



## Curriculum Vitae

### Personal information **Mario Romano**

#### Work experience

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- 2022 - present  
Position: Full Professor of Ophthalmology  
Employer: Humanitas University, Pieve Emanule - Milan, Italy  
Main activities: Ophthalmology teaching for undergraduate and postgraduate students; Experimental and clinical researches.
- 2019 - present  
Position: Director of Department of Ophthalmology  
Employer: Humanitas Gavazzeni – Castelli, Bergamo, Italy  
Main activities: Leadership of clinical, surgical, and administrative operations; Vitreoretinal surgery and retinal diseases; Management of medical staff and departmental resource; Coordination with hospital leadership and other departments.
- 2019 - 2022  
Position: Associate Professor of Ophthalmology  
Employer: Humanitas University, Pieve Emanule - Milan, Italy  
Main activities: Ophthalmology teaching for undergraduate and postgraduate students; Experimental and clinical researches.
- 2016 - 2019  
Position: Head of Ophthalmology Unit  
Employer: Humanitas Gavazzeni, Bergamo, Italy  
Main activities: Leadership of clinical, surgical, and administrative operations; Vitreoretinal surgery and retinal diseases; Management of medical staff and departmental resource; Coordination with hospital leadership and other departments.
- 2014 - 2016  
Position: Senior Lecturer in Ophthalmology  
Employer: Università degli Studi di Napoli "Federico II", Napoli, Italy  
Main activities: Ophthalmology teaching for undergraduate and postgraduate students; Experimental and clinical researches.
- 2014 - 2016  
Position: Consultant ophthalmologist  
Employer: Azienda Universitaria Ospedaliera "Federico II", Napoli, Italy  
Main Activities: Vitreoretinal surgery and retinal diseases.
- 2009 - 2014  
Position: Consultant ophthalmologist  
Employer: Humanitas Research Hospital, Rozzano - Milano, Italy  
Main Activities: Coordinator of vitreoretinal service

#### Education and training

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- 01-2018 to 12-2018  
Master degree in HEALTHCARE MANAGEMENT  
Università degli Studi di Napoli Federico II, Naples, Italy  
Skills covered: Management and coordination of health, social and socio-assistance structures
- 10-2007 to 03-2010  
PhD in Pharmacology and Molecular Oncology  
Department of Pharmacology, University of Ferrara, Ferrara, Italy  
Skills covered: Molecular genetics, pharmacogenomics, clinical research, biostatistics, ophthalmology
- 01-2007 to 08-2008  
Fellowship in Vitreoretinal Surgery  
St Paul's Eye Unit, Royal Liverpool University Hospital, Liverpool, UK  
Skills covered: Clinical, surgical and clinical research activity in the field of vitreoretina
- 10-2005 to 06-2006  
Retina Research Fellowship  
Retina Service, Massachusetts Eye & Ear Infirmary, Harvard Medical School, Boston, USA  
Skills covered: Animal models of vitreoretinal diseases
- 11-2002 to 11-2006  
Specialist in Ophthalmology (50/50 cum laude)  
Department of Ophthalmology, II University of Naples, Italy  
Skills covered: Specialty Training in Ophthalmology
- 09-1996 to 06-2002  
Doctor of Medicine and Surgery (MD)  
II University of Naples, Italy

## Additional information

### Publications

### Updated on December, 2025

ORCID ID: [orcid.org/0000-0003-0348-0532](https://orcid.org/0000-0003-0348-0532)

SCOPUS ID: 35249070500

Total number of publications: 350

H-index (source Scopus): 42

Total number of citations: 6299

#### Anno 2025:

- **Romano MR**, Conti F, Lazzara F, Parolini B, Ferrara M, Bucolo C. Safety profile of lutein-based blue dyes and surgical lights. *Front Pharmacol.* 2025 Nov 24;16:1704098. doi: 10.3389/fphar.2025.1704098. doi: 10.3389/fphar.2025.1704098
- Rossi T, Querzoli G, Ledda PG, Balzamino BO, Pellizzaro C, Rosari G, Steel DH, Mastropasqua R, **Romano MR**, Micera A. Is the Laminar Flow From the Vitrectomy Infusion Cannula Potentially Harmful? *Transl Vis Sci Technol.* 2025 Nov 3;14(11):29. doi: 10.1167/tvst.14.11.29.
- de Angelis L, Galasso M, Di Simplicio S, Raimondi R, Vidal-Aroca F, **Romano MR**, Toro MD, Rizzo S, Barca F. In Vivo Evaluation of SING IMT™ Alignment for Late-Stage Age-Related Macular Degeneration Using Anterior Segment OCT. *Ophthalmol Ther.* 2025 Nov 12. doi: 10.1007/s40123-025-01265-1. Online ahead of print.
- Feo A, Tailor PD, Au A, Wu A, Haidar A, **Romano MR**, Sadda SR, Tsui E. Anterior segment optical coherence tomography in uveitis: A comprehensive review of clinical applications, diagnostic insights, and future directions. *Surv Ophthalmol.* 2025 Nov 5:S0039-6257(25)00197-3. doi: 10.1016/j.survophthal.2025.11.002. Online ahead of print.
- Feo A, Boscia G, Borrelli E, Quarta A, Stradiotto E, Forte P, Viggiano P, Popovic MM, Corradetti G, Savastano A, Boscia F, Sarraf D, Sadda SR, **Romano MR**. Vitelliform lesions and choroidal changes in chorioretinal disorders: pathophysiological insights and clinical implications. *Eye (Lond).* 2025 Nov 6. doi: 10.1038/s41433-025-04103-7. Online ahead of print.
- **Romano MR**, Ferrara M, Szurman P, Spadaro A, Levis HJ, Govetto A, Rossi T, Platania CB, Januschowski K, Bucolo C, Romano V. Safety and effectiveness of vital dyes for intraocular surgery. *Prog Retin Eye Res.* 2025 Nov 1;110:101412. doi: 10.1016/j.preteyeres.2025.101412. Online ahead of print.
- Maheshwari A, Dave VP, March de Ribot F, **Romano MR**, Arevalo JF, Özdek Ş, Chang A, Ruamviboonsuk P,

- Pappuru RR, Fernandes M, Das T. Sustainable ophthalmology: an overview of concepts and practices. *Eye (Lond)*. 2025 Nov;39(16):2846-2851. doi: 10.1038/s41433-025-03999-5
- La Rosa A, Feo A, Bousquet E, Cabral D, Fouad Y, Parravano M, **Romano MR**. Angioid streaks-related choroidal neovascularization: Clinical features, multimodal imaging-based differential diagnosis, and optimized treatment strategies. *Surv Ophthalmol*. 2025 Sep 17:S0039-6257(25)00169-9. doi: 10.1016/j.survophthal.2025.09.012.
  - Lippera M, Feo A, Del Turco C, Santoru F, Fossati G, Zollet P, Panico E, **Romano MR**, Querques G, Panico C, La Spina C. Modified pro re nata regimen of brolocizumab in treatment-naive neovascular age-related macular degeneration. *Retin Cases Brief Rep*. 2024 Oct 28. doi: 10.1097/ICB.0000000000001692. Online ahead of print.
  - Chan HH, Feo A, Cabral D, Bousquet E, Popovic MM, Marin AI, Quarta A, El-Haig WM, Chong Teo KY, Tan ACS, Gemmy Cheung CM, Querques G, Govetto A, **Romano MR**, Mastropasqua R, Sadda SR, Sarraf D. Type 4 Macular Neovascularization (NV): A New Member of the Optical Coherence Tomography (OCT) Classification of NV Age-Related Macular Degeneration (AMD). *Retina*. 2025 Sep 3. doi: 10.1097/IAE.0000000000004664. Online ahead of print.
  - Fogel Levin M, Hostovsky A, Fossataro C, Caputo CG, Feo A, **Romano MR**, Fossataro F, Fried S, Birger Y, Moroz I, Dai VV. Vortex Vein Varix: Multimodal Imaging and Clinical Correlates. *Ophthalmol Retina*. 2025 Dec;9(12):1227-1230. doi: 10.1016/j.oret.2025.08.013.
  - Ruggeri ML, **Romano MR**, Rossi T, Bacherini D, Ferrara M, Placentino L, Giansanti F, Quarta A, Mastropasqua R. Silicone oil removal-related vision loss. *Surv Ophthalmol*. 2026 Jan-Feb;71(1):61-70. doi: 10.1016/j.survophthal.2025.08.011. Epub 2025 Aug 19.
  - Faraldi F, Lavia CA, Bacherini D, Rizzo C, Savastano MC, Nassisi M, Ferrara M, **Romano MR**, Rizzo S. Triamcinolone Acetonide-Assisted Visualization and Removal of Vitreous Cortex Remnants in Retinal Detachment: A Prospective Cohort Study. *Diagnostics (Basel)*. 2025 Jul 23;15(15):1854. doi: 10.3390/diagnostics1515185
  - Forte P, Feo A, Koizumi H, Borrelli E, Manocchio R, Di Cello L, Biagini F, Macocco F, Drago G, Forte G, Vagge A, Gianoglio C, Fontana V, Iester M, Nicolò M, **Romano MR**, Bonzano C. Scleral Thickness in Eyes with Pachychoroid Pigment Epitheliopathy Accompanied by Keratoconus. *Ophthalmol Sci*. 2025 Apr 26;5(5):100808. doi: 10.1016/j.xops.2025.100808. eCollection 2025 Sep-Oct.

- De Rosa G, Criscuolo D, Longo L, Allegrini D, **Romano MR**. J IOL Power Calculation After Laser-Based Refractive Surgery: Measured vs. Predicted Posterior Corneal Astigmatism Using the Barrett True-K Formula. *J Clin Med*. 2025 Jun 5;14(11):4010. doi: 10.3390/jcm14114010.
- Vinciguerra R, Herber R, Cen KZ, **Romano MR**, Raiskup F, Khoramnia R, Vinciguerra P KERATO Biomechanics Study 2: A Comparative Evaluation Before and After Corneal Cross-Linking Using Brillouin Microscopy and Dynamic Scheimpflug Imaging. *J Refract Surg*. 2025 Jun;41(6):e594-e601. doi: 10.3928/1081597X-20250506-01.
- Allegrini D, Raimondi R, Montesano G, Caruso M, Lionetti G, Carnevali A, Sorrentino T, Scorcìa V, **Romano MR**. Quantitative analysis of idiopathic epiretinal membrane traction: an updated version of the relaxation index. *Front Ophthalmol (Lausanne)*. 2025 May 22;5:1528766. doi: 10.3389/fopht.2025.1528766.
- Feo A, Santina A, Abraham N, Mafi M, Popovic MM, Govetto A, **Romano MR**, Johnson MW, Sarraf D. En Face OCT Imaging of Epiretinal Membranes Complicated by Internal Limiting Membrane Tears. *Ophthalmol Retina*. 2025 Jun 2:S2468-6530(25)00268-4. doi: 10.1016/j.oret.2025.05.031.
- Allegrini D, Covello G, Mancini A, Mancini A, Mancini M, Romano M, Vecchiarelli A, **Romano MR**. Real-world use of a hydrophilic curcumin-based oral formulation in the management of macular oedema: a collection of clinical experiences. *Drugs Context*. 2025 May 22;14:2025-3-3. doi: 10.7573/dic.2025-3-3.
- Rossi T, Querzoli G, Angelini GB, Santoro V, Pellizzaro C, Steel DH, Parravano M, **Romano MR**. Comparing the Efficiency of Fluid Infusion Systems for Pars Plana Vitrectomy. *Transl Vis Sci Technol*. 2025 May 1;14(5):10. doi: 10.1167/tvst.14.5.10.
- Rossi T, Querzoli G, Angelini GB, Pellizzaro C, Santoro V, Rosari G, Parravano M, Steel DH, **Romano MR**. Comparing the Efficiency of Valved Trocar Cannulas for Pars Plana Vitrectomy. *Bioengineering (Basel)*. 2025 Apr 19;12(4):431. doi: 10.3390/bioengineering12040431.
- Feo A, Bousquet E, Faes L, Ramtohl P, Sacconi R, Rissotto F, Boscìa G, Abraham N, Lior TE, Faghihi S, Popovic MM, Chan HH, Gemmy Cheung CM, Fouad Y, Cabral D, Govetto A, **Romano MR**, Querques G, Farvo SRS, Freund KB, Sarraf D. VITELLIFORM LESIONS ASSOCIATED WITH ANGIOID STREAKS: Long-Term Follow-Up of a Rarely Described Phenotype. *Retina*. 2025 Apr 11. doi: 10.1097/IAE.0000000000004485.
- Boscìa G, Feo A, Savastano A, Viggiano P, Landini L, Clemente A, Scotti G, Grassi MO, Parisi G, Giampilì E, Alessio G, Boscìa F, Mastropasqua R, Reibaldi

- M, **Romano MR**, Borrelli E. Intravitreal Dexamethasone Implant in Vitreoretinal Surgery: An Overview of the Literature. *Graefes Arch Clin Exp Ophthalmol*. 2025 Mar 20. doi: 10.1007/s00417-025-06797-7.
- Feo A, Ramtohl P, Govetto A, Borrelli E, Sacconi R, Corradetti G, Querques G, **Romano MR**, Rosenfeld PJ, Spaide RF, Freund KB, Sadda S, Sarraf D. En face OCT: Breakthroughs in understanding the pathoanatomy of retinal disease and clinical applications. *Prog Retin Eye Res*. 2025 Mar 5:101351. doi: 10.1016/j.preteyeres.2025.101351.
  - Stradiotto E, Feo A, Ottonelli G, Ferraro V, Del Turco C, Panico C, **Romano MR**, La Spina C. Prechoidal cleft changes after intravitreal injections of Faricimab in treatment-naïve and nonresponders-to-aflibercept patients: A case series. *Eur J Ophthalmol*. 2025 Feb 26:11206721251322541. doi: 10.1177/11206721251322541.
  - Singh SR, Boscia F, Boscia G, **Romano MR**, Ferrara M, Menzio S, Veritti D, Sarao V, Lanzetta P, Arevalo JF, Parolini B, Kuppermann B, Singh R, Hassan T, Rezaei K, Wu L, Israilevich R, Starr MR, Chhablani J. Delayed rhegmatogenous retinal detachment post macular surgery - a multicentric study. *Retina*. 2025 Feb 19. doi: 10.1097/IAE.0000000000004433.
  - Feo A, Govetto A, Ramtohl P, Abraham N, Cabral D, Chang PY, Chaudhry N, Chen FK, Elliott D, Faes L, Heath Jeffery RC, Mrejen S, Popovic MM, Tieger MG, Zatreanu L, Sadda S, Freund KB, **Romano MR**, Sarraf D. Full length title: Stellate Nonhereditary Idiopathic Foveomacular Retinoschisis and Central Anomalous Retinoschisis with mid-PERipheral Traction (CARPET). *Ophthalmol Retina*. 2025 Feb 6:S2468-6530(25)00051-X. doi: 10.1016/j.oret.2025.01.019.
  - Feo A, Stradiotto E, Govetto A, Forte P, Boscia G, Nicolò M, Cattaneo J, Eandi CM, Angi M, Ramtohl P, **Romano MR**. Bacillary layer detachment: Updates on its clinical and prognostic significance in retinal disease. *Surv Ophthalmol*. 2025 Jan 14:S0039-6257(25)00013-X. doi: 10.1016/j.survophthal.2025.01.005.
  - Gelormini F, Ricardi F, Parisi G, Vallino V, Ghezzi B, Cucciarelli C, Marolo P, Cicinelli MV, Govetto A, **Romano MR**, Borrelli E, Reibaldi M. Visual Performance and Predictive OCT Biomarkers in Epiretinal Membrane Assessment: Beyond Distance Visual Acuity. *Invest Ophthalmol Vis Sci*. 2025 Jan 2;66(1):31. doi: 10.1167/iovs.66.1.31.
  - Zanellati G, Allegrini D, Auricchio F, **Romano MR**, Cattenone A, Alaimo G, Marconi S. A review of optical and thermal eye tissue parameters for improved computational models in retinal laser therapy. *Prog Biomed Eng (Bristol)*. 2025 Jan 7;7(1). doi:

10.1088/2516-1091/ad9aec.

- Govetto A, Francone A, Lucchini S, Garavaglia S, Carini E, Virgili G, Radice P, Vogt D, Edwards M, Spaide RF, **Romano MR**. Microcystoid macular edema in epiretinal membrane: not a retrograde maculopathy. *Am J Ophthalmol*. 2025 Jan 3:S0002-9394(25)00004-2. doi: 10.1016/j.ajo.2024.12.027.

#### Anno 2024:

- Forte P, Feo A, Sarraf D, **Romano MR**, Nicolò M. Current insights and challenges in the management of perifoveal vascular anomalous complex (PVAC): a systematic review of multimodal imaging features and treatment strategies. *Eye (Lond)*. 2024 Dec 19. doi: 10.1038/s41433-024-03544-w.
- Rossi T, Querzoli G, Ripandelli G, Placentino L, Parravano M, Steel DH, **Romano MR**. Retinal Displacement after Idiopathic Macular Hole Surgery: Layer by Layer Analysis. *Retina*. 2024 Dec 4. doi: 10.1097/IAE.0000000000004352.
- Nepita I, Brusati C, Liggieri L, Ravera F, Ferrara M, Stocchino A, **Romano MR**, Santini E, Repetto R. The Role of Eye Movements in the Process of Silicone Oil Emulsification After Vitreoretinal Surgery. *Bioengineering (Basel)*. 2024 Oct 29;11(11):1081. doi: 10.3390/bioengineering11111081.
- Fossati G, Trevisi M, Sarodia U, Malick H, Abdou H, Sodeinde M, **Romano MR**, Osman L. Direct selective laser trabeculoplasty: A retrospective study. *Eur J Ophthalmol*. 2024 Nov 25:11206721241301935. doi: 10.1177/11206721241301935.
- Ferrara M, Romano V, Longo L, Rovati M, Raimondi R, Semeraro F, Aliberti S, **Romano MR**. Life-threatening complications in ophthalmic surgery: a systematic review. *Eye (Lond)*. 2024 Nov 23. doi: 10.1038/s41433-024-03442-1.
- Quarta A, Govetto A, Porreca A, Toto L, Di Nicola M, Ruggeri ML, Gironi M, Nubile M, Agnifili L, **Romano MR**, Mastropasqua R. Development and preliminary evaluation of a novel preoperative index for quantitative analysis of photoreceptor loss in full-thickness macular holes. *Graefes Arch Clin Exp Ophthalmol*. 2024 Oct 26. doi: 10.1007/s00417-024-06654-z.
- Sorrentino T, Allegrini D, De Rosa G, Santoru F, Crepaldi L, Feo A, Zanellati G, Marconi S, Auricchio F, **Romano MR**. Settings and Clinical Applications of Subthreshold Micropulse Laser Therapy: A Review. *J Clin Med*. 2024 Sep 26;13(19):5729. doi: 10.3390/jcm13195729
- Marolo P, Caselgrandi P, Fallico M, Parisi G, Borrelli E, Ricardi F, Gelormini F, Ceroni L, Reibaldi M; SMALL Study Group (Tommaso Micelli Ferrari, Massimo Lorusso, Vito Primavera, Gianluigi Giuliani, Cesare Mariotti, Marco Lupidi, Luca Ventre, Giulia

Pintore, Lorenzo Motta, Matteo Ripa, Francesco Boscia, Giacomo Boscia, **Mario R Romano**, Mariantonia Ferrara, Kacerik Miroslav, Daniele Marchina, Barbara Parolini, Enrico Peiretti, Viola Marchiori, Roberto Dell'Omo, Marzia Affatato, Teresio Avitabile, Andrea Russo, Antonio Longo, Vincenzo Scorcìa, Adriano Carnevali, Rodolfo Mastropasqua, Lisa Toto, Agostino Salvatore Vaiano, Riccardo Merli, Marco Mura, Marco Pellegrini, Fabrizio Giansanti, Cristina Nicolosi, Matteo Badino, Nicola Pallozzi Lavorante, Maria T Sandinha, Francesco Maria D'Alterio, Mario Damiano Toro, Robert Rejdak, Paolo Chelazzi, Claudia Azzolini, Francesco Viola, Caterina Donà, Matteo Giuseppe Cereda, Marco Casaluci, Marco Codenotti, Lorenzo Iuliano, Grazia Pertile, Daniele Sindaco, Stefano De Cillà, Andrea Muraca, Vincenza M E Bonfiglio, Maria Vadalà, Alberto La Mantia, Viviana Randazzo, Tito Fiore, Gianluigi Tosi, Rino Frisina, Chiara Angeli, Marco Coassin, Mariateresa Laborante, Tommaso Rossi, Pamela Cosimi, Stanislao Rizzo, Matteo Mario Carlà, Magda Gharbiya, Giuseppe Maria Albanese, Luigi Caretti, Edoardo Angelini, Gian Marco Tosi, Tommaso Bacci, David H Steel, Nikolaos Dervenis, Iordanis Vagiakis, Daniele Tognetto, Marco Rocco Pastore, Francesco Faraldi, Carlo Alessandro Lavia, Paolo Lanzetta, Daniele Veritti, Leopoldo Rubinato, Paolo Radice, Andrea Govetto) Vitrectomy in Small idiopathic MAcuLar hoLe (SMALL) study: Internal limiting membrane peeling versus no peeling. *Acta Ophthalmol.* 2024 Oct 14. doi: 10.1111/aos.16778.

- **Romano MR**, Ferrara M, Feo A, Merico A, Angi M. Optimizing surgical performance and safety in endoresection of uveal melanoma. *Retina.* 2024 Sep 24. doi: 10.1097/IAE.0000000000004273.
- Ferrara M, Forbice E, Segala D, Hau S, Beschi G, Morescalchi F, **Romano MR**, Semeraro F, Romano V. Multimodal imaging and histopathological evaluation in silicone oil keratopathy. *Eur J Ophthalmol.* 2024 Sep 19:11206721241286252. doi: 10.1177/11206721241286252.
- Pace GM, Giombi F, Pirola F, Russo E, Cerasuolo M, Zuppardo J, Muci G, Giunta G, Di Maria A, **Romano MR**, Mercante G, Spriano G, Malvezzi L. Endoscopic endonasal dacryocystorhinostomy: impact of long-standing disease on surgical outcomes. *Eur Arch Otorhinolaryngol.* 2024 Sep 13. doi: 10.1007/s00405-024-08956-8.
- Ruffini A, Dvoriashyna M, Govetto A, **Romano MR**, Repetto R. A Mathematical Model of Interstitial Fluid Flow and Retinal Tissue Deformation in Macular Edema. *Invest Ophthalmol Vis Sci.* 2024 Sep 3;65(11):19. doi: 10.1167/iovs.65.11.19.

- Crincoli E, Parolini B, Catania F, Savastano F, Savastano MC, Rizzo C, Kilian R, Matello V, Allegrini D, Romano MR, Rizzo S. Prediction of Functional and Anatomic Progression in Lamellar Macular Holes. *Ophthalmol Sci.* 2024 Apr 13;4(6):100529. doi: 10.1016/j.xops.2024.100529
- **Romano MR**, Barachetti L, Ferrara M, Mauro A, Crepaldi L, Bronzo V, Franzo G, Ravasio G, Giudice C. Temperature control during pars plana vitrectomy. *Graefes Arch Clin Exp Ophthalmol.* 2024 Sep 9. doi: 10.1007/s00417-024-06631-6.
- Feo A, Vinciguerra R, Antropoli A, Barone G, Criscuolo D, Vinciguerra P, Romano V, **Romano MR**. Pachychoroid pigment epitheliopathy in keratoconic eyes. *Graefes Arch Clin Exp Ophthalmol.* 2024 Aug 30. doi: 10.1007/s00417-024-06612-9.
- Fallico M, Caselgrandi P, Marolo P, Parisi G, Borrelli E, Ricardi F, Gelormini F, Ceroni L, Reibaldi M; SMALL Study Group Tommaso Micelli Ferrari, Massimo Lorusso, Vito Primavera, Gianluigi Giuliani, Cesare Mariotti, Marco Lupidi, Luca Ventre, Antonio Valastro, Lorenzo Motta, Mikes Nomikarios, Francesco Boscia, Giacomo Boscia, **Mario R Romano**, Mariantonina Ferrara, Miroslav Kacerik, Daniele Marchina, Barbara Parolini, Enrico Peiretti, Valentina Carta, Roberto dell'Omo, Marzia Affatato, Teresio Avitabile, Andrea Russo, Antonio Longo, Vincenzo Scordia, Adriano Carnevali, Rodolfo Mastropasqua, Matteo Gironi, Agostino Salvatore Vaiano, Riccardo Merli, Marco Mura, Marco Pellegrini, Fabrizio Giansanti, Cristina Nicolosi, Matteo Badino, Nicola Pallozzi Lavorante, Maria T Sandinha, Francesco Maria D'Alterio, Mario Damiano Toro, Robert Rejdak, Paolo Chelazzi, Claudia Azzolini, Francesco Viola, Caterina Donà, Matteo Giuseppe Cereda, Salvatore Parrulli, Marco Codenotti, Lorenzo Iuliano, Grazia Pertile, Daniele Sindaco, Stefano De Cillà, Micol Ester Alkabes, Vincenza Bonfiglio, Maria Vadalà, Alberto La Mantia, Viviana Randazzo, Tito Fiore, Gianluigi Tosi, Rino Frisina, Chiara Angeli, Marco Coassin, Mariateresa Laborante, Tommaso Rossi, Luca Placentino, Stanislao Rizzo, Matteo Mario Carlà, Magda Gharbiya, Giuseppe Maria Albanese, Luigi Caretti, Martina Formisano, Gian Marco Tosi, Tommaso Bacci, David H Steel, Nikolaos Dervenis, Iordanis Vagiakis, Daniele Tognetto, Marco Rocco Pastore, Francesco Faraldi, Carlo Alessandro Lavia, Paolo Lanzetta, Leopoldo Rubinato, Daniele Veritti, Paolo Radice, Andrea Govetto. Vitrectomy in Small idiopathic MACuLar hoLe (SMALL) study: conventional internal limiting membrane peeling versus inverted flap. *.Eye (Lond).* 2024 Aug 24. doi:

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- Govetto A, Lucchini S, Sebag J, Gianfrate F, Ranno S, Carini E, Virgili G, **Romano MR**, Sarraf D, Radice P. En face optical coherence tomography morphology of macular pucker correlates with metamorphopsia: possible role of the henle fiber layer. *Retina*. 2024 Sep 1;44(9):1513-1520. doi: 10.1097/IAE.0000000000004160.
- Vinciguerra R, Palladino S, Herber R, **Romano MR**, Vinciguerra P. The KERATO Biomechanics Study 1: A Comparative Evaluation Using Brillouin Microscopy and Dynamic Scheimpflug Imaging. *J Refract Surg*. 2024 Aug;40(8):e569-e578. doi: 10.3928/1081597X-20240701-02.
- Rossi T, Querzoli G, Cosimi P, Ripandelli G, Placentino L, Steel DH, **Romano MR**. THREE-DIMENSIONAL RETINAL DISPLACEMENT BEFORE AND AFTER MACULAR PUCKER SURGERY. *Retina*. 2024 Aug 1;44(8):1329-1336. doi: 10.1097/IAE.0000000000004125
- Feo A, Giacomotti E, Santoru F, Crepaldi L, Criscuolo D, Allegrini D, **Romano MR**. Punctate inner choroidopathy following pars plana vitrectomy for high myopic full thickness macular hole. *Retina Cases Brief Rep*. 2024 Jul 19. doi: 10.1097/ICB.0000000000001641.
- Stradiotto E, Ottonelli G, **Romano MR**, La Spina C. Comment on "Comparison of functional and morphologic changes between brolocizumab and faricimab in neovascular age-related macular degeneration". *Graefes Arch Clin Exp Ophthalmol*. 2024 Jun 7. doi: 10.1007/s00417-024-06515-9.
- Peripapillary pachychoroid syndrome treated with dexamethasone implant: A case report. Feo A, La Spina C, **Romano MR**, Querques G, Panico E, Panico C, Del Turco C. *Eur J Ophthalmol*. 2024 May 15:11206721241254132. doi: 10.1177/11206721241254132.
- **Romano MR**, Sorrentino T, Allegrini D, Tripepi D, Stradiotto E, Raimondi R. Small-Incision new generation implantable miniature telescope surgical technique and patient outcomes. *Eur J Ophthalmol*. 2024 Feb 26:11206721241236515. doi: 10.1177/11206721241236515.
- Fossati G, Bartoli E, Montericcio A, Buzzi M, Barone G, Santoru F, Allegrini D, **Romano MR**, Panico C. Neurotrophic Keratopathy after wide retinal endolaser and postoperative Ketorolac eye drops: A case series. *Eur J Ophthalmol*. 2024 Jan 22:11206721241228005. doi: 10.1177/11206721241228005.
- Romano V, Ferrara M, Gatti F, Airaldi M, Borroni D, Aragona E, Rocha-de-Lossada C, Gabrielli F, Papa FT, **Romano MR**, Calza S, Semeraro F. Topical antiseptics in minimizing ocular surface bacterial load

before ophthalmic surgery: a randomized controlled trial. *Am J Ophthalmol.* 2024 Jan 9:S0002-9394(24)00010-2. doi: 10.1016/j.ajo.2024.01.007.

- Feo A, Stradiotto E, Sacconi R, Menean M, Querques G, **Romano MR**. Subretinal hyperreflective material (SHRM) in retinal and chorioretinal disorders: A comprehensive review. *Surv Ophthalmol.* 2023 Dec 29:S0039-6257(23)00169-8. doi: 10.1016/j.survophthal.2023.10.013.

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- [Valldeperas X, Romano M, Wong D.](#) Resolution of cystoid macular oedema after retinal detachment repair: is intravitreal triamcinolone useful? *Eye.* 2006;20:1321-2.

#### Projects

##### **INDEPENDENT RESEARCH GRANTS AS PRINCIPAL INVESTIGATOR**

- 2016, Progetto ordinario di ricerca finalizzata 2016 of the Ministry of Health. RF-2016-02362267  
Title: Patient's self-monitoring with preferential hyperacuity perimetry and unconventional tele-monitoring procedures provided by out-patient clinic services in decision-making process to determine the necessity of intravitreal retreatment with anti-angiogenic drugs in patients
- 2014, Grant M.I.U.R. Scientific Independence of young Researchers (S.I.R.) 2014

Title: Thermodynamics in vitreoretinal surgery (RBSI149484)  
- 2014, P.O.R. CAMPANIA FSE 2014/2020. ASSE III – OBIETTIVO SPECIFICO 14 Azione 10.4.5  
Title: Optimization of the thermofluidic of devices and Innovative procedures for ophthalmic therapies

#### **SPONSORED RESEARCH GRANTS AS PRINCIPAL INVESTIGATOR**

- 2019, grant from Bausch & Lomb  
Title: Performance assessment of vitrectomy devices  
- 2018, grant from DORC  
Title: Performance assessment of the EVA vitrectomy device  
- 2015, IIS grant from Alcon  
Title: Prospective Comparative Study for Primary Rhegmatogenous Retina Detachment: 25G vs 27G

#### **PARTICIPATION IN CLINICAL TRIALS AS PRINCIPAL INVESTIGATOR OF A RESEARCH UNIT**

- 2024, RADIANCE Study – Real-World Evidence on Anti-VEGF Therapies in AMD (sponsored by ROCHE)  
Multicenter Italian observational study assessing treatment outcomes of aflibercept, ranibizumab, and bevacizumab in neovascular AMD.  
- 2019, The LEADER 7 study (sponsored by NTC Srl)  
International, multicenter, randomized, blinded-assessor, parallel-group clinical study comparing eye drops of combined LEVofloxacin + DEXamethasone for 7 days followed by dexamethasone alone for an additional 7 days vs. tobramycin + dexamethasone for 14 days for the prevention and treatment of inflammation and prevention of infection associated with cataract surgery in adults.

#### **RESEARCH GROUP LEADERSHIP AND COLLABORATION**

- EURETINA PFAS Special Group  
Research project topic: Optimization of the use of PFAS-containing ocular endotamponades in vitreoretinal surgery  
Other group members:  
Alistair Laidlaw, St Thomas' Hospital, Guy's and St. Thomas' NHS Foundation Trust, London, UK  
Mariantonia Ferrara, Department of Medical and Surgical Specialties, Radiological Sciences, and Public Health, University of Brescia, Brescia, Italy  
Martin Zinkernagel, Department of Ophthalmology, Inselspital, Bern University Hospital, University of Bern, Bern, Switzerland  
David H Steel, Bioscience Institute, Newcastle University, Newcastle Upon Tyne, UK  
Salvador Pastor-Idoate, Institute of Applied Ophthalmobiology (IOBA), University of Valladolid, Valladolid, Spain  
Anat Loewenstein, Tel Aviv Medical Center, Sydney Fox Chair at Tel Aviv University, Tel Aviv, Israel
- European group of investigation on intraocular medical devices  
Research project topic: Toxicity of intraocular surgery tools: how to recognise and prevent it  
Other group members:  
Salvador Pastor-Idoate, IOBA, Eye Institute, University of Valladolid, Spain  
Spitzer MS MD, PhD, Eye Clinic Sulzbach, Knappschaftshospital Sulzbach/Saar, Sulzbach-Saar, Germany  
Januschowski K MD, University Eye Hospital Tübingen, Tübingen, Germany  
Irigoyen C MD, Donostia University Hospital, Donostia-San Sebastián, Spain  
Stalmans P MD, University Hospitals Leuven, Leuven, Belgium  
D'Amato Tothova J, PhD, R&D Alchimia Srl  
Gatto Claudio, Alchimia Srl
- Research group on Intraocular Fluidodynamics  
Research project topic: Intraocular fluidodynamics  
Other group members:  
Repetto R, Eng PhD, Department of Civil, Chemical and Environmental Engineering, University of Genoa, Italy  
Stocchino A, Eng PhD, Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University, Kowloon, Hong Kong, China  
Liggieri L, PhD CNR-ICMATE Institute of Condensed Matter Chemistry and Energy Technologies
- Research group on Age-related macular degeneration and innate immunity  
Research project topic: Diagnostic and therapeutic perspectives in age-related macular degeneration  
Other group members:  
Antonio Inforzato PhD, Laboratory of Immunopharmacology, Humanitas University, Pieve Emanuele - Milan, Italy  
Matteo Stravalaci, PhD, Laboratory of Immunopharmacology, Clinical Institute Humanitas, Rozzano - Milan, Italy  
Rosanna Asselta, PhD, Laboratory of Medical Genetics and RNS Biology, Humanitas University, Pieve Emanuele - Milan, Italy  
Elvezia Paraboschi, PhD, Laboratory of Medical Genetics and RNS Biology, Humanitas University, Pieve Emanuele - Milan, Italy
- Silicone oil Study Group  
Research project topic: Characterization of silicone oil and silicone oil emulsions  
Other group members:  
Giacometti Schieronni A, PhD, CNR-Istitute for Chemical Sciences and Technology, Milano, Italy  
Mendichi R, PhD, Consultant Polymers Characterization, Tribiano, Milano, Italy  
Repetto R, Eng PhD Department of Civil, Chemical and Environmental Engineering, University of Genoa, Italy  
Nepita I, Eng PhD, Consiglio Nazionale delle Ricerche-Institute of Condensed Matter Chemistry and Technologies for Energy (CNR-ICMATE), Genoa, Italy
- European Vitreoretinal Society Central Serous Chorioretinopathy Study  
Research project topic: International Collaborative Evaluation of Central Serous Chorioretinopathy  
Other group members: European Vitreo Retina Society study group
- European Retinal Detachment Study Group  
Research project topic: Management of complex retinal detachments  
Other group members: European Vitreo Retina Society study group

#### **PATENTS AS INVENTOR**

- Date: 01/02/2016  
Patent number: 102016000009992  
Title: Adapter for ophthalmoscope  
- Date: 12/06/2012  
Patent number: VR2012A000122  
Title: Temperature-monitoring vitrector  
- Date: 13/05/2010  
Patent number: RM2010A000241  
Title: Device to monitor the patient's posture after vitrectomy

#### **INSTRUMENTS DESIGNED**

- Blunt Retinal Rake-Scraper (code: Janach 2424.25A)
- 25G Vertical Pick-Scissors (code: Janach 3843.25)

#### **Memberships**

##### **INVOLVEMENT AS BOARD/COMMITTEE MEMBER**

- Dates: October 2024 - present
- President of Scientific Board of AOPI (Associazione Oculistica Privata Italiana)
- Dates: January 2023 - present
- Member of Scientific Board of APMO (Associazione Pazienti Malattie Oculari)
- Dates: July 2022 - present
- Member of Scientific Committee of APR (Associazione Pazienti Retina)
- Dates: November 2021 - present
- Member of Euretina VitreoRetinal Surgery Subspecialty Committee
- Dates: November 2021 - present
- Member of Scientific Board of SISO (Società Italiana di Scienze Oftalmologiche)
- Dates: November 2015 - present
- Member of Scientific Board of SIETO (Società Italiana di Ergofoftalmologia e Traumatologia)

##### **INVOLVEMENT AS MEMBER**

- The Jules Gonin Club
- The Retina Society
- EURETINA (European Society of Retinal Specialists)
- SISO (Società Italiana di Scienze Oftalmologiche)
- GIVRE (Gruppo Italiano di Chirurgia Vitreoretinica)
- SIETO (Società Italiana di Ergofoftalmologia e Traumatologia)

#### **Other Relevant Information**

##### **HONOURS**

- Asklepios Award for Excellence in Healthcare
- Awarded by the National Association of Knights of the Italian Republic
- Bronze Medal of Merit for Public Health
- Awarded by the President of the Italian Republic - 2025
- Knight of the "Order of Merit" of the Italian Republic
- Awarded by the Prime Minister and the President of the Italian Republic - 2024

##### **SCIENTIFIC PRIZES**

- Awarded by Saudi Retina Symposium (SRS) - 2024
- Awarded by European Vitreo Retina Society (EVRS) - 2023
- Scientific Research Project Prize
- Awarded by SOI (Società Oftalmologica Italiana) - 2019
- Title: Hyaluronic acid matrix (HC•HA) enriched with long pentraxin PTX3 and human amniotic membrane (hAM) extracts: new perspectives in the treatment of age-related macular degeneration
- Cesare e Maurizio Quintieri Prize
- Awarded by SOI (Società Oftalmologica Italiana) - 2019
- Title: Subretinal implant of human amniotic membrane in a refractory full-thickness macular hole
- Best educational video 2018
- Awarded by SOI (Società Oftalmologica Italiana) - 2018
- Title: Complication of cataract surgery: management pole to pole
- Price Start Cup Campania 2014, Start up innovative II
- Awarded by Regione Campania (Italy) - 2014
- Title: Ocular Tool, Eye-Analyser.
- Mario Zingirian SOI Medal Lecture
- Awarded by SOI (Società Oftalmologica Italiana) - 2013
- Title: Enzymatic vitreolysis: rediscovery of the vitreoretinal interface and a new therapeutic paradigm
- Best paper 2013
- Awarded by GIVRE (Gruppo Italiano di Chirurgia Vitreoretinica Committee)
- Title: Diagnostic vitrectomy
- Awarded by Greek Vitreo-retinal Society - 2010