

**DOMENICO LEPORE, M.D.**

**Curriculum Vitae**

**BIOGRAPHICAL INFORMATION**

**Born:** [REDACTED] November 7, 1961

**Wife:** [REDACTED]

**University Hospital:** [REDACTED]

*Federica bron in 2004 5<sup>th</sup> year student at the S.Apollinare Vatican High School*

**Address**

**Office:** [REDACTED] Catholic University of the Sacred Heart Largo F. Vito 8 - 00168 Rome Italy

**Home:** Via P.Dazzi 4 - 00135 Rome Italy

**EDUCATION**

- July '80* **High School Diploma:** "Maturità Classica" Liceo Ginnasio Statale "Socrate" Bari, Italy with the grade of 60 out of 60.
- Oct '80-Jul'86* **Medical School:** Catholic University of the Sacred
- July 21, 1986* **Degree in Medicine and Surgery "cum laude"**  
Major: Ophthalmology  
Thesis: "Epidemiological and clinical observation in a pediatric ophthalmological service: three years experience"; Tutor Prof. Bruno Bagolini
- Oct '90* **Italian Order of medical Surgeons: n.8270 Bari**
- Dec '86-Jul '90* **Residency in Ophthalmology:** Catholic University of the Sacred Heart - "A.Gemelli" University Hospital.  
**Diploma in Ophthalmology "cum laude"**
- July 6, 1990* Major: Neonatal Ophthalmology  
Thesis: "Retinal antioxidant systems: superoxide dismutase in the pathogenesis of ROP"  
Tutor: Prof. Benedetto. Ricci
- Jan 21- Dec 21* **Big Data and Value Generation in Biomedical Research and Clinical Practice II level Master "cum laude"**  
Thesis "The European ROP registry"
- Professional training**
- Jul. '85* Service d'Ophthalmologie de l'Hôpital de la Pitié Paris France, Tutor Prof. Martine Fontaine.
- Aug - Sept '88* Retinal Cell Biology Laboratory Cullen Eye Institute, Baylor College of Medicine Houston Texas. Tutor John S. Penn, Ph.D. and Frank Kretzer, Ph.D.
- Jan '89*
- Aug '94* Oculoplastic Service Children's Hospital of Philadelphia and Scheie Eye Institute, University of Pennsylvania University, Philadelphia USA Tutor James Katowitz,
- May'95 - Feb '20* Department of Pediatric Ophthalmology, Children's Hospital of Philadelphia, University of Pennsylvania, Philadelphia PA USA. Graham E Quinn M.D.
- Oct '95 - present* National Council of Research (CNR) Italy and Department of Material and Production Engineering Federico II University, Naples Italy Prof. Luigi Nicolais and prof. Luigi Ambrosio tutors

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## CLINICAL ACTIVITIES

From 1991 works at the Department of Ophthalmology of the "A.Gemelli" Catholic University of the Sacred Heart Hospital. From 1994 is responsible of the screening for Retinopathy of Prematurity in the Neonatal Intensive Care Unit of the Catholic University Hospital.

From May 2024 is the Head of the Unit for the screening, therapy and Follow-up of Retinopathy of Prematurity of the Policlinico A. Gemelli University Hospital Foundation.

He personally performed approximately 10000 surgical procedures on anterior (mainly phacoemulsifications) and posterior segment with a huge experience on pediatric vitrectomy  
He also performed more than 1000 refractive surgery treatment (PRK, LASIK and FentoLASIK)

## ACADEMIC APPOINTMENTS

- Dec '91-Oct '99 Instructor of Ophthalmology, Department of Ophthalmology and Department of Neonatology "A. Gemelli" University Hospital, Catholic University of the Sacred Heart Rome ITALY
- Mar '96- Oct '07 Instructor of Biomaterials in Ophthalmology at the Department of Material and Production Engineering, School of Engineering, "Federico II" university, Naples ITALY
- Nov '99-Oct '02 Assistant Professor of Ophthalmology, Department of Ophthalmology, Catholic University of the Sacred Heart Rome ITALY
- Nov '02-Oct '11 Confirmed Assistant Professor of Ophthalmology, Department of Ophthalmology, Catholic University of the Sacred Heart Rome ITALY
- Nov '11- Feb '24 Aggregate Professor of Ophthalmology, Department of Ophthalmology, Catholic University of the Sacred Heart Rome ITALY
- Mar '24-present Associate Professor of Ophthalmology, Department of Ophthalmology, Catholic University of the Sacred Heart Rome ITALY

## INTERNATIONAL COLLABORATIONS

- May '95-present Collaboration with Graham E. Quinn, Department of Pediatric Ophthalmology, Children's Hospital of Philadelphia, University of Pennsylvania, Philadelphia PA USA
- Oct '95- present Collaboration with Prof. Luigi Nicolais and prof. Luigi Ambrosio National Council of Research (CNR) Italy and prof. Paolo Netti, Department of Material and Production Engineering Federico II University, Naples Italy
- Apr '13-Apr '14 Collaboration with Anne B. Fulton, Department of Pediatric Ophthalmology, Children's Hospital of Boston, Harvard University, Boston MA USA
- Jan '14-Jun '20 Global Leading Investigator of the Rainbow study by Novartis
- Jun '19-present Global Leading Investigator for the FireFly study by Bayer
- Jan '18- present Collaboration with Darius M Moshfeghi, Department of Vitreoretinal surgery, Byers Eye Institute, Stanford University, Stanford CA USA
- Jun '19-present Member of the International Committee for the new Classification of Retinopathy of Prematurity (ICROP3) sponsored by NHI

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## **RESEARCH ACTIVITIES**

*More than 200 publications on National and International journals.*

*From 1995 he collaborates with the Department of Material and Production Science of the School of engineering – CNR - Federico II University in Naples.*

*From 1986 he coordinates an intensive basic and clinical research on vasoproliferative retinopathy model. In particular he studied model of diabetic retinopathy and oxygen induced-retinopathy.*

*He is member of the Steering Committee and Global Leading Investigator of the Rainbow study sponsored by Novartis, the first worldwide study on anti-VEGF therapy for acute ROP. Results of the first phase of this study have been published by The Lancet in 2019.*

*He also member of the steering committee and Global Leading Investigator of the FireFly study sponsored by Bayer on the use of Aflibercept for the treatment of acute ROP.*

*From 2019 is part of the International Committee for the Classification of ROP, a group of 23 worldwide experts in charge of publishing a new International Classification of ROP (ICROP3).*

*From the clinical point of view he is responsible for the screening for ROP in the largest Italian NICU and works in the retina service of the "A. Gemelli" University hospital.*

I authorize the use of my personal data in compliance with Legislative Decree 196/2003  
I conducted clinical research according to GCP

Rome November 4<sup>th</sup>, 2024

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