CURRICULUM VITAE

Mario Damiano Toro, M.D., Ph.D.

BIOGRAFIA

Nome e Cognome: Mario Damiano Toro

Data di nascita:

Residenza:

Nazionalità: Italiana

Affiliazioni/Ufficio: *University of Naples Federico II, Napoli, Italy*
Eye Clinic, Public Health Department,
Via S. Pansini 5, 80133 Naples, Italy

POSIZIONE PROFESSIONALE ATTUALE

- **University of Naples Federico II, Napoli, Italy**
  Eye Clinic, Public Health Department, Via S. Pansini 5, 80133 Naples, Italy
  Dal 16.12.2021: Ricercatore a tempo definito - RTDB settore scientifico disciplinare MED30

PRECEDENTI RUOLI PROFESSIONALI

- **Università degli Studi di Catania-Bordeaux, Italy-France**
  BIOMETEC -Department of Biomedical and Biotechnological Sciences, Section of Pharmacology.
  2016-2019: International PhD in Neuroscience

- **Department of General Ophthalmology with pediatric service, Medical University of Lublin,**
  Lublin, Poland
  2017-2019: Fellowship in Ricerca Clinica su Imaging diagnostico multimodale avanzato retinico
  2017-2019: Fellowship in Chirurgia Vitreoretinica

- **Independent Public University Hospital N°1 (SPSK1), Department of General Ophthalmology**
  Lublin, Poland
  2019 - 2020: Adjunct Surgeon

- ***Department of General Ophthalmology with pediatric service, Medical University of Lublin,***
  Lublin, Poland
  SENIOR RESEARCHER AND HONORARY LECTURER in Oftalmologia

- ***Independent Public University Hospital N°1 (SPSK1)***
  Lublin, Poland
  CONSULTANT, Surgical Retina & Trauma Unit, Department of General Ophthalmology

- ***Faculty of Medicine, Cardinal Stefan Wyszynski University,***
  Warsaw, Poland
  ASSISTANT PROFESSOR in Oftalmologia

EDUCATION

2003-2009: **Università degli Studi di Catania**
Catania, Italia
Corso di Laurea Magistrale in MEDICINA E CHIRURGIA GENERALE

2008: **Ophthalmology Institute of the University of Pilsen**
Pilsen, Repubblica Ceca
IFMSA Visiting Fellowship in Optic Nerve and Corneal diseases

2009: **Ophthalmology Institute of the University of Ivano-Frankivsk,**
Ivano-Frankivsk, Ucraina
IFMSA Visiting Fellowship in Medical and Surgical Retina

2009: **Università degli Studi di Catania,**
Catania, Italia
Laurea in Medicina e Chirurgia
Votazione: *110/110 cum Laude e nomination per il "Honor Award - Barbagallo-Sangiorgi" per le discipline chirurgiche.*

POSTGRADUATE EDUCATION E TRAINING

2009-2011**: Università degli Studi di Catania, Dipartimento di Oftalmologia,**
Catania, Italia
Internship

2011-2016: **Università degli Studi di Catania, Dipartimento di Oftalmologia,**
Catania, Italia
Scuola di Specializzazione in Oftalmologia

2016: **Università degli Studi di Catania, Dipartimento di Oftalmologia,**
Catania, Italia
Diploma di Specialista in Oftalmologia
Votazione: *70/70 cum Laude*

2016: **SAVE SIGHT Foundation-Unit of Arasan Eye Hospital,**
Erode, India
Fellow in Cataract Surgery

2016: **European School for Advanced Studies in Ophthalmology (ESASO)**
Lugano, Svizzera
Diploma of Specialist Superior in Ophthalmology (DiSSO)

2017: **European Board of Ophthalmology (EBO), Palais des Congres, Paris**
Parigi, Francia

Diploma di Fellow dell' European Board of Ophthalmology (FEBO)

2005-2009: **Università degli studi di Catania (PhD candidate)**
Catania, Italia
&
Medical University of Lublin (PhD candidate Fellowship)
Lublin, Polonia
Diploma di Dottorato - Philosophiæ Doctor (PhD) – Corso Internazionale di dottorato in Neuroscienze (XXXII Ciclo)

ABILITAZIONI PROFESSIONALI

ITALIA

- Abilitazione all'Esercizio della Professione di Medico-Chirurgo (2009) e di Oftalmologo (2016) Ordine dei Medici e dei Chirurghi della Provincia di Catania – N° 14116.

- Under review – application ministeriale per il conferimento dell'Abilitazione Scientifica Nazionale (ASN) alle funzioni di professore universitario di II fascia (Professore Associato), nel settore concorsuale 06/F2 MALATTIE DELL'APPARATO VISIVO.

POLONIA

- Abilitazione all'Esercizio di Medico-Chirurgo Oftalmologo dal 2017 con rinnovo annuale.

SVIZZERA

- In corso riconoscimento dei diplomi universitari e dei perfezionamenti conseguiti da parte della Commissione federale per le professioni mediche **MEBEKO** e relativa registrazione a **MedReg.**

INGHILTERRA

- In corso *"Membership by Election*" - the Royal College of Ophthalmologists (RCOphth) - London (UK).

ATTIVITÀ CLINICA ATTUALE

Coinvolto nella cura dei pazienti 6 giorni a settimana, in un centro di riferimento terziario di un Ospedale Universitario e Centro di riferimento Europeo per il trattamento e la diagnosi di malattie oculari rare (EYE-ERN).

Area di interesse preferenziale: *retina chirurgica e ricostruzione del bulbo (pole to pole) dopo gravi traumi, comprese le principali procedure diagnostiche del segmento posteriore* (Ecografia, OCT, FAG/ICG e Micro/Perimetria).

- Oltre 1000 procedure annuali di diagnostica multimodale avanzata e imaging nel glaucoma;

- Oltre 1000 procedure annuali di diagnostica multimodale avanzata e imaging per la retina e le patologie maculari;
- Oltre 2500 visite diagnostiche per glaucoma;
- Oltre 1500 visite diagnostiche per patologie corneali;
- Oltre 4500 visite diagnostiche per patologie retiniche/maculari.

ATTIVITÀ CHIRURGICA (2016-2019)

Segmento anteriore:

- **OLTRE 750 TRATTAMENTI LASER PER IL GLAUCOMA (SLT, ALT, IRIDOTOMIE) COME PRIMO OPERATORE**;
- oltre 1250 procedure chirurgiche (trabeculoplastiche, trabeculotomie, MIGS, procedure combinate) per il glaucoma di cui **257 COME PRIMO OPERATORE**;
- 90 trapianti corneali di cui **10** (5 DSAEK e 5 PRK) come primo operatore;
- oltre 1200 interventi sul cristallino di cui **769 CASI COMPLESSI (COMPRESI GLI IMPIANTI SECONDARI E LE PLASTICHE IRIDEE) DA PRIMO OPERATORE**;
- **OLTRE 300 PROCEDURE DI OCULOPLASTICA DI CUI CIRCA 70 COME PRIMO OPERATORE** (riposizionamenti palpebrali per entropion ed ectropion, blefaroplastiche, asportazioni di neoformazioni, enucleazioni, exenteratio bulbi);
- **OLTRE 100 PROCEDURE IN URGENZA** per trauma/ferite perforanti o traumi contusivi su cornea ed annessi, compresi gli interventi ricostruttivi sulle vie lacrimali.

Segmento posteriore:

- **OLTRE 2500 TRATTAMENTI LASER** sul segmento posteriore **COME PRIMO OPERATORE**;
- oltre 2500 procedure chirurgiche sul segmento posteriore, di cui **57 CERCHIAGGI +/- PIOMBAGGI** e **1287 VITRECTOMIE ESEGUITE DA PRIMO OPERATORE** (**401** per patologie maculari, **87** per

nuclei e/o masse catarattose in CV, **84** emovitrei, **614** per distacchi di retina compresi i ditacchi traumatici e/o recidivati e quelli trazionali, **52** per endoftalmiti, **49** per estrazione di corpi estranei endobulbari);

- **OLTRE 2000 INIEZIONI INTRAVITREALI**.

ORGANIZZAZIONE O PARTECIPAZIONE COME RELATORE/FACULTY MEMBER/TRAINER A CONVEGNI DI CARATTERE SCIENTIFICO IN ITALIA E ALL'ESTERO

- Relatore, Congresso "L'infiammazione: fattore chiave per la migliore la prognosi visiva del paziente con malattie della retina", Clinica Oculistica Policlinico-Aula Magna, Catania (Italia)
  dal 30-01-2013 al 30-01-2013

- Relatore, XXXVIII Congresso S.O.Si, Agrigento, Italia
  dal 11-04-2013 al 13-04-2013

- Relatore, 112th Congresso DOG (Società Oftalmologica Tedesca), Lipsia, Germany.
  dal 25-09-2014 al 28-09-2014

- Relatore, OCT e neuroprotezione nel glaucoma: Up to date, Lecce, Italia
  dal 03-10-2014 al 03-10-2014

- Relatore, Congresso Cornea Up-to-date, Pavia, Italia
  dal 05-11-2014 al 6-11-2014

- Relatore, "L'elettrofisiologia nella diagnosi precoce e nella gestione del glaucoma", Azienda Ospedaliera Ospedali Riuniti Villa Sofia-Cervello, Palermo, Italia
  dal 27-02-2015 al 27-02-2015

- Relatore, XL Congresso S.O. Si, Giardini Naxos, Italia
  dal 15-04-2015 al 18-04-2015

- Faculty Member, GOA Glaucoma International Course, Palazzo Ducale, Genova, Italia
  dal 31-3-2017 al 1-04- 2017

- Relatore/Moderatore, Corso teorico-pratico di eco-oftalmologia ed OCT SOU, Napoli
  dal 09-04-2017 al 13-04-2017

- Relatore, XVII Congresso SOC "NEWS IN OFTALMOLOGIA", Reggio Calabria (Italia).
  dal 28-10-2017 al 28-10-2017

- Faculty Member e Trainer, ESASO "Basic and Intermediate Surgical Retina", centro di Simulazione di Lublino, Polonia
  dal 22-10-2018 al 26-10-2018

- Relatore/ Trainer / Coordinatore Scientifico, “Wetlab & simulator training course”, European School for Advanced Studies in Ophthalmology (ESASO), ESASO Training Centre, Lugano, Svizzera.

dal 02-11-2018 al 03-11-2018

- Relatore e Faculty Member, III Congresso "Ophthalmology Journal - Update in Ophthalmology", Lublin, Poland
  dal 08-02-2019 al 09-02-2019

- Relatore/moderatore- IT-ARVO Chapter Meeting "Terapie avanzate in Oftalmologia", Catania
  dal 15-02-2019 al 16-02-2019

- Relatore - Congresso AICCER 2019 Milano
  dal 14-03-2019 al 16-03-2019

- Organizzatore/Relatore/Trainer, "Diagnosis and Management of WET AMD", ESASO Training Centre, Lugano, Switzerland.
  dal 03-04-2019 al 03-04-2019

- Organizzatore/ Relatore/Trainer, "Diagnosis and Management of WET AMD", ESASO Training Centre, Lugano, Switzerland.
  dal 29-05-2019 al 29-05-2019

- Organizzatore/ Relatore/Trainer, "Diagnosis and Management of WET AMD", ESASO Training Centre, Lugano, Switzerland.
  dal 11-06-2019 al 11-06-2019

- Organizzatore/ Relatore/ Trainer, "Diagnosis and Management of WET AMD", ESASO Training Centre, Lugano, Switzerland.
  dal 10-07-2019 al 10-07-2019

- Relatore/Trainer and Scientific Coordinator, ESASO Special Programme, Centre of Medical Simulation, Medical University of Lublin, Poland.
  dal 30-09-2019 al 04-10-2019

- Relatore, Conferenza Regionale della Società Polacca di Oftalmologia, Bialystok, Poland
  Titolo relazione:" 3D - LA VISUALIZZAZIONE NELLA CHIRURGIA OFTALMICA"
  dal 07-11-2019 al 08-11-2019

- Relatore e Local Scientific Coordinator, 19th ESASO RETINA ACADEMY, WARSAW, POLAND
  dal 15-11-2019 al 16-11-2019

- Relatore e Faculty Member, IX Congress of Belarusian Ophthalmologists (with international partecipation), Minsk, Bielorussia.
  dal 13-12-2019 al 14-12-2019

DIREZIONE O PARTECIPAZIONI ALLE ATTIVITÀ DI GRUPPI DI RICERCA CARATTERIZZATE DA COLLABORAZIONI A LIVELLO NAZIONALE E INTERNAZIONALE

- **Coordinator - Research Advisory Board** at the Faculty of Medicine, Cardinal Stefan Wyszynski University, Warsaw, Poland
  dal 01-09-2018 a oggi

- **Principal Investigator and Advisor/Scientific Coordinator** - Research Center, Department of General University, Independent Public University Hospital N°1 (SPSK1), Medical University of Lublin, Lublin, Poland
  dal 01-10-2018 a oggi

- **Study Coordinator**/ Co-Investigator gruppo di ricerca internazionale in Chirurgia Oculare (ITALIA, POLONIA, GERMANIA)
  dal 23-10-2018 a oggi.
  DIPARTIMENTI COINVOLTI:
  1.Department of General Ophthalmology, Medical University of Lublin, Lublin, Poland.
  2.Institute for Ophthalmic Research, University Eye Hospital, Tübingen, Germany.
  3.Department of Ophthalmology, University of Catania, Catania, Italy.
  4.University Eye Hospital, Rostock, Germany.
  5.Department of Experimental Pharmacology, Medical Research Centre, Polish Academy of Sciences, Warsaw, Poland.

- **Study Coordinator/ Co-investigator** gruppo di ricerca internazionale in Farmacologia Oculare (POLONIA, GERMANIA, ITALIA, SPAGNA)
  dal 01-01-2019 a oggi.
  DIPARTIMENTI COINVOLTI:
  1. Mossakowski Medical Research Centre, Polish Academy of Sciences, Warsaw, Poland.
  2. Department of General Ophthalmology and Pediatric Ophthalmology Service, Medical University of Lublin, Lublin, Poland.
  3. Institute for Ophthalmic Research, University of Tübingen, Tübingen, Germany.
  4. Department of Ophthalmology, University Medical Center, Hamburg-Eppendorf, Hamburg, Germany.
  5. Eye Clinic, University of Catania, Catania, Italy.
  6. Department of Experimental and Clinical Pharmacology, Medical University of Lublin, Lublin, Poland.
  7. Faculty of Medicine, Collegium Medicum, Cardinal Stefan Wyszynski University, Warsaw, Poland.
  8. Department of Surgical, Medical, Molecular Pathology and of Critical Area, University of Pisa, Pisa, Italy.
  9. Department of Medical and Experimental Medicine, University of Pisa, Pisa, Italy.
  10. Department of Ophthalmology, Miguel Servet University Hospital, Zaragoza, Spain.

- **Principal Investigator and Scientific Coordinator** - Department of Pathophysiology – Ivano-Frankivsk, National Medical University, Ukraine
  dal 22-04-2018 a oggi

PROGETTI DI RICERCA E APPLICATION PER GRANTS NAZIONALI ED INTERNAZIONALI

1. Research topic: The relationship between breastfeeding and refractive errors in childhood.
2. Research topic: Ectoin as regulating factor of corneal and conjunctival epithelial cells function.
3. Resarch topic: Efficiency of anti-VEGF therapy in patients with wet AMD within the Polish National Drug Programm.
4. Research topic: Antioxidant levels in the vitreous of different retinal diseases.
5. Research topic: Efficacy and safety of anti-VEGF in diabectic proliferative retinopathy.
6. Research topic: Visual field defects and MRI in patients with Bechet's syndrome.
7. Research Topic: Functional and morphological results of macula-on and macula-off rhegmatogenous retinal detachment treated with pars plana vitrectomy and SF6 gas tamponade.
8. Research Topic: Vertical and horizontal M-charts and microperimetry for assessment of the visual function in patients after vitrectomy with ILM peeling due to stage 4 macular hole.
9. Research Topic: Imaging of the retina in Alzheimer's disease.
10. Research Topic: Prevalence of ocular demodekokkosis in patients selected for cataract surgery.

RESPONSABILITA' DI STUDI E RICERCHE SCIENTIFICHE AFFIDATI DA QUALIFICATE ISTITUZIONI PUBBLICHE E PRIVATE

1. **Studio: TWEYES**
   Protocollo: CRFB002FIT02
   Sponsor: NOVARTIS
   Titolo: *A 12-month, prospective, multicenter, open-label, single arm interventional study assessing the safety and tolerability of 0.5 mg ranibizumab in mono/bilateral wet AMD patients in eyes with BCVA below 2/10 and/or second affected eye.*
   Ruolo: **Sub-Investigator**

2. **Studio OLIMPIC**
   Protocollo: CRFB002FIT01
   Sponsor: NOVARTIS
   Titolo: *A 12-month, open-label, interventional, multicentre study to investigate the current criteria driving re-treatment with ranibizumab upon relapse in patients with visual impairment due to choroidal neovascularization secondary to pathologic myopia.*
   Ruolo: **Sub-Investigator**

3. **Studio: OCRIPLASMIN for VMT/sVMA**
   Protocollo: M-13-056
   Sponsor: ALCON RESEARCH Ltd
   EudraCT Number: 2013-005464-25
   Titolo: *Assessment of Anatomical and Functional Outcomes in Patients Treated with Ocriplasmin for Vitreomacular Traction/Symptomatic Vitremacular Adhesion (VMT/sVMA).*
   Ruolo: **Sub-Investigator**

4. **Studio: HARRIER**
   Protocol n: RTH258-C002
   Sponsor: ALCON RESEARCH LTD
   EudraCT Number: 2014-004886-26
   ClinicalTrials.gov Identifier: NCT02434328
   Titolo: *A Two-Year, Randomized, Double-Masked, Multicenter, Two-Arm Study Comparing the Efficacy and Safety of RTH258 6mg Versus Aflibercept in Subjects with Neovascular Age-Related Macular Degeneration.*
   Ruolo: **Masked Sub-Investigator**

4. Studio: SARIL-NIU-SATURN
   Protocollo: ACT13480
   Sponsor: SANOFI
   EudraCT Number: 2012-004845-34
   Titolo: *A randomized, double-masked and placebo-controlled study to evaluate the efficacy and safety of sarilumab administered subcutaneously every 2 weeks in patients with non-infectious, intermediate, posterior or Pan-uveitis (NIU).*
   Ruolo: **Sub-Investigator**

5. Studio: SAHARA
   Protocollo: 006-02A
   Titolo: *A prospective longitudinal observational study to assess the development of ocular surface disease in treatment naïve glaucoma and ocular hypertension patients vs those without elevated intraocular pressure*.
   RUOLO: **Sub-Investigator**

6. Studio: AZURE
   Protocollo: 86-5321/16598
   Sponsor: BAYER PHARMA AG
   EudraCT Number: 2013-000120-33
   Titolo: *An open-label, randomized, active-controlled, parallel-group, Phase-3b study of the efficacy, safety, and tolerability of 2 mg aflibercept administered by intravitreal injections using two different treatment regimens to subjects with neovascular age-related macular degeneration (nAMD).*
   Ruolo: **Study Coordinator**

7. Studio: ARTEMIS
   Protocollo: 192024-092
   Sponsor: ALLERGAN Ltd
   EudraCT Number: 2014-003186-24
   Titolo: *The Efficacy and Safety of Bimatoprost SR in Patients with Open-Angle Glaucoma or Ocular Hypertension.*
   Ruolo: **Study Coordinator/ Treating Investigator**

8. Studio: KESTREL
   Protocollo: CRTH258B2301
   Sponsor: NOVARTIS PHARMACEUTICALS
   EudraCT Number: 2017-004742-23

Titolo: *A Two-year, Three-arm, Randomized, Double-masked, Multicenter, Phase III Study Assessing the Efficacy and Safety of Brolucizumab Versus Aflibercept in Adult Patients With Visual Impairment Due to Diabetic Macular Edema.*
Ruolo: **Study Coordinator**

9. **Studio: RAPTOR**
   Protocollo: CRTH258C2301
   Sponsor: NOVARTIS PHARMACEUTICALS
   ClinicalTrials.gov Identifier: NCT03802630
   Titolo: *An Eighteen-Month, Two-Arm, Randomized, Double Masked, Multicenter, Phase III Study Assessing the Efficacy and Safety of Brolucizumab Versus Aflibercept in Adult Patients With Visual Impairment Due to Macular Edema Secondary to Branch Retinal Vein Occlusion*.
   Ruolo: **Study Coordinator**

RESPONSABILITÀ SCIENTIFICA PER PROGETTI DI RICERCA INTERNAZIONALI E NAZIONALI, AMMESSI AL FINANZIAMENTO SULLA BASE DI BANDI COMPETITIVI CHE PREVEDANO LA REVISIONE TRA PARI

- **Principal Investigator** - Research project "Tryptophan and Kynurenine Pathway Metabolites in Animal Models of Retinal and Optic Nerve Damage: Different Dynamics of Changes".
  The study has been supported by Polish National Science Centre (http://www.ncn.gov.pl) grant n°: DEC 2012/07/D/NZ4/04199.
  dal 01-10-2018 a oggi

DIREZIONE O PARTECIPAZIONE A COMITATI EDITORIALI DI RIVISTE, COLLANE EDITORIALI, ENCICLOPEDIE E TRATTATI DI RICONOSCIUTO PRESTIGIO

- **Editorial Board Member/Associate editor** *BMC Ophthalmolgy* Journal - sezione "Retina"

- **Editor Board Member/ Associate Editor** *Ophthalmology Journal* – sezioni "Surgical Retina" e "Anterior Segment Surgery"

- **Scientific Reviewer** per International Peer Reviewed Academic Journals (MICROORGANISMS, MEDICINA, APPLIED SCIENCE, PLOS ONE Journal, BMC Ophthalmolgy Journal)

- **Coautore** di vari *Volumi Relazione Ufficiale Società Oftalmologica Italiana (SOI)* dal 2015 (Edizioni SOI/Fabiano Gruppo Editoriale) e *Monografie*/*Collane editoriali* (Edizioni ViaMEDICA) in lingua italiana e polacca sulla chirurgia dei traumi oculari, le principali tecniche chirurgiche e indicazioni alla vitrectomia, l'esame della retina nella chirurgia refrattiva.

FORMALE ATTRIBUZIONE DI INCARICHI DI INSEGNAMENTO O DI RICERCA (FELLOWSHIP) PRESSO QUALIFICATI ATENEI E ISTITUTI DI RICERCA ESTERI O SOVRANAZIONALI

- Fellow in Cataract Surgery, Save Sight Foundation, Unit of Arasan Eye Hospital, Erode, India
  dal 13-08-2016 al 16-09-2016

- Honorary Lecturer, Department of General University, Medical University of Lublin, Poland
  dal 28-12-2017 a oggi

- Fellow in Vitreoretinal Surgery, Department of General University, Independent Public University Hospital N°1 (SPSK1), Medical University of Lublin, Poland
  dal 02-01-2018 al 03-01-2020

- Visiting Research Fellow, Department of Pathophysiology, National Medical University, Ivano-Frankivsk, Ukraine
  dal 22-04-2018 al 26-04-2018

- Faculty Member/Lecturer - European School Of Advanced Study in Ophthalmology, Lugano, Svizzera
  dal 22-10-2018 a oggi

PREMI E RICONOSCIMENTI PER L'ATTIVITÀ SCIENTIFICA, INCLUSA L'AFFILIAZIONE AD ACCADEMIE DI RICONOSCIUTO PRESTIGIO NEL SETTORE

- "Medaglia Favaloro" per l'anno 2013, 47° Congresso Società Oftalmologica Meridionale (SOM), Peschici-Vieste (FG), Italia
  dal 30-05-2013 a oggi

- Delegato Junior Società Oftalmologica Italiana (SOI), European Symposium of the European Federation of Ophthalmology - FEOph on "Imaging Glaucoma", Leipzig, Germany
  dal 25-09-2014 a oggi

- Premio "Prof. Ferdinando Trimarchi", Università degli Studi di Pavia, Pavia, Italia
  dal 05-11-2014 a oggi

- ARVO Foundation for Eye Research 2015 Travel Grant IRCCS - Fondazione G.B. Bietti per lo studio e la Ricerca in Oftalmologia - ONLUS, Denver, Colorado
  dal 03-05-2015 a oggi

- MIT Poster Award Finalist, ARVO Foundation for Eye Research 2015, Denver, Colorado
  dal 03-05-2015 al 07-05-2015

- Best Paper, Sessione "Retina Chirurgica"- XI corso SOU, Lugano, Svizzera.
  Title: "Chirurgia ab-externo del distacco di retina"
  dal 10-09-2015 al 12-09-2015

- Best Paper, Società Oftalmologica Italiana (SOI), Milano, Italia.
  Title: " Ghrelin e occhio: nuovi elementi. Trial multicentrico."
  dal 18-05-2016 al 21-05-2016

- Association for Ocular Pharmacology and Therapeutics (AOPT) Travel Grant 2017, 13th Scientific Meeting, Florence, Italy
  dal 16-02-2017 al 19-02-2017

- Diploma di abilitazione europea in Oftalmologia - Fellow of the European Board of Ophthalmology (FEBO), Consiglio Europeo di Oftalmologia, Palais des Congres, Parigi, Francia
  dal 05-05-2017 a oggi

- Vincitore della "Surgical Retina Observership" dell'European School of Advanced Studies in Ophthalmolgy (ESASO), Modulo Retina Chirurgica 2017
  dal 30-10-2017 al 24-11-2017

- Diploma Superior Specialist in Ophthalmology (DiSSO)- European School Of Advanced Study in Ophthalmology (ESASO), Lugano, Svizzera
  dal 13-10-2018 a oggi

- Faculty Member - European School Of Advanced Study in Ophthalmology, Lugano, Svizzera
  dal 22-10-2018 a oggi

- Esaminatore, European Board of Ophthalmology (EBO) - Diploma Examination 2019 - Palais des Congres, Parigi, Francia
  dal 10-05-2019 al 11-05-2019

- Candidatura alla Vision Byer Accademy per il triennio 2019-2021

PUBLICAZIONI

(H index: 9, Numero di Citazioni: oltre 250 – Scopus/Web of Science)

Coautore di oltre 50 articoli in riviste peer-reviewed indicizzate su Medline, principalmente sulle patologie della retina, la chirurgia dei traumi e il glaucoma (incluso The American Journal Ophthalmology, The Retina Journal, JCM and Plos One)

Coautore di vari *Volumi Relazione Ufficiale Società Oftalmologica Italiana (SOI)* dal 2015 (Edizioni SOI/Fabiano Gruppo Editoriale) e *Monografie*/*Collane editoriali* (Edizioni ViaMEDICA) per la Society of Polish Ophthalmic Surgeons sulla chirurgia dei traumi oculari, le principali tecniche chirurgiche e indicazioni alla vitrectomia, l'esame della retina nella chirurgia refrattiva.

LISTA

1. Articolo in rivista
Fiedorowicz M., Choragiewicz T., Thaler S., Schuettauf F., Nowakowska D., Wojtunik K., Reibaldi M., Avitabile T., Kocki T., Turski W. A., Kaminska A., Grieb P., Zrenner E., Rejdak R., **Toro M. D.** (2019). Tryptophan and Kynurenine Pathway Metabolites in Animal Models of Retinal and Optic Nerve Damage: Different Dynamics of Changes. FRONTIERS IN PHYSIOLOGY, vol. 10, ISSN: 1664-042X, doi: 10.3389/fphys.2019.01254

2. Articolo in rivista
Reibaldi M, Avitabile T, Bandello F, Longo A, Bonfiglio V, Russo A, Castellino N, Rejdak R, Nowomiejska K, **Toro M**, Furino C, Cillino S, Fiore T, Cagini C, Grassi P, Musumeci R, Cocuzza CE, Martinelli M, Fallico M (2019). The Effectiveness of 0.6% Povidone Iodine Eye Drops in Reducing the Conjunctival Bacterial Load and Needle Contamination in Patients Undergoing Anti-VEGF Intravitreal Injection: A Prospective, Randomized Study. JOURNAL OF CLINICAL MEDICINE, ISSN: 2077-0383

3. Articolo in rivista
Posarelli C, Passani A, Del Re M, Fogli S, **Toro M**, Ferreras A, Figus M (2019). Cross-Linked Hyaluronic Acid as Tear Film Substitute. JOURNAL OF OCULAR PHARMACOLOGY AND THERAPEUTICS, ISSN: 1557-7732

4. Articolo in rivista
Chisari CG, **Toro M**, Cimino V, Rejdak R, Luca M, Rapisarda L, Avitabile T, Posarelli C, Rejdak K, Reibaldi M, Zappia M, Patti F. (2019). Retinal Nerve Fiber Layer Thickness and Higher Relapse Frequency May Predict Poor Recovery after Optic Neuritis in MS Patients. JOURNAL OF CLINICAL MEDICINE, ISSN: 2077-0383

5. Articolo in rivista
Reibaldi M, Fallico M, Longo A, Avitabile T, Astuto M, Murabito P, Minardi C, Bonfiglio V, Boscia F, Furino C, Rejdak R, Nowomiejska K, **Toro M**, Cennamo G, Cillino S, Rinaldi M, Fiore T, Cagini C, Russo A. (2019). Efficacy of Three Different Prophylactic Treatments for Postoperative Nausea and Vomiting after Vitrectomy: A Randomized Clinical Trial. JOURNAL OF CLINICAL MEDICINE, ISSN: 2077-0383

6. Articolo in rivista
Toro M, Avitabile T, Reibaldi M (2019). Bilateral Blindness Owing to Tacrolimus Vasculopathy after Kidney Transplantation. OPHTHALMOLOGY RETINA, ISSN: 2468-6530

7. Articolo in rivista
Borowicz D, Nowomiejska K, Nowakowska D, Brzozowska A, **Toro M**, Avitabile T, Jünemann AG, Rejdak R (2019). Functional and morphological results of treatment of macula-on and macula-off rhegmatogenous retinal detachment with pars plana vitrectomy and sulfur hexafluoride gas tamponade. BMC OPHTHALMOLOGY, ISSN: 1471-2415

8. Articolo in rivista

Wrzesińska D, Nowomiejska K, Nowakowska D, Brzozowska A, Avitabile T, Reibaldi M, Rejdak R, **Toro M** (2019). Vertical and Horizontal M-Charts and Microperimetry for Assessment of the Visual Function in Patients after Vitrectomy with ILM Peeling due to Stage 4 Macular Hole. JOURNAL OF OPHTHALMOLOGY, ISSN: 2090-0058

9. Articolo in rivista
Toro M, Nowomiejska K, Avitabile T, Rejdak R, Tripodi S, Porta A, Reibaldi M, Figus M, Posarelli C, Fiedorowicz M (2019). Effect of Resveratrol on In Vitro and In Vivo Models of Diabetic Retinophathy: A Systematic Review. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, ISSN: 1422-0067

10. Articolo in rivista
Chorągiewicz T, Nowomiejska K, Haszcz D, Nowakowska D, Avitabile T, Reibaldi M, Jünemann AGM, **Toro M**, Rejdak R. (2019). Transscleral Fixation of Black Diaphragm Intraocular Lens in Complete Aniridia and Aphakia Due to Posttraumatic Eye Rupture: A Pilot Study. JOURNAL OF CLINICAL MEDICINE, ISSN: 2077-0383

11. Articolo in rivista
Toro M, Longo A, Avitabile T, Nowomiejska K, Gagliano C, Tripodi S, Choragiewicz T, Kaminska A, Figus M, Posarelli C, Forlini M, Jünemann AGM, Reibaldi M, Rejdak R (2019). Five-year follow-up of secondary iris-claw intraocular lens implantation for the treatment of aphakia: Anterior chamber versus retropupillary implantation. PLOS ONE, ISSN: 1932-6203

12. Articolo in rivista
Toro M, Reibaldi M, Longo A, Avitabile T, Lionetti ME, Tripodi S, Posarelli C, Palomba S. (2019). Changes in visual function and ocular morphology in women who have undergone ART treatment and children born as a result of ART treatment: a systematic review. REPRODUCTIVE BIOMEDICINE ONLINE, ISSN: 1472-6491

13. Articolo in rivista
Posarelli C, Ortenzio P, Ferreras A, **Toro M**, Passani A, Loiudice P, Oddone F, Casini G, Figus M (2019). Twenty-Four-Hour Contact Lens Sensor Monitoring of Aqueous Humor Dynamics in Surgically or Medically Treated Glaucoma Patients. JOURNAL OF OPHTHALMOLOGY, ISSN: 2090-0058

14. Articolo in rivista
Bonfiglio V, Ortisi E, Scollo D, Reibaldi M, Russo A, Pizzo A, Faro G, Macchi I, Fallico M, **Toro M**, Rejdak R, Nowomiejska K, Toto L, Rinaldi M, Cillino S, Avitabile T, Longo A. (2019). Vascular changes after vitrectomy for rhegmatogenous retinal detachment: optical coherence tomography angiography study. ACTA OPHTHALMOLOGICA, ISSN: 1755-375X

15. Articolo in rivista
Bonfiglio V, **Toro M**, Longo A, Avitabile T, Rejdak R, Nowomiejska K, Choragiewicz T, Russo A, Fallico M, Kaminska A, Ortisi E, Zenoni S, Reibaldi M (2018). Modified Vitrectomy Technique for Phakic Rhegmatogenous Retinal Detachment with Intermediate Break. JOURNAL

OF OPHTHALMOLOGY, ISSN: 2090-0058

16. Articolo in rivista
Castellino N, Longo A, Avitabile T, Russo A, Fallico M, Bonfiglio V, **Toro M**, Rejdak R, Nowomiejska K, Murabito P, Furino C, Reibaldi M (2018). Circulating insulin-like growth factor-1: a new clue in the pathogenesis of age-related macular degeneration. AGING, ISSN: 1945-4589

17. Articolo in rivista
Longo A, Avitabile T, Uva MG, Bonfiglio V, Russo A, **Toro M**, Faro S, Reibaldi M. (2018). Morphology of the optic nerve head in glaucomatous eyes with visual field defects in superior or inferior hemifield. EUROPEAN JOURNAL OF OPHTHALMOLOGY, ISSN: 1120-6721

18. Articolo in rivista
Longo A, Avitabile T, Uva MG, Bonfiglio V, Russo A, **Toro M**, Gagliano C, Fallico M, Reibaldi M (2017). Optic nerve head in central retinal vein occlusion by spectral-domain OCT. EUROPEAN JOURNAL OF OPHTHALMOLOGY, ISSN: 1120-6721

19. Articolo in rivista
Russo A, Ragusa M, Barbagallo C, Longo A, Avitabile T, Uva MG, Bonfiglio V, **Toro M**, Caltabiano R, Mariotti C, Boscia F, Romano M, Di Pietro C, Barbagallo D, Purrello M, Reibaldi M (2017). miRNAs in the vitreous humor of patients affected by idiopathic epiretinal membrane and macular hole. PLOS ONE, ISSN: 1932-6203

20. Abstract in rivista
Malaguarnera G, Scollo D, Messina A, Foti R, Visalli E, Amato E, Cantavenera A, **Toro M**, Gallo Afflitto M, Gagliano C (2017). Management of chronic anterior uveitis relapses: efficacy of oral vitamin D treatment. INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol. 58, ISSN: 0146-0404

21. Abstract in rivista
Franco L, Uva M, Reibaldi M, Gagliano C, **Toro M**, Amato R, Malaguarnera G, Avitabile T, Longo A (2016). Matrix therapy agent for the treatment of neurotrophic herpetic corneal ulcer in children. INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol. 57, ISSN: 0146-0404

22. Articolo in rivista
Ragusa M, Barbagallo C, Statello L, Caltabiano R, Russo A, Puzzo L, Avitabile T, Longo A, **Toro M**, Barbagallo D, Valadi H, Di Pietro C, Purrello M, Reibaldi M (2015). miRNA profiling in vitreous humor, vitreal exosomes and serum from uveal melanoma patients: Pathological and diagnostic implications. CANCER BIOLOGY & THERAPY, ISSN: 1538-4047

23. Articolo in rivista
Longo A, Reibaldi M, Uva MG, Bonfiglio V, Strano MC, Russo A, **Toro M**, Bellino M, Avitabile T (2015). Acute serous macular detachment and edema after uncomplicated phacoemulsification: A case series. CANADIAN JOURNAL OF OPHTHALMOLOGY-JOURNAL CANADIEN D

OPHTALMOLOGIE, ISSN: 0008-4182

24. Articolo in rivista
Reibaldi M, Longo A, Avitabile T, Bonfiglio V, **Toro M**, Russo A, Viti F, Nicolai M, Saitta A, Giovannini A, Mariotti C (2015). TRANSCONJUNCTIVAL NONVITRECTOMIZING VITREOUS SURGERY VERSUS 25-GAUGE VITRECTOMY IN PATIENTS WITH EPIRETINAL MEMBRANE: A Prospective Randomized Study. RETINA, ISSN: 0275-004X

25. Articolo in rivista
Gagliano C, **Toro M**, Avitabile T, Stella S, Uva MG. (2015). Intravitreal Steroids for the Prevention of PVR After Surgery for Retinal Detachment. CURRENT PHARMACEUTICAL DESIGN, ISSN: 1381-6128

26. Abstract in rivista
Reibaldi M, Avitabile T, Russo T, Longo A, **Toro M**, Gagliano C, Ragusa M, Stella S, Bonfiglio V, Mariotti C (2015). MIRNA PROFILING IN VITREOUS HUMOR, VITREAL EXOSOMES AND SERUM FROM UVEAL MELANOMA PATIENTS: PATHOLOGICAL AND DIAGNOSTIC IMPLICATIONS. INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol. 56, ISSN: 0146-0404

27. Abstract in rivista
Gagliano C, Amato R, STELLA S, **Toro M**, Avitabile T, Rocca D, De Maria G, Rosso R, Di Raimondo F (2015). Effect of hydroxyurea in preventing ocular complications in Sickle Cell Disease (Italian Study). INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol. 56, ISSN: 0146-0404

28. Abstract in rivista
Longo A, Reibaldi M, Uva M, Gagliano C, Occhipinti F, Bellino M, Bonfiglio V, **Toro M**, Fallico M, Avitabile T (2015). Trans-epithelial cross-linking for treatment of progressive keratoconus in eyes with thin cornea. INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, ISSN: 0146-0404

29. Abstract in rivista
Toro M, Longo A, Uva M, Reibaldi M, Avitabile T, Fallico M, Amato R, Stella S, Russo A, Calì G (2015). 24-hour efficacy of the bimatoprost-timolol fixed combination versus latanoprost as first choice therapy in subjects with high-pressure juvanile-onset open-angle glaucoma.INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol. 56, ISSN: 0146-0404

30. Articolo in rivista
Reibaldi M, Russo A, Avitabile T, Uva MG, Franco L, Longo A, **Toro M**, Cennamo G, Mariotti C, Neri P, Noci ND, Russo V (2014). Treatment of persistent serous retinal detachment in Vogt-Koyanagi-Harada syndrome with intravitreal bevacizumab during the systemic steroid treatment. RETINA, ISSN: 0275-004X

31. Articolo in rivista
Reibaldi M, Rizzo S, Avitabile T, Longo A, **Toro M**, Viti F, Saitta A, Giovannini A, Mariotti C (2014). Iatrogenic retinal breaks in 25-gauge vitrectomy under air compared with the standard 25-gauge system for macular diseases. RETINA, ISSN: 0275-004X

32. Articolo in rivista
Reibaldi M, Avitabile T, Longo A, Uva MG, Bonfiglio V, Russo A, **Toro M**, Stella S, Giovannini A, Viti F, Nicolai M, Saitta A, Cennamo G, Gagliano C, Mariotti C (2014). Correlation of preoperative retinal pigment epithelium status with foveal microstructure in repaired macular holes. OPHTHALMOLOGICA, ISSN: 0030-3755

33. Abstract in rivista
Gagliano C, Malaguarnera G, Foti R, Amato R, Converso G, Amato G, Benenati A, De Grande V, **Toro M**, Knop E (2014). Investigation of tear osmolarity in systemic sclerosis: relation to disease activity. INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol. 55, ISSN: 0146-0404

34. Abstract in rivista
Reibaldi M, Avitabile T, Longo A, Nicolai M, Saitta A, Bonfiglio V, Russo A, Viti F, **Toro M**, Mariotti C (2014). Primary 25-Gauge Airbag-Vitrectomy in Pseudophakic Rhegmatogenous Retinal Detachment. INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol. 55, ISSN: 0146-0404

35. Articolo in rivista
Reibaldi M, Russo A, Longo A, Bonfiglio V, Uva MG, Gagliano C, **Toro M**, Avitabile T (2013). Rhegmatogenous Retinal Detachment with a High Risk of Proliferative Vitreoretinopathy Treated with Episcleral Surgery and an Intravitreal Dexamethasone 0.7-mg Implant. CASE REPORTS IN OPHTHALMOLOGY, ISSN: 1663-2699

36. Articolo in rivista
Ragusa M, Caltabiano R, Russo A, Puzzo L, Avitabile T, Longo A, **Toro M**, Di Pietro C, Purrello M, Reibaldi M (2013). MicroRNAs in vitreus humor from patients with ocular diseases. MOLECULAR VISION, ISSN: 1090-0535

37. Abstract in rivista
Malaguarnera G, Gagliano C, **Toro M**, Drago F, Avitabile T (2013). Evaluation of homocysteine and its metabolic cofactors in patients with non proliferative and proliferative diabetic retinopathy. INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol. 54, ISSN: 0146-0404

38. Abstract in rivista
Mariotti C, Viti F, Avitabile T, **Toro M**, Saitta A, Giovannini A, Longo A, De Grande V, Stella S, Reibaldi M (2013). Iatrogenic retinal breaks in 25-gauge air vitrectomy compared with the standard 25-gauge system for macular diseases. INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol. 54, ISSN: 0146-0404

39. Abstract in rivista
Uva M, Longo A, Reibaldi M, **Toro M**, Bonfiglio V, Giuseppe F, Russo A, Gagliano C, Avitabile T (2013). Acute serous retinal detachment after uncomplicated cataract surgery. INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol. 54, ISSN: 0146-0404

40. Abstract in rivista
Gagliano C, Russo A, Ragusa M, Caltabiano R, Puzzo L, Avitabile T, Longo A, **Toro M**, Purrello M, Reibaldi M (2013). MicroRNAs in vitreous humor from patients with ocular disease: preliminary results. INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol. 54, ISSN: 0146-0404

41. Articolo in rivista
Reibaldi M, Uva MG, Avitabile T, **Toro M**, Zagari M, Mariotti C, Cennamo G, Reibaldi A, Longo A (2012). Intrasession reproducibility of RNFL thickness measurements using SD-OCT in eyes with keratoconus. OPHTHALMIC SURGERY, LASERS & IMAGING, ISSN: 1542-8877

42. Articolo in rivista
Reibaldi M, Parravano M, Varano M, Longo A, Avitabile T, Uva MG, Zagari M, **Toro M**, Boscia F, Boccassini B, Chiaravalloti A, Mariotti C, Reibaldi A (2012). Foveal microstructure and functional parameters in lamellar macular hole. AMERICAN JOURNAL OF OPHTHALMOLOGY, ISSN: 0002-9394

43. Articolo in rivista
Reibaldi M, Russo A, Zagari M, **Toro M**, Grande De V, Cifalinò V, Rametta S, Faro S, Longo A. (2012). Resolution of Persistent Cystoid Macular Edema due to Central Retinal Vein Occlusion in a Vitrectomized Eye following Intravitreal Implant of Dexamethasone 0.7 mg. CASE REPORTS IN OPHTHALMOLOGY, ISSN: 1663-2699

44. Articolo in rivista
Russo A, Avitabile T, Uva M, Faro S, Franco L, Sanfilippo M, Gulisano S, **Toro M**, De Grande V, Rametta S, Foti L, Longo A, Reibaldi M. (2012). Radiation Macular Edema after Ru-106 Plaque Brachytherapy for Choroidal Melanoma Resolved by an Intravitreal Dexamethasone 0.7-mg Implant. CASE REPORTS IN OPHTHALMOLOGY, ISSN: 1663-2699

45. Articolo in rivista
Reibaldi M, Avitabile T, Uva MG, Occhipinti F, **Toro M**, Zagari M, Russo A (2011). Ten Years of Severe Vitreomacular Traction Syndrome without Functional Damage Demonstrated by Optical Coherence Tomography. CASE REPORTS IN OPHTHALMOLOGICAL MEDICINE, ISSN: 2090-6730

46. Articolo in Rivista
Andrea Passani, Angela Tindara Sframeli, Iacopo Franchini, Rosario Denaro, **Mario D. Toro**, Chiara Posarelli. Amniotic membrane application in complex cases of penetrating keratoplasty surgery. OPHTHALMOLOGY JOURNAL, DOI: 10.5603/OJ.2017.00021

47. Articolo in Rivista
Ibrahim Al Nawaiseh, Rashed Mustafa Nazzal, Katarzyna Nowomiejska, **Mario Toro**,
Robert Rejdak. Scleromalacia perforans as the presenting sign for rheumatoid arthritis - a case report
OPHTHALMOLOGY JOURNAL, DOI: 10.5603/OJ.2019.0009

AFFILIAZIONE E SERVIZI PER SOCIETÀ PROFESSIONALI

- AICCER- Associazione Italiana di Chirurgia della Cataratta e Refrattiva
- SOI – Società Italiana di Oftalmologia
- SIGLA – Società Italiana di Glaucoma
- GIVRE - Gruppo Italiano di Chirurgia Vitreoretinica
- ARVO - Association for Research in Vision and Ophthalmology
- AOPT - Association for Ocular Pharmacology and Therapeutics (AOPT)
- EURETINA – Società Europea deegli Specialisti della Retina
- Society of Polish Ophthalmic Surgeons

CONOSCENZE LINGUISTICHE

- Italiano (madrelingua)
- Inglese (livello C1)
- Polacco (livello B2)
- Spagnolo (livello B1)

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base art. 13 del D.Lgs. 196/2003.

Catania, 12/01/2021

Dott. Mario Damiano Toro