

Andrea Leonardi

Academic Qualifications

University of Padua (1978-1984), Degree in Medicine, 110/110 summa cum laude

Ophthalmology Residency (1985-1988), University of Padua, 70/70 summa cum laude

Research Fellowship (1987-1988), Eye Research Institute (Schepens Institute) Harvard University, Boston, MA

Allergy and Clinical Immunology Residency (1989-1992), University of Padua

Present Position

Assistant Professor (2002-) Department of Neuroscience, Ophthalmology Unit, University of Padua

Responsibilities: Ocular Allergy Service; Ocular Immunology Laboratory, University of Padua; management of entire General Ophthalmology Outpatient Service (2005 to present); management of entire Inpatient Ophthalmology Service (2006-2007); application of GOPs within the Ophthalmology Department as required by Law 22/02

Clinical Areas of Interest

Diagnosis and management of patients with uveitis, ocular allergy, dry eye, and other ocular surface diseases and immune-mediated ocular diseases.

Primary Research Interests

Ocular Immunology, uveitis, dry eye and allergy; in particular, on the immunopathogenesis of ocular allergy, tear proteins and inflammatory mediators, tissue remodelling and fibroblast behaviour.

Project Director for development of new cold plasma technology, involving the treatment of ocular surface infection with group ownership of an Italian patent n. RM2007A000521, 5.10.2007; presently in the process of obtaining the international patent in conjunction with the Nuclear Physics Institute and the Consorzio RFX (a National Research Institute affiliate in Padua).

Research collaborations with Universities in Boston, New York, Valladolid, London, Rome, Birmingham, Atlanta and Manitoba

University teaching experience

Principle Instructor, Ocular Physiopathology, and Contactology, Ophthalmology Assistant Program School;

Principle Instructor: Diseases of the Visual Apparatus, Ophthalmology Residency;

Principle Instructor, Ocular Inflammatory Diseases, Allergy and Clinical Immunology Residency

Principle Instructor, Ocular Anatomy, Physiology and Pharmacology, Optometry School.

Peer review experience with numerous International journals

Invited speaker and instructor at special interest courses

Clinical trials experience

Numerous Phase II, III and IV international and national multicentered clinical studies with pharmaceutical companies such as Alcon, Allergan, Baush & Lomb, Novagali, Novartis, SIFI, Thea performed according to the GCP rules.

Member of Italian Ophthalmology Society, Triveneto Regional Ophthalmology Society, Italian Society for Uveitis and Ocular Inflammatory Disease (SIUMIO), of which he is a founding

member and vice president; Italian Society of Dacryology and Ocular Surface (SIDSO), of which he is an Advisor Association for Research in Vision and Ophthalmology (ARVO), Tear Film Ocular Society (TFOS), International Ocular Inflammation Society (IOIS), of which he is on the International Board and, since December 2007, is an International Council Delegate.

Author of more than 100 Publications in Peer Review Journals and Chapters in 11 Books.