2009– July 2015	<b>Medical School</b> Faculty of Medicine and Psychology, University of Rome “Sapienza”.

## CERTIFICATIONS

May 2023	<b>Fellow of European Board of Ophthalmology (FEBO)</b> , European Board of Ophthalmology
November 13 <sup>th</sup> 2020	<b>Speciality degree – Specialist in Ophthalmology</b> , Score 70/70 cum laude University of Rome “Sapienza”
February 4 <sup>th</sup> 2016	<b>Italian State Medical Licensing Examination</b> University of Rome “Sapienza”.

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March 17<sup>th</sup> 2016

**Authorization to medical practice** in Italy.

Identification number: 62112

July 15<sup>th</sup> 2015

**Degree in Medicine and Surgery**, Score 110/110 *cumlaude*.

Thesis: *“Incision size influence on corneal outcome in phacoemulsification surgery*

## POSTGRADUATE COURSES

March 2019 – January 2020

**Advanced Training Course: “Planning and analysis of observational and experimental clinical studies”**

University of Rome “Sapienza”

November 2022 – now

**PhD student in “Sensorineural plasticity”**

Department of Neuroscience, Mental Health and Sensory Organs (NESMOS),  
University of Rome “Sapienza”

## CO-INVESTIGATOR INTERNATIONAL CLINICAL TRIALS

Apr 2019- present

“A Study to Evaluate the Effectiveness of Intravitreal Aflibercept in Patients With Diabetic Macular Edema and/or Macular Edema Secondary to Retinal Vein Occlusion, Which Either Have or Have Not Been Pretreated for Their Disease (AURIGA)”. EudraCT 2013-00333433. Study No. CRFB002FIT01. Sponsor: BAYER.

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Feb 2018 - present

“Randomized, double-blind, controlled trial evaluating the effects of an ophthalmic solution of coenzyme q10 and vitamin e in patients affected by open-angle glaucoma\_COQUN STUDY”. EudraCT 2013-003333-15. Study No. CRFB002AIT02. Sponsor: MARIO NEGRI INSTITUTE FOR FARMACOLOGICAL RESEARCH.

Oct 2017- Feb 2019

“Preservative-free fixed-dose combination of tafluprost 0.0015% / timolol 0,5% in patients with open-angle glaucoma or ocular hypertension: clinical effectiveness, tolerability and safety in a real world setting”. Sponsor: SANTEN GMBH.

## CO-INVESTIGATOR INTERNATIONAL CLINICAL TRIALS

Apr 2019- present	“A Study to Evaluate the Effectiveness of Intravitreal Aflibercept in Patients With Diabetic Macular Edema and/or Macular Edema Secondary to Retinal Vein Occlusion, Which Either Have or Have Not Been Pretreated for Their Disease (AURIGA)”. EudraCT 201300333433. Study No. CRFB002FIT01. Sponsor: BAYER.
Feb 2018 - present	“Randomized, double-blind, controlled trial evaluating the effects of an ophthalmic solution of coenzyme q10 and vitamin e in patients affected by open-angle glaucoma_COQUN STUDY”. EudraCT 2013-003333-15. Study No. CRFB002AIT02. Sponsor: MARIO NEGRI INSTITUTE FOR FARMACOLOGICAL RESEARCH.
Oct 2017- Feb 2019	“Preservative-free fixed-dose combination of tafluprost 0.0015% / timolol 0,5% in patients with open-angle glaucoma or ocular hypertension: clinical effectiveness, tolerability and safety in a real world setting”. Sponsor: SANTEN GMBH.

**Investigator** in the multicentral project entitled “Retinal and choroidal vascular and thickness alterations in patients with subretinal drusenoid deposits evaluated by optical coherence tomography angiography (RCSDD)” University of Rome Sapienza, Ospedale Sant’Andrea in collaboration with the Department of Ophthalmology, University Hospital Zurich. Protocol 74SA\_2020 (06/06/2020- present)

**Investigator** in the “Progetto di Ateneo”, University of Rome Sapienza for multicentric project entitled “Retinal and choroidal vascular and thickness alterations in patients with subretinal drusenoid deposits evaluated by optical coherence angiography (prot. RP11916B7AC27CBC (Delibera del S.A. 300/19 of 26/11/2019- present)

**Investigator** of the grant project Progetto di Ateneo, University of Rome Sapienza entitled “Choriocapillaris vascular density and choroidal vascularity index in quiescent macular neovascularization: correlations in conversion to exudative disease or geographic atrophy “ (n. protocollo RP12117A34924689 - Delibera del S.A n.36/2022 del 15/02/2022) ) Grant value Euro 4000 (15/02/2022 to present)

**Principal Investigator** of the grant project Progetto di Ateneo, University of Rome Sapienza entitled “Valutazione della vascolarizzazione coroideale in pazienti affetti da edema maculare diabetico sottoposti ad iniezione intravitreale di Desametasone “ (n. protocollo AR2221815C7AC1E7) (15/12/2022 to present)

## PUBLICATIONS/BOOKS

**Di Pippo M**, Ciancimino C, Scuderi L, Perdicchi A. An Iconic Case of Pigmentary Glaucoma: Brief Review of the Literature. *Case Rep Ophthalmol.* 2020;11(2):377-384.

Di Tizio F, Gattazzo I, Di Staso F, **Di Pippo M**, Guglielmelli F, Scuderi G. Human amniotic membrane patch and platelet-rich plasma to promote retinal hole repair in a recurrent retinal detachment [published online ahead of print, 2020 Sep 2]. *Eur J Ophthalmol.* 2020;1120672120953314

de Paula A, Abdolrahimzadeh S, Fraggiotta S, **Di Pippo M**, Scuderi G. Current concepts on ocular vascular abnormalities in the phakomatoses. *Semin Ophthalmol.* 2021 Mar 23:1-12.

Formisano M, **Di Pippo M**, Scuderi L, Abdolrahimzadeh S. Current concepts on diffuse choroidal hemangioma in Sturge Weber syndrome. *Ophthalmic Genet.* 2021 Apr 12:1-8.

Abdolrahimzadeh S, **Di Pippo M**, Sordi E, Zweifel SA. Inner Retinal Layer Thickness Alterations in Early Age Related Macular Degeneration in Eyes with Subretinal Drusenoid Deposits or Conventional Drusen. *J Clin Med.* 2021 Oct 31;10(21):5136.

Abdolrahimzadeh S, Fraggiotta S, Ciancimino C, **Di Pippo M**, Scuderi G. Choroidal vascularity index in adult onset foveomacular vitelliform dystrophy: a pilot study. *Appl Sci* 2021, 11, 10487. IF 2.679

Abdolrahimzadeh S, **Di Pippo M**, Sordi E, Cusato M, Lotery AJ. Subretinal drusenoid deposits as a biomarker of age-related macular degeneration progression via reduction of the choroidal vascularity index. *Eye (Lond).* 2023 May;37(7):1365-1370. Epub 2022 Jun 23.

**Di Pippo M**, Di Staso F, De Ponte C, Fraggiotta S, Abdolrahimzadeh S. Nab-Paclitaxel related cystoid macular edema. *Clin Ter.* 2022 Jul-Aug;173(4):377-383.

Abdolrahimzadeh S, Formisano M, **Di Pippo M**, Lodesani M, Lotery AJ. The Role of the Choroid in Stargardt Disease. *Int J Mol Sci.* 2022 Jul 9;23(14):7607.

Abdolrahimzadeh S, **Di Pippo M**, Ciancimino C, Di Staso F, Lotery AJ. Choroidal vascularity index and choroidal thickness: potential biomarkers in retinitis pigmentosa. *Eye (Lond).* 2022 Oct 7. doi: 10.1038/s41433-022-02270-5. Epub ahead of print.

Fraggiotta S, Scuderi L, Iodice CM, Rullo D, **Di Pippo M**, Maugliani E, Abdolrahimzadeh S. Choroidal Vasculature Changes in Age-Related Macular Degeneration: From a Molecular to a Clinical Perspective. *Int J Mol Sci.* 2022 Oct 9;23(19):12010.

Di Staso F, **Di Pippo M**, Abdolrahimzadeh S. Choroidal Neovascular Membranes in Retinal and Choroidal Tumors: Origins, Mechanisms, and Effects. *Int. J. Mol. Sci.* 2023, 24, 1064.

**Di Pippo M**, Fraggiotta, S.; Di Staso, F.; Scuderi, L.; Abdolrahimzadeh, S. The Role of Alpha-Synuclein Deposits in Parkinson's Disease: A Focus on the Human Retina. *Int. J. Mol. Sci.* 2023, 24, 4391.

Di Staso F, Rullo D, **Di Pippo M**, Di Staso S, Abdolrahimzadeh S. Optical Diagnostics in Herpetic Keratitis. *Photonics.* 2023; 10(4):349.

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Abdolrahimzadeh S, **Di Pippo M**, Sordi E, Cusato M, Lotery AJ. Subretinal drusenoid deposits as a biomarker of age-related macular degeneration progression via reduction of the choroidal vascularity index. *Eye (Lond)*. 2023 May;37(7):1365-1370.

Abdolrahimzadeh S, **Di Pippo M**, Ciancimino C, Di Staso F, Lotery AJ. Choroidal vascularity index and choroidal thickness: potential biomarkers in retinitis pigmentosa. *Eye (Lond)*. 2023 Jun;37(9):1766-1773.

Scuderi L, Fragiotta S, **Di Pippo M**, Abdolrahimzadeh S. The Role of Diabetic Choroidopathy in the Pathogenesis and Progression of Diabetic Retinopathy. *Int J Mol Sci*. 2023 Jun 15;24(12):10167.

**Di Pippo M**, Santia C, Rullo D, Ciancimino C, Grassi F, Abdolrahimzadeh S. The Choroidal Vascularity Index Versus Optical Coherence Tomography Angiography in the Evaluation of the Choroid with a Focus on Age-Related Macular Degeneration. *Tomography*. 2023 Aug 4;9(4):1456-1470.

Ciancimino C, **Di Pippo M**, Rullo D, Ruggeri F, Grassi F, Scuderi G, Abdolrahimzadeh S. An Update on Multimodal Ophthalmological Imaging of Diffuse Choroidal Hemangioma in Sturge-Weber Syndrome. *Vision (Basel)*. 2023 Oct 6;7(4):64

Di Staso F, **Di Pippo M**, Abdolrahimzadeh S. Choroidal Neovascular Membranes in Retinal and Choroidal Tumors: Origins, Mechanisms, and Effects. *Int J Mol Sci*. 2023 Jan 5;24(2):1064.

**Di Pippo M**, Cipollini V, Giubilei F, Scuderi G, Abdolrahimzadeh S. Retinal and Choriocapillaris Vascular Changes in Early Alzheimer Disease Patients Using Optical Coherence Tomography Angiography. *J Neuroophthalmol*. 2023 Jun 23.

Abdolrahimzadeh S, Zweifel SA, **Di Pippo M**, Bajka A, Scuderi G, Lotery AJ. Central macular choriocapillaris impairment as a manifestation of microvascular disease in eyes with subretinal drusenoid deposits. *Eye (Lond)*. 2023 Jul 7.

Chapter 5: *“Trattamento del glaucoma primario da chiusura d’angolo – trattamenti laser” (Treatment of primary angle-closure glaucoma - laser treatments)* Authors: Scuderi G, Di Pippo M. Book: Trattamento del glaucoma (Glaucoma treatment) Chapter 5, Relazione ufficiale SOI 2017.

Chapter 3: *“Influenza dell’alimentazione sulla produzione delle ghiandole di Meibomio”* Authors: Scuderi G, Di Pippo M. Book: La disfunzione delle ghiandole di Meibomio Chapter 5, Relazione ufficiale SOI 2019.

## POSTERS

Fenicia V, **Di Pippo M**, Plateroti P, Scuderi G. Analysis of optical coherence tomography parameters in the evaluation of diabetic polyneuropathy. ESASO retina academy 2018

**Di Pippo M**, Di Staso F, Fragiotta S, MD, Ciancimino C, Abdolrahimzadeh S. Intravitreal dexamethasone implant versus topical dorzolamide in nab-paclitaxel induced cystoid macular edema. Euretina 2021

Abdolrahimzadeh S, **Di Pippo M**, Sordi E, Cusato M, Lotery A. Scuderi G, Zweifel S Subretinal drusenoid deposits as a biomarker of age-related macular degeneration progression via reduction of the choroidal vascularity index. OCT forum 2021

Abdolrahimzadeh S, **Di Pippo M**, Bajka A, Scuderi G, Zweifel S. Choriocapillaris impairment in eyes with subretinal drusenoid deposits or conventional drusen assessed by optical coherence tomography angiography. OCT forum 2022

## PARTICIPATION AS INVITED SPEAKER, CO-SPEAKER, OR ORGANISATION - NATIONAL AND INTERNATIONAL SCIENTIFIC CONFERENCES

7 Dec 2019 – Invited speaker at the conference “ERGOFTALMOLOGIA: IL DISCOMFORT DI DOMANI” for the report “Ipotesi di studio: sindrome astenopeica e danno oculistico da mobbing”

17 Oct 2020 – Invited speaker at the conference “7° NUTRACEUTICA E OCCHIO” for the report “I ritmi circadiani nell’integrazione”

3 Feb 2022 – Invited speaker at the course “Patient management with Macular Edema Diabetic: clinical cases in comparison”, Rome

30 Apr 2022 - Invited speaker at the conference “SOR” for the report “Nutraceutica, integratori, vitamine: quando consigliarli come terapia di supporto? Evidenze scientifiche”

4 Sep 2022 – Speaker at the international conference “Euretina 2022” for the report “Optical coherence tomography angiography evaluation in Alzheimer’s disease”

17 Sep 2022 - Invited speaker at the conference “SiNut” for the report “Un occhio al nutraceutico: i nutraceutici per gli occhi”

09 Jun 2023 - Speaker at the international conference “GIVRE 2023” for the report “The importance of nutraceuticals in Eye’s health”

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23 Jun 2023 - Invited speaker at the conference “Facciamo luce sul dry eye” for the report “Dry Eye e Nutrizione. Deficit della vitamina D”

## **PARTICIPATION IN EDITORIAL BOARDS OF SCIENTIFIC JOURNALS, BOOKS, AND REVIEWER ROLES**

Now - **Guest Editor** International Journal of Molecular Sciences -IJMS, Publisher MPDI, ISSN 1422-0067; CODEN: IJMCFK; ISSN 1661-6596 (IF 5.924 - indexed in Academic OneFile (Gale), AGRIS, CABI, CAB Direct, CAPlus/SciFinder, China Academic Journals (CNKI), DOAJ, EBSCO, Elsevier, SCOPUS, Embase, J-Gate, NLM, PubMrd, MEDLINE, PMC, SCIE, Current Contents-Physical, Chemical & Earth Sciences) Special issue- Advances in Molecular Science and Genomics: Retinal and Choroidal Diseases.

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Now – Reviewer in international journals: Case Report in Ophthalmology, BMC Ophthalmology.

## SOCIETY MEMBERSHIPS

Member of EURETINA (2021-present)

Member of Società Oftalmologica Italiana (SOI) (2020-2022)

Member of Società Italiana di Scienze Oftalmologiche (SISO) (2023-present)

## CLINICAL ACTIVITY

**Residency:** training and experience in all areas of ophthalmology. Work based at University of Rome Sapienza (Azienda Ospedaliera Universitaria Sant'Andrea) with extensive experience in all areas of ophthalmic care in a hospital environment.

**2020-present:** Fellow research specialist at the Ophthalmology Unit, Azienda Ospedaliera Sant'Andrea, University of Rome Sapienza.

**Nov 2020 – Nov 2021:** Ophthalmology specialist at the Poliambulatorio ME.DI.T, Rome, Italy

**Nov 2021 - May 2022:** Ophthalmology specialist at the Civita castellana hospital (ASL Viterbo), Italy

**2020-2022:** Fellow research specialist at the Ophthalmology Unit, Azienda Ospedaliera Sant'Andrea, University of Rome Sapienza.

**2022-Now:** PhD student of sensorineural plasticity at the department of neuroscience, mental health, and sensory organs (NESMOS), University of Rome Sapienza.

**Mar 2023 – present:** Ophthalmology specialist at the Belcolle hospital (ASL Viterbo), Italy



## LANGUAGE AND COMPUTER SKILLS

**Italian** Mother tongue

**English** Good (ESOL international certificate Level B2)

**Good knowledge of medical statistics.**

**Computer skills** Good knowledge of Microsoft Windows, Macintosh, MS Office, Internet explorer and other browsers, SPSS statistics (version 16.0 and all subsequent releases).

I authorize the use of personal details contained in my curriculum vitae according to art.13 del D.Lgs. 196/2003 e s.m.