

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name **SIMONE DONATI**
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Nationality
Date of birth **MARCH 13TH, 1976**

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
- Type of business or sector
- Occupation or position held

From March 2020

Università degli studi dell'Insubria, Varese – Como, Italy
Dipartimento di Medicina e Chirurgia
Public University

Associate Professor in Ophthalmology

Responsibility Clinical and Experimental research activity
Coordination of the School of Specialization in Ophthalmology
Director of the Specialty School in Ophthalmology, University of Insubria

From 2006 to 2020

Università degli studi dell'Insubria Varese – Como, Italy
Dipartimento di Medicina e Chirurgia
Università dell'Insubria - Ospedale di Circolo di Varese

Assistant Professor in Ophthalmology– Medical Consultant in Ophthalmology

Responsibility Clinical and Experimental research activity
Coordination of the School of Specialization in Ophthalmology

From 2007

ASST Sette Laghi, Ospedale di Circolo di Varese
Azienda Ospedaliera

University Medical Consultant

Referent for Medical and Surgical Retina Service
Contact Ophthalmologist for Neonatal Intensive Care (Filippo Del Ponte Pediatric Hospital, Varese)

2005-2006

Director: Prof. Claudio Azzolini
Clinica Oculistica - Università dell'Insubria, Varese – Como, Italy

Resident on Ophthalmology

Medical Retina and Diabetic Retinopathy
Vitreoretinal surgery
Participation and coordination of international research protocols

EDUCATION AND TRAINING

- Name and type of organisation providing education and training

2002-2005

Direttore: Prof. Rosario Brancato
Clinica Oculistica
Università Vita e Salute – Ospedale San Raffaele Milano, Italy
Ophthalmology Resident
Ophthalmological surgery and related outpatient activity
International research protocols

2000-2002

Director: Prof. G. Filogamo
Dipartimento di Anatomia – Farmacologia e medicina Legale
Università di Torino
Visiting Doctor Researcher
Responsibility for a research project for the evaluation of neuronal death in animal models for the study of retinal cell apoptosis in the presence of physical stress

2001-2005

Azienda Sanitaria Locale
USL10 Biella e Cossato
Azienda Sanitaria Locale
Continuity of Care Doctor
Deputy general practitioner and medical guard

2014

Università di Modena, Dipartimento di Scienze Cliniche
Postgraduate University Course in Clinical Metanalysis
Diploma

2002 - 2006

Graduate School of Ophthalmology - Ophthalmology Clinic
Life and Health University - San Raffaele Hospital Milan
Clinic and ophthalmological surgery
Specialization in Ophthalmology
70/70 cum laude

2001

Professional practice qualification course - University of Eastern Piedmont
Novara
Qualification for professional practice 2001

1995 - 2001

Degree course in Medicine and Surgery - University of Eastern Piedmont
Novara
Degree in medicine and surgery
110/110 and honors

1990-1995

State Scientific High School - Biella
Scientific maturity
55/60

PERSONAL SKILLS AND COMPETENCES

*Acquired in the course of life and career
but not necessarily covered by formal
certificates and diplomas.*

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

ENGLISH

GOOD
GOOD
GOOD

- Reading skills
- Writing Skills
- Verbal Skills

FRENCH

BASIC
BASIC
BASIC

SOCIAL SKILLS AND COMPETENCES

*Living and working with other people, in
multicultural environments, in positions
where communication is important and
situations where teamwork is essential
(for example culture and sports), etc.*

ORGANISATIONAL SKILLS AND COMPETENCES

*Coordination and administration of
people, projects and budgets; at work, in
voluntary work (for example culture and
sports) and at home, etc.*

TECHNICAL SKILLS AND COMPETENCES

*With computers, specific kinds of
equipment, machinery, etc.*

- Experience in teaching and tutoring for the training of doctors in the clinical field and in modern vitreoretinal surgery.
- PARTICIPATION AS SPEAKER OR MODERATOR IN NUMEROUS NATIONAL AND INTERNATIONAL CONFERENCES WITH PERSONAL AND INVITED CONTRIBUTIONS
- PARTICIPATION IN PUBLIC SPEAKING COURSES AND MANAGEMENT OF THE DOCTOR-PATIENT RELATIONSHIP

- Experience in the conduct and organization of experimental clinical studies of observational and interventional nature.
- Experience in the management and organization of second level medical and surgical outpatient facilities
- Expertise on the issue of resource management in the health sector.
- Experience in defining guidelines for the diagnosis and treatment of eye diseases, for maculopathies and the use of anti-VEGF drugs. (Participation in national and international Advisory Boards)
- Experience in organizing the work of a team of doctors in a complex structure (responsible for the activities of doctors in training at the Specialty School).
- Experience in innovative systems such as telemedicine, remote second opinion systems for eye diseases in adults and children.
- Participation in the creation of an IT support for second opinion among ophthalmology specialists
- Coordination of research projects and working groups on hereditary eye diseases in children (support for the creation of databases, electronic medical records).

CLINICAL ASSISTANCE ACTIVITIES

Care activities for adults

- Ocular surgical competence, in particular in vitreoretinal surgery as first operator.
- 2006 - 2018 Head of Diabetic Retinopathy Outpatient Clinic; diagnostic activity and treatment of diabetic retinopathy and its complications. Collaboration with U.O. Diabetology for dedicated early diagnosis and follow-up paths within the PDT of diabetes mellitus
- 2010 - today: Clinical activity at Maculopathies Outpatient Clinic: diagnosis and treatment of maculopathies. Definition of paths for the management, preparation and dispensing of anti-VEGF drugs. Reorganization of outpatient activities in the COVID era.
- 2010 - today: Clinical and surgical activity for coordination of the Vitreoretinal Surgery Service. Creation of a dedicated clinic with pre-surgical path and clinical follow-up.
- 2015 - today Multi-Specialist Outpatient Clinic for the diagnosis and treatment of Basedow Orbitopathy, in collaboration with the ENT Endocrinology Clinic of the University of Insubria - ASST Sette Laghi Varese. (European project EUGOGO). Therapeutic diagnostic path.

Pediatric care activity

- 2012 - today: Ophthalmologist referent for neonatal intensive and sub-intensive care, Pediatric Clinic of

the University of Insubria, ASST Sette Laghi, Varese (follow up of malformative pathologies)

- 2012 - today: Ophthalmologist contact for the diagnosis and follow-up of Retinopathy of the Prematuro. Creation of level II and III regional treatment with the involvement of the Mangiagalli Clinic, Milan Polyclinic (Dr. Osnaghi) and Niguarda Hospital (Dr. Piozzi)
- Coordination of the 2018-2021 national study group for gene therapy in children with hereditary retinal dystrophy from RPE65 mutations. Experimental centers involved: AOU Luigi Vanvitelli of Naples, San Paolo Hospital of Milan, Sacco Hospital of Milan, AOU Careggi of Florence, Policlinico of Pavia, Gemelli Polyclinic of Rome, Bambin Gesù Hospital of Rome, Mondino Foundation of Pavia, ULSS6 Euganea of Camposampiero

Surgical and para-surgical activity

- Vitreous retinal surgery: more than 1800 interventions as first and second operator from 2007 to today
- Cataract Surgery: more than 1200 interventions as first and second operator from 2007 to today.
- Orbit surgery: more than 50 interventions for ocular reconstruction, enucleation and severe ocular trauma
- Surgery of the ocular adnexa: more than 100 interventions for minor eyelid pathologies
- Intravitreal injections: more than 5000 intravitreal treatments and intraocular implants from 2007 to today.
- Laser photocoagulative treatments: more than 500 laser treatment sessions for retinal diseases.

RESEARCH ACTIVITY

Direction or participation in the activities of a research group characterized by collaborations at national or international level

- from 2007 to 2013 Participation in the OCT-MAT (Optical Coherence Tomography - Macular Analysis Tool) research group for the development of image analysis software in ophthalmology. Afferent structures: University of Insubria and Polytechnic of Brescia, Department of Industrial Automation (Prof. Docchio, Prof.ssa Sansoni). Furthermore, the research was the subject of my Specialization Thesis in Ophthalmology discussed with Prof. Brancato and of the Doctoral Thesis of Dr. Ing. Tironi.
- from 2014 to today Participation in the Cochrane international research group. Authors belonging to the following structures: Transitional Year Residency Program, Signature Healthcare Brockton Hospital, Brockton, Massachusetts, USA. Department of Surgical and Morphological Sciences, Section of Ophthalmology, University of Insubria, Varese-Como Department of Translational Surgery and Medicine, Eye Clinic, University of Florence, Florence, Italy Department of Ophthalmology, Retina Service, Mass Eye and Ear Infirmary, Providence, Rhode Island, USA The work was also the result of the Postgraduate Course in Metanalysis attended in Modena
- from 2014 to today Participation in the research group "Study of cell transformation mechanisms in retinal degenerative diseases". Structures involved: University of Insubria Eye Clinic and Human Genetics Laboratory, University of Insubria directed by Prof. Giovanni Porta.
- from 2014 to today Participation in the research group "SEM microscopy in retinal pathologies". Structures involved: Ophthalmology Clinic of the University of Insubria and SEM Microscopy Laboratory, of the Department of Medical and Surgical Sciences, in collaboration with Prof. Terenzio Congiu (Human Anatomy, University of Cagliari)
- from 2015 to today Participation in the international multicentre research group "DROP ROP - Topical Propranolol in the treatment of ROP". Coordinating structure Osp. Meyer, Florence. <https://clinicaltrials.gov/ct2/show/NCT02504944?term=filippi&rank=1>
- from 2017 to today Member of the EUGOGO International Research Group (EUROPEAN GROUP ON GRAVES ORBITOPATHY, University Catholique de Louvain, Brussels) on the diagnosis and treatment of Basedowian Orbitopathy. The research group has produced numerous publications and guidelines
- from 2017 to today Member of the Board of Directors of the Research Center in Head and Neck Surgery of the University of Insubria directed by Prof. Paolo Castelnovo.
- from 2019 to today Founding Member of the Research Center in Genomic Medicine at the Department of Medicine and Surgery, University of Insubria, Varese. Research activity in the same field and study group as per publication: Expression of VEGF-A, Otx homeobox and p53 family genes in proliferative vitreoretinopathy. Azzolini C, Pagani IS, Pirrone C, Borroni D, Donati S, Al Oum M, Pigni D, Chiaravalli AM, Vinciguerra R, Simonelli F, Porta G. Mediators Inflamm. 2013; 2013: 857380
- from 2020 to today Founding Member of the Board of Directors of the Research Center for Pituitary Adenomas and Saddle Pathology of the University of Insubria directed by Prof. Davide Locatelli.

Responsibility for scientific studies and research entrusted by qualified public or private institutions

- from 2003 to 2004 Participation as Investigator in the international multicentre clinical trial: A phase II / III randomized, double masked, controlled, dose ranging, multi-center comparative trial, in parallel groups, to establish the safety and efficacy of intravitreal injections of eye 001 (anti VEGF pegylated aptamer) given every 6 weeks for 54 weeks, in patients with exudative age related macular degeneration (AMD- EOP 1003).
- from 2004 to 2005 Participation as Investigator in the international multicentre clinical trial: A phase II / III

randomized, double masked, controlled, dose ranging, multi-center comparative trial, in parallel groups, to establish the safety and efficacy of intravitreal injections of eye 001 (anti VEGF pegylated aptamer) given every 6 weeks for 54 weeks, in patients with exudative age related macular degeneration (AMD- EOP 1004).

- from 2008 to 2010 Participation as Investigator in the international multicenter clinical trial: A Multicenter Study to Compare Multiple Doses of Intravitreal Microplasmin Versus Sham Injection for Treatment of Patients With Diabetic Macular Edema (DME) (MIVI 5).

- from 2008 to 2010 Participation as Investigator in the multicentre clinical trial: A phase III, open label, multicenter 12 month study to evaluate the safety, tolerability and efficacy of ranibizumab (0.3 mg) in patients with sub-foveal choroidal neovascularization secondary to age-related macular degeneration (SUSTAIN study).

- from 2012 to 2013 Participation in quality • from 2012 to 2013 Participation as Investigator in the international clinical trial: Safety and Tolerability of Ranibizumab in Mono / Bilateral w-AMD Patients in Eyes With BCVA <2/10 and / or 2nd Affected Eye (TWEYES study).

- from 2013 to 2014 Participation as Investigator in the international clinical trial: A randomized, double masked, active controlled, multicenter study comparing the efficacy and safety of ranibizumab (0.5 mg) administered in patients with subfoveal choroidal neovascularizations other than age related macular degeneration (MINERVA study).

- from 2013 to 2015 Participation as Investigator in the international clinical trial: A randomized, double masked, active controlled, multicenter study comparing the efficacy and safety of ranibizumab (0.5 mg) administered in patients with subfoveal choroidal neovascularizations secondary to pathologic myopia (OLYMPIC study).

- from 2014 to 2015 Participation as Investigator in the international multicentre clinical trial: An evaluation of efficacy and safety of posterior juxtasceral injections of anecortave acetate 15 mg (0.5 mL of 30 mg / mL anecortave acetate sterile suspension) versus visudyne in patients with subfoveal exudative age related macular degeneration (AMD) eligible for initial treatment with photodynamic therapy (PDT) using visudyne.

- from 01-01-2015 to 01-01-2016 Scientific director of the 2015 FAR funding entrusted by the Department of Medical and Surgical Sciences of the University of Insubria, Varese

- from -2015 to 2016 Participation as Investigator in the international clinical trial: A randomized, double masked, active controlled, multicenter study comparing the efficacy and safety of Aflibercept administered in patients with subfoveal choroidal neovascularizations secondary to age related macular degeneration (VIEW 2 study).

- from 2016 to 2017 Scientific director of the 2016 FAR funding entrusted by the Department of Medical and Surgical Sciences of the University of Insubria, Varese

- from 01-01-2016 to 01-12-2017 Participation as Investigator in the international clinical trial: A Study of Disease Progression in Participants With Geographic Atrophy Secondary to Age-Related Macular Degeneration (PROXIMA A study).

- from 2016 to 2018 Participation as Investigator in the international clinical trial: A randomized, double masked, active controlled, multicenter study comparing the efficacy and safety of Aflibercept administered in patients with subfoveal choroidal neovascularizations secondary to age related macular degeneration for the second year of treatment (AZURE study).

- from 2016 to today Participation as Investigator in the clinical trial: JETREA® Drug Utilization Study: Use of Intravitreal JETREA® in Clinical Practice: A European Drug Utilization Study (TG-MV-017).

- from 2017 to 2019 Scientific director of the FAR funding 2017 - 2018 - 2019 - 2020 entrusted by the Department of Medicine and Surgery of the University of Insubria, Varese

- from 2018 to today Responsible for scientific research as Project Leader for the study: "Retinal evaluation of subclinical vascular changes in hypertensive patients by OCT angiography. Development of new clinical methodologies and image analysis" entrusted by the University of Brescia and University of Insubria.

- from 2018 to today Participation as Investigator in the multicenter clinical study: AURIGA / Observational study program aimed at investigating the efficacy of intravitreal aflibercept in diabetic macular edema and / or in macular edema secondary to retinal vein occlusion in a global context real.

ORIGINAL SCIENTIFIC CONTRIBUTES

- 2013 - Development of software for OCT image analysis for the study of retinal diseases in collaboration with the Engineering Faculty of the University of Brescia.

- 2015 - Creation of an HTA (Health Technology Assessment) manual in the care path of patients with age-related macular degeneration.

- 2020 - Research project for the validation of a new OCT tool in the study of the retinal structure in healthy and premature babies. Creation of a normal database and study of morphological changes in subjects with a history of prematurity or perinatal pathologies.

- 2020 - Research project to study the presence of the SARS CoV-2 virus in the tears of patients affected by COVID 19, in collaboration with ASST-Sette Laghi (Medicine, COVID Hub and Reanimation).

- 2020 - Support for the creation of a database for the electronic collection and archiving of data from COVID 19 patients admitted to ASST Sette Laghi di Varese. Creation of dedicated electronic cards on a web-based platform.

- Study of new remote monitoring systems for ocular pathologies, with E-Health systems, for the diagnosis and follow-up of adult and childhood patients.

TEACHING ACTIVITY

Participation in the teaching staff of Masters, Doctorates, Specialty Schools

- 2015 to date Lecturer at the II level Master for Operating Room Nurses, University of Insubria, Varese
- 2017-2018 Teaching appointment for the Doctorate in Experimental and Translational Medicine - XXXIII cycle Department of Medicine and Surgery, University of Insubria - Dir. Prof.ssa Daniela Negrini
- 2019: Participation in the Academic Board of the Research Doctorate in "LIFE SCIENCES AND BIOTECHNOLOGIES" Director: Prof. Loredano Pollegioni. University of INSUBRIA Varese-Como Cycle: 35 and 36 Duration 3 years Scientific areas: 03 - Chemical sciences; 05 - Biological Sciences; 06 Medical sciences; 07 - Agricultural and veterinary sciences
- from 2017 - today: member of the Board of the School of Specialization in Neurosurgery, University of Insubria.
- from 2018 - today: member of the Board of the School of Specialization in Otolaryngology, University of Insubria.
- from 2018 - today: member of the Board of the School of Specialization in Occupational Medicine, University of Insubria.
- from 2017 - today: member of the Board of the School of Specialization in Pediatrics, University of Insubria.
- from 2018 - today: member of the Board of the School of Specialties in Plastic Surgery, University of Insubria.
- from 2018 - today: member of the Board of the School of Specialization in Endocrinology, University of Insubria.
- from 2014 - 2017: member of the Organizing Committee of the Specialization School in Aggregate Ophthalmology, University of Insubria, University of Brescia.
- from 2019 - today: member of the Board of the School of Specialization in Ophthalmology, University of Brescia and Coordinator of the affiliated branch of Varese at ASST- Sette Laghi.
- since 2019: Director of the Specialty School in Ophthalmology, University of Insubria, Varese

Formal assignment of teaching assignments at qualified universities and foreign or supranational research institutes

- 2014 - today Teaching assignment "Ocular pathologies in high altitude". 3rd and 4th International Master Course in Mountain Medicine, 2nd level University Master. Supporting bodies: EURAC Research - Bolzano, Institute of Mountain Medicine and Emergency - Bolzano, University of Insubria - Varese.
- 2016 - today Teaching assignment "Ocular pathologies in high altitude". 2nd International Master Course in Mountain Emergency Medicine. 2nd level University Master. Sponsoring bodies: University of New Mexico, University of Grenoble / Toulouse, University of Insubria - Varese.
- 2017 - today: teaching assignment "Ocular pathologies in high altitude". 1st International Master Course in Expedition Medicine. 2nd level University Master. Sponsoring bodies: University of New Mexico, University of Grenoble / Toulouse, University of Insubria - Varese.
- 2019 - today: Subject expert for teaching activities in the ADE course "Organization of an operating room and Ophthalmological Surgery" at Life and Health University - San Raffaele Hospital, Milan for students of the Master's Degree Course in Medicine and Surgery. II semester, Frontal teaching and attendance in the operating room Duration 25 hours. Responsibility Prof. Claudio Azzolini

Didactics Course of Medicine and Surgery

- 2008 - 2019: Support to frontal and practical teaching activities, Integrated Course of Sensory Organ Pathologies, Ophthalmology, Contact person Prof. Claudio Azzolini, School of Medicine, University of Insubria.
- 2019 -: Head of the Integrated Course of Visual System Pathologies, 5th year, 1st semester, Master's Degree Course in MEDICINE AND SURGERY. University of Insubria.
- 2014 - today Coordination and Teaching for Elective Didactic Activities Master's Degree Course in MEDICINE AND SURGERY: Imaging in Ophthalmology, Ocular Genetics, Organization of an operating room in Ophthalmology. School of Medicine, University of Insubria.

Teaching School of Specialization in Ophthalmology

- 2012 - today: Teaching assignment of Ocular Oncology, School of Specialization in Ophthalmology, University of Insubria, Varese and Brescia.
- 2012 - today: Teaching of Strabismus and Ocular Motility, School of Specialization in Ophthalmology, University of Insubria and Brescia.
- 2018 - today: Teaching assignment of Clinical Instrumental Semeiotics, School of Specialization in Ophthalmology, University of Insubria, Varese and Brescia
- 2018 - today: Teaching appointment of eye surgery, School of Specialization in Ophthalmology, University of Insubria, Varese and Brescia

OTHER SKILLS
AND COMPETENCES
Competences not mentioned above.

Achievement of international awards and recognitions

- 2009 Travel Grant ARVO 2009 per l'abstract cui segue la seguente pubblicazione: Donati S, Barosi P, Bianchi M, Al Oum M, Azzolini C (2012). Combined intravitreal bevacizumab and grid laser photocoagulation for macular edema secondary to branch retinal vein occlusion. EUROPEAN JOURNAL OF OPHTHALMOLOGY, vol. 22, p. 607-614, ISSN: 1120-6721, doi: 10.5301/ejo.5000085
- 2015 Best Paper Under 45: Un interessante caso di masquerade syndrome Ente assegnante italiano: Gruppo italiano di chirurgia vitreo-retinica (GIVRE)

Affiliation to academies of recognized prestige

- from 01-01-2008 to date Member of the EURETINA Society as an active member
- from 01-01-2008 to 01-01-2012 Member of the American Society of Retina Specialists, international member
- from 01-01-2013 to today Member of the Board of Directors of the Italian Group of Vitreo, with the function of Secretary and Scientific Coordinator
- from 01-09-2017 to today Member of the Board of Directors of the University Ophthalmological Society with responsibility for the management and coordination of the website.
- since 2006 member of the Italian Ophthalmological Society
- since 2010 member of the Italian Retina Society
- since 2015 member of the European Group of Graves Orbitopathy based in Brussels

ADDITIONAL INFORMATION

Scientific parameters

H index: 13 (last 15 years)

Number of Citations: 677 (last 10 years)

Number of indexed publications: 46 (last 10 years)

Autorizzo il trattamento dei miei dati personali ai sensi dell'art. 13 d. lgs. 30 giugno 2003 n°196 – “Codice in materia di protezione dei dati personali” e dell'art. 13 GDPR 679/16 – “Regolamento europeo sulla protezione dei dati personali”)

Codice fiscale: DNTSMN76C13A859I

Varese, 25 marzo 2022

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