

CURRICULUM VITAE



GENERAL INFORMATION

Name **PETRONI SERGIO**

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Nationality Italian

Date of Birth 22ND JUNE 1978

WORK EXPERIENCE

- Dates (from – to) 2012 – now
- Name and address of employer Ospedale Pediatrico Bambino Gesù
- Type Public Health
- Occupation or position held Ophthalmologist
- Main activities and responsibilities Pediatric Ophthalmology, Medical and Surgical Retina

- Dates (from – to) 2008 – 2012
- Name and address of employer Catholic University of Rome
- Type Public Health
- Occupation or position held Ophthalmologist
- Main activities and responsibilities Pediatric Ophthalmology, Medical and Surgical Retina
Professional Consultation “Database uptodate for anti –VEGF drugs monitoring”
2012: prot 18797/13
2013: prot 5082/12

- Dates (from – to) 2009 – now
- Name and address of employer Studio Oculistico Petroni
- Type Public Health
- Occupation or position held Chief, Private Practice
- Main activities and responsibilities General Ophthalmology, Pediatric Ophthalmology, Medical and Surgical Retina

- Dates (from – to) 2009 – 2014
- Name and address of employer Centro Polispecialistico Figebo – Cassino (FR)
- Type Public Health
- Occupation or position held Ophthalmologist, Private Practice
- Main activities and responsibilities General Ophthalmology

EDUCATION AND TRAINING

- Dates (from – to) 23/11/ 2015
- Title of qualification awarded GCP Training with Certification
- Name and type of organization providing education and training Novartis RAINBOW STUDY (RFB002H2301) eLearning Portal

- Dates (from – to) 23/11/ 2015
- Title of qualification awarded Safety Reporting for Clinical Trials with Certification
- Name and type of organization providing education and training Novartis RAINBOW STUDY (RFB002H2301) eLearning Portal

- Dates 23/10/2008
- Name and type of organisation providing educational and training Specialization (Residency) in Ophthalmology - Catholic University of Rome
- Title of qualification awarded Ophthalmologist
- Level in national classification 50/50 Cum Laude

- Dates (from – to) from 21/01/08 to 08/02/08
- Name and type of organisation providing education and training Observership at Medical Retina Service at Moorfields Eye Hospital (London – GB)

- Dates (from – to) dal 21/11/05 al 22/11/05
- Name and type of organisation providing education and training Vitreoretinal virtual training with EYESI simulator, at Clinica Oculistica dell'Università di Foggia (prof. N. Delle Noci).

- Dates (from – to) 25th february 2005
- Name and type of organisation providing education and training Catholic University of Rome
- Title of qualification awarded MD abilitation

- Dates (from – to) 23/7/2003
- Name and type of organisation providing education and training Bachelor of Medicine, Bachelor of Surgery (M.B.B.S.) – Catholic University of Rome
- Title of qualification awarded MD
- Level in national classification 110/110 Cum Laude

SURGICAL EXPERIENCE

- Dates (from – to) 2004 - now
- Name and type of organisation providing education and training Catholic University of Rome
Ospedale pediatrico Bambin Gesù – Rome

- Cataract Extraction in adults, children and infant, strabismus surgery, eyelid surgery, anterior and posterior segment surgery.

TEACHING

- Dates (from – to) 2024
- Name and type of organisation providing education and training LUISS University of Rome – Master di II Livello “Valutazione e riabilitazione delle problematiche neurovisive pediatriche”
- Title of qualification awarded Professor - Teaching

- Dates (from – to) 2018-present
- Name and type of organisation providing education and training Tor Vergata University of Rome - Degree in Orthoptics (CLOAO)
- Title of qualification awarded Professor - Teaching “Pediatric Ophthalmology”

- Dates (from – to) 2013-14
- Name and type of organisation providing education and training Catholic University of Rome - Degree in Orthoptics (CLOAO)
- Title of qualification awarded Professor - Teaching “Anatomo-fisiologia dell'apparato oculare 2”

- Dates (from – to) November 5th 2021
- Title of qualification awarded Professor
- Name and type of organisation providing education and training Master "Posturologia" at 'Istituto di Alta Formazione (IAF)" of Rome.

PUBLICATION WITH IMPACT FACTOR

1. Buzzonetti L, Petrocelli G, **Petroni S**, Valente P, Iarossi G. Simultaneous transepithelial topographic-guided laser and cross-linking to correct irregular astigmatism in a pediatric patient. *Eur J Ophthalmol.* 2023 Jan;33(1):NP47-NP50
2. Buzzonetti L, **Petroni S**, Federici M. Effectiveness of hyaluronic acid and arnica extract ophthalmic solution in reducing dry eye symptoms in pediatric population. *Eur J Ophthalmol.* 2022 Oct 2:11206721221128670. doi: 10.1177/11206721221128670
3. **Petroni S**, Iarossi G, Federici M, De Sanctis CM, Petrocelli G, Parrilla R, Valente P, Buzzonetti L. Analysis of tear film in cystinosis patients treated with topical viscous cysteamine hydrochloride (Cystadrop®). *Eur J Ophthalmol.* 2022 Feb 7:11206721221078649. doi: 10.1177/11206721221078649.
4. Mercuri E, Deconinck N, Mazzone ES, Nascimento A, Oskoui M, Saito K, Vuillerot C, Baranello G, Boespflug-Tanguy O, Goemans N, Kirschner J, Kostera-Pruszczyk A, Servais L, Gerber M, Gorni K, Khwaja O, Kletzl H, Scalco RS, Staunton H, Yeung WY, Martin C, Fontoura P, Day JW; SUNFISH Study Group. Safety and efficacy of once-daily risdiplam in type 2 and non-ambulant type 3 spinal muscular atrophy (SUNFISH part 2): a phase 3, double-blind, randomised, placebo- controlled trial. *Lancet Neurol.* 2022 Jan;21(1):42-52.
5. **Petroni S**, Catena G, Iarossi G, Federici M, Zinzanella G, Parrilla R, Valente P, Buzzonetti L. Treatment of Advanced Coats' Disease With Combination Therapy of Laser Photocoagulation, Intravitreal Ranibizumab, and Sub-Tenon Methylprednisolone Acetate. *J Pediatr Ophthalmol Strabismus.* 2021 Dec 20:1-5.
6. Auriti C, Mondì V, Aversa S, Merazzi D, Lozzi S, **Petroni S**, Baldascino A, Massenzi L, Bellù R, Martinelli S, Mosca F. OPHTHALMIA NEONATORUM in Italy: it is time for change. *Ital J Pediatr.* 2021 Dec 18;47(1):238

7. Buzzonetti L, Petrocelli G, **Petroni S**, Valente P, Iarossi G. Simultaneous transepithelial topographic-guided laser and cross-linking to correct irregular astigmatism in a pediatric patient. *Eur J Ophthalmol*. 2021 Sep
8. Buzzonetti L, **Petroni S**, De Sanctis CM, Valente P, Federici M, Benassi C, Iarossi G. Comparative analysis of visual outcomes of multifocal and monofocal intraocular lenses in congenital cataract surgery. *J Cataract Refract Surg*. 2022 Jan 1;48(1):56-60
9. Iarossi G, Coppè AM, Catena G, **Petroni S**, Montes M, Buzzonetti L. Dexamethasone Intravitreal Implant (Ozurdex) in Paediatric Patients with Non-infectious Intermediate Uveitis and Related Cystoid Macular Oedema: Evaluation of Macular Morphology and Function with Six-month Follow-up; a Deeper Role of MfERG? *Ocul Immunol Inflamm*. 2020 Aug 24:1-7.
10. Valente P, Iarossi G, Federici M, **Petroni S**, Palma P, Cotugno N, De Ioris MA, Campana A, Buzzonetti L. Ocular manifestations and viral shedding in tears of pediatric patients with coronavirus disease 2019: a preliminary report. *J AAPOS*. 2020 Aug;24(4):212-215.
11. Buzzonetti L, Petrocelli G, Valente P, Iarossi G, Ardia R, **Petroni S**, Parrilla R. Iontophoretic Transepithelial Collagen Cross-Linking Versus Epithelium-Off Collagen Cross-Linking in Pediatric Patients: 3-Year Follow-Up. *Cornea*. 2019 Jul;38(7):859-863.
12. Buzzonetti L, Petrocelli G, Valente P, **Petroni S**, Parrilla R, Iarossi G. Refractive outcome of keratoconus treated by big-bubble deep anterior lamellar keratoplasty in pediatric patients: two-year follow-up comparison between mechanical trephine and femtosecond laser assisted techniques. *Eye Vis (Lond)*. 2019 Jan 7;6:1
13. **Petroni S**, Capozzi P, Parrilla R, Zinzanella G, Buzzonetti L. Surgical treatment of severe congenital ptosis using deep temporal fascia. *Orbit*. 2018 Oct 16:1-5.
14. Raucci U, Parisi P, Vanacore N, Ferro V, Garone G, Sancetta F, **Petroni S**, Pro S, Rossi R, Reale A, Pirozzi N. A cohort study on acute ocular motility disorders in pediatric emergency department. *Ital J Pediatr*. 2018 May 29;44(1):62
15. Calandriello L, Grimaldi G, Petrone G, Rigante M, **Petroni S**, Riso M, Savino G. Cavernous venous malformation (cavernous hemangioma) of the orbit: Current concepts and a review of the literature. *Surv Ophthalmol*. 2017 Jan 26
16. Buzzonetti L, Ardia R, **Petroni S**, Petrocelli G, Valente P, Parrilla R, Iarossi G. Four years of corneal keratoplasty in Italian paediatric patients: indications and clinical outcomes. *Graefes Arch Clin Exp Ophthalmol*. 2016 Nov;254(11):2239-2245.
17. Dickmann A, Di Sipio E, Symbolotti C, Agresta A, Germanotta M, Tredici C, **Petroni S**, Padua L, Aprile I. Balance in subjects with congenital or early onset strabismus: Influence of age. *Neurosci Lett*. 2016 Jun 3;623:28-35.
18. Agresta A, Fasciani R, Padua L, **Petroni S**, La Torraca I, Dickmann A, Zampino G, Caporossi A. Corneal alterations in Crisponi/CISS1 syndrome: A slit-lamp biomicroscopy and in vivo confocal microscopy corneal report. *Ophthalmic Genet*. 2017 Jan-Feb;38(1):83-87.
19. Buzzonetti L, Petrocelli G, Valente P, Iarossi G, Ardia R, **Petroni S**, Parrilla R. The Big-Bubble Full Femtosecond Laser-Assisted Technique in Deep Anterior Lamellar Keratoplasty. *J Refract Surg*. 2015 Dec;31(12):830-4. doi:
20. Savino G, Mandarà E, Calandriello L, Dickmann A, **Petroni S**. A Modified One-Stage Early Correction of Blepharophimosis Syndrome Using Tutopatch Slings Orbit. 2015 Jun 4:1-6
21. Buzzonetti L, Petrocelli G, Valente P, Iarossi G, Ardia R, **Petroni S**. Iontophoretic transepithelial corneal cross-linking to halt keratoconus in pediatric cases: 15-month follow-up. *Cornea*. 2015 May;34(5):512-5.
22. Romani L, Diociaiuti A, D'Argenio P, El Hachem M, Gargiullo L, Boldrini R, De Pità O, **Petroni S**, Zambruno G. A Case of Neonatal Linear IgA Bullous Dermatitis with Severe Eye Involvement. *Acta Derm Venereol*. 2015 Feb 24.
23. Abed E, Piccardi M, Rizzo D, Chiaretti A, Ambrosio L, **Petroni S**, Parrilla R, Dickmann A, Riccardi R, Falsini B. Functional Loss of The Inner Retina in Childhood Optic Gliomas Detected by Photopic Negative Response. *Invest Ophthalmol Vis Sci*. 2015 Jan 29.
24. Liccardo D, Mosca A, **Petroni S**, Valente P, Giordano U, Mico' AG, Pescosolido S, Buzzonetti L, Nobili V. The association between retinal microvascular changes, metabolic risk factors, and liver histology in pediatric patients with non-alcoholic fatty liver disease (NAFLD). *J Gastroenterol*. 2014 Dec 17.
25. Buzzonetti L, **Petroni S**, Catena G, Iarossi G. Optical coherence tomography and electrophysiological findings in torpedo maculopathy. *Doc Ophthalmol*. 2015 Feb;130(1):65-70.
26. Buzzonetti L, **Petroni S**, Capozzi P. Clinical evolution of bilateral Brown syndrome. *J AAPOS*. 2014 Oct;18(5):516.
27. Capozzi P, **Petroni S**, Buzzonetti L. Combined HLA matched limbal stem cells allograft with amniotic membrane transplantation as a prophylactic surgical procedure to prevent corneal graft rejection after penetrating keratoplasty: case report. *Ann Ist Super Sanita*. 2014;50(3):298-300.

28. Buzzonetti L, Capozzi P, Petrocelli G, Valente P, **Petroni S**, Menabuoni L, Rossi F, Pini R. Laser welding in penetrating keratoplasty and cataract surgery in pediatric patients: early results. *J Cataract Refract Surg.* 2013 Dec;39(12):1829-34.
29. Savino G, **Petroni S**, Balia L, Caputo CG, Battendieri R, Francesco d'Alò F, Emilio Balestrazzi E. Secondary orbital and intraocular lymphoma treated with immuno chemotherapy: case report.. *Retinal Cases & Brief Reports* 2013
30. Dickmann A, **Petroni S**, Salerni A, Parrilla R, Savino G, Battendieri R, Perrotta V, Radini C and Balestrazzi E. Improved sensory status and quality-of-life measures in adult patients after strabismus surgery.. *J AAPOS.* 2013 Feb;17(1):25-8.
31. Dickmann A, Parrilla R, Aliberti S, Perrotta V, Salerni A, Savino G, **Petroni S**. Prevalence of Neurological Involvement and Malformative/systemic Syndromes in A- and V-pattern Strabismus. *Ophthalmic Epidemiol.* 2012 Oct;19(5):302-5.
32. Dickmann A, **Petroni S**, Perrotta V, Parrilla R, Aliberti S, Salerni A, Savastano MC. Measurement of retinal nerve fiber layer thickness, macular thickness, and foveal volume in amblyopic eyes using spectral-domain optical coherence tomography. *J AAPOS.* 2012 Feb;16(1):86-8.
33. Dickmann A, **Petroni S**, Perrotta V, Salerni A, Parrilla R, Aliberti S, Savastano MC, Centra D, Discendenti S, Balestrazzi E. A morpho-functional study of amblyopic eyes with the use of optical coherence tomography and microperimetry. *J AAPOS.* 2011 Aug;15(4):338-41.
34. Dickmann A, **Petroni S**, Salerni A, Parrilla R, Savino G, Battendieri R, Perrotta V, Radini C, Balestrazzi E. Effect of vertical transposition of the medial rectus muscle on primary position alignment in infantile esotropia with A- or V-pattern strabismus. *J AAPOS.* 2011 Feb;15(1):14-6.
35. Savino G, Perrotta V, Colucci D, Balia L, Sammartino M, Garra R, **Petroni S**, Mastrocola A, Balestrazzi E. Mydriasis induced by sub-Tenon's ropivacaine injection in patients undergoing strabismus surgery. *J AAPOS.* 2010 Apr;14(2):124-6.
36. Dickmann A, Parrilla R, Salerni A, Savino G, Vasta I, Zollino M, **Petroni S**, Zampino G. Ocular manifestations in Wolf-Hirschhorn syndrome. *J AAPOS.* 2009 Jun;13(3):264-7
37. Dickmann A, **Petroni S**, Salerni A, Dell'Omo R, Balestrazzi E. Unilateral amblyopia: An optical coherence tomography study. *J AAPOS.* 2009 Apr;13(2):148-50.
38. Scupola A, Blasi MA, **Petroni S**, Tiberti AC, Mastrocola A, Caputo CG, Balestrazzi E. Bovine pericardium for scleral closure in transscleral local resection of choroidal melanoma. *Retina.* 2008 Nov-Dec;28(10):1530-2.
39. Fasolino G, Bamonte G, Patelli F, Centola M, **Petroni S**. Retinal pigment epithelial tear after intravitreal injection of triamcinolone acetonide for neovascular pigment epithelial detachment: a mechanical explanation. *Acta Ophthalmol Scand.* 2007 Aug;85(5):575-6.
40. Minnella AM, Falsini B, **Petroni S**, Montrone L, Zinzanella G, Bamonte G, Balestrazzi E. Ptosis after intravitreal injection of triamcinolone acetonide: a retrospective case series. *Ophthalmologica.* 2007;221(5):363.
41. Minnella AM, Falsini B, Bamonte G, Montrone L, **Petroni S**, Zinzanella G, Balestrazzi E. Optical coherence tomography and focal electroretinogram evaluation of cystoid macular edema secondary to retinitis pigmentosa treated with intravitreal triamcinolone: case report. *Eur J Ophthalmol.* 2006 Nov-Dec;16(6):883-6.

**CAPACITÀ E COMPETENZE
PERSONALI**

MOTHER TONGUE

ITALIANA

OTHER LANGUAGES

ENGLISH

- Reading skill excellent
- Writing skill excellent
- Verbal skill excellent

SPANISH

- Reading skill good
- Writing skill basic
- Verbal skill good

**ORGANISATIONAL SKILLS AND
COMPETENCES**

Study coordinator in the following Randomized Multicenter clinical Trial:

- "Double Blind, randomized, multicenter, placebo-controlled, parallel-group design clinical trial of the efficacy and tolerability of Cloricromene Hydrochloride capsules 100mg TID in diabetic patients with mild to moderate non-proliferative retinopathy" (Baush&Lomb protocol number BLQ01-003-04).

- A phase II prospective, randomised, multicentric diabetic macular edema dose ranging, comparison study evaluating the efficacy and safety of PF- 04523655 versus laser therapy (DEGAS).

Investigator in the following Randomized Multicenter clinical Trial:

- An extension study to evaluate the long-term outcomes of subjects who received treatment for retinopathy of prematurity in Study 20090 (FIREFLEYE Next 20275)
- Open-label, randomized, two-arm, controlled study to assess the efficacy, safety, and tolerability of intravitreal (IVT) aflibercept compared to laser photocoagulation in patients with retinopathy of prematurity (ROP) (FIREFLEYE 20090)
- Open-label, Single-arm, Multicenter Study to Assess the Safety of Cystadrops in Pediatric Cystinosis Patients from 6 Months Old and Below 2 Years Old (SCOB2; Study Cystadrops Ophthalmic for Below 2 years)
- A Study of Tadalafil in Pediatric Participants With Pulmonary Arterial Hypertension (PAH)
- Open-label, Longitudinal, Post-Authorization Safety Study to assess the Safety of Cystadrops® in Pediatric and Adult Cystinosis Patients in Long Term Use
- An open-label study of Risdiplam in infants with genetically diagnosed and presymptomatic spinal muscular atrophy ("Rainbowfish")
- A Study to Investigate the Safety, Tolerability, Pharmacokinetics, Pharmacodynamics and Efficacy of Risdiplam (RO7034067) in Type 2 and 3 Spinal Muscular Atrophy (SMA) Participants (SUNFISH)
- Investigate Safety, Tolerability, PK, PD and Efficacy of Risdiplam (RO7034067) in Infants With Type1 Spinal Muscular Atrophy (FIREFISH)
- Phase 3 study of Vertex 661 and ivacaftor in people with CF who have one copy of the

F508del-CFTR mutation and a second CFTR mutation predicted to have residual function (Vertex VX-661-108)

- RAINBOW Extension Study: an Extension Study to Evaluate the Long Term Efficacy and Safety of RAnibizumab Compared With Laser Therapy for the Treatment of INfants BOrn Prematurely With Retinopathy of Prematurity
- RAINBOW Study: RAnibizumab Compared With Laser Therapy for the Treatment of INfants BOrn Prematurely With Retinopathy of Prematurity (RAINBOW)

Scientific Organization in the following Congress, Courses and Masters:

- Congresso Nazionale Società Italiana Oftalmologia Pediatrica e Strabismo (SIOPS) 24-25 ottobre 2024.
- Congresso Nazionale Associazione Italiana Strabismo (AIS) 11,12 aprile 2008.
- Master Universitario di II livello in Oftalmologia Pediatrica presso l'Università Cattolica del Sacro Cuore 2012/13.

Rome, 06th june 2024 firma



Autorizzo il trattamento dei dati personali ai sensi dell'art. 13 del D.Lgs 196/2003.

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