

PERSONAL INFORMATION **Giacomo Calzetti, MD**

Sex M | Date of birth 05/09/1985 | Nationality IT | Albo dei Medici Chirurghi e Odontoiatri della provincia di Brescia n° 8559

WORK EXPERIENCE

From July 2020 to now

Medical Postdoc

Institute of Molecular and Clinical Ophthalmology Basel, Basel, Switzerland

- Retinal dystrophies, Gene therapy, Optogenetics

From April 2018 to December 2020

Ophthalmologist

Ophthalmology Unit, Department of Medicine and Surgery, University of Parma, Parma, Italy

- Medical retina and Inherited Retinal Diseases Service

From February 2017 to March 2018

Postdoctoral Research Fellowship

Center for Hereditary Retinal Degenerations, Scheie Eye Institute, University of Pennsylvania, Philadelphia, USA

- Retinal degenerations

From March 2016 to July 2016

Clinical Research Fellowship

Department of Clinical Pharmacology, Medical University of Vienna, Vienna, Austria

- Ocular blood flow

EDUCATION AND TRAINING

From June 2011 to June 2016

Residency

University of Ferrara, Italy.

- Ophthalmology

From September 2004 to October 2010

Medical School

University of Parma, Italy.

PERSONAL SKILLS

Mother tongue Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	A2	B1	A2	A2	A2

Grants/Awards

- 2020: **Diana Davis Spencer Clinical/Research Fellowship Award Program in Inherited Orphan Retinal Degenerations.**
Funder: Foundation Fighting Blindness, USA
Title of the project: "Ocular perfusion in retinal degeneration"
Amount: \$ 65,000
- 2020: **ARVO Travel Grant**
Funder: Società Italiana Laser in Oftalmologia
Amount: \$ 1,100

Publications:

Calzetti G, La Morgia C, Cattaneo M, Carta A, Bosello F, Amore G, Carbonelli M, Cascavilla ML, Gandolfi S, Carelli V, Schmetterer L, Scholl HPN, Barboni P. Longitudinal Study of Optic Disk Perfusion and Retinal Structure in Leber's Hereditary Optic Neuropathy. *Invest Ophthalmol Vis Sci*. 2022;63(1):43.

Calzetti G, Mora P, Borrelli E, Sacconi R, Ricciotti G, Carta A, Gandolfi S, Querques G. Short-term changes in retinal and choroidal relative flow volume after anti-VEGF treatment for neovascular age-related macular degeneration. *Sci Rep*. 2021;11(1):23723.

Azhar Baig HM, Ansar M, Iqbal A, Naeem MA, Quinodoz M, **Calzetti G**, Iqbal M, Rivolta C. Genetic Analysis of Consanguineous Pakistani Families with Congenital Stationary Night Blindness. *Ophthalmic Res*. 2022;65(1):104-110.

Calzetti G, Mursch-Edlmayr AS, Bata AM, Ungaro N, Mora P, Chua J, Schmidl D, Bolz M, Garhöfer G, Gandolfi S, Schmetterer L, Wong D. MEASURING OPTIC NERVE HEAD PERFUSION TO MONITOR GLAUCOMA: A STUDY ON STRUCTURE-FUNCTION RELATIONSHIPS USING LASER SPECKLE FLOWGRAPHY. *Acta Ophthalmol*. 2022;100(1):e181-e191.

Carta A, Favilla S, **Calzetti G**, Casalini MC, Ferrari PF, Bianchi B, Simonelli MB, Farci R, Gandolfi S, Mora P. The epidemiology of Moebius syndrome in Italy. *Orphanet J Rare Dis*. 2021;16(1):162.

Mora P, Favilla S, **Calzetti G**, Berselli G, Benatti L, Carta A, Gandolfi S, Tedesco SA. Parsplana vitrectomy alone versus parsplana vitrectomy combined with phacoemulsification for the treatment of rhegmatogenous retinal detachment: a randomized study. *BMC Ophthalmol*. 2021;21(1):196.

Calzetti G, Levy RA, Cideciyan AV, Garafalo AV, Roman AJ, Sumaroka A, Charng J, Heon E, Jacobson SG. Efficacy Outcome Measures for Clinical Trials of USH2A Caused by the Common c.2299delG Mutation. *Am J Ophthalmol*. 2018;193:114-129.

Garafalo AV, **Calzetti G**, Cideciyan AV, Roman AJ, Saxena S, Sumaroka A, Choi W, Wright AF, Jacobson SG. Cone Vision Changes in the Enhanced S-Cone Syndrome Caused by NR2E3 Gene Mutations. *Invest Ophthalmol Vis Sci*. 2018;59(8):3209-3219.

Calzetti G, Fondi K, Bata AM, Luft N, Wozniak PA, Witkowska KJ, Bolz M, Popa-Cherecheanu A, Werkmeister RM, Schmidl D, Garhöfer G, Schmetterer L. Assessment of choroidal blood flow using laser speckle flowgraphy. *Br J Ophthalmol*. 2018;102(12):1679-1683.

Calzetti G, Mora P, Favilla S, Ottonelli G, Devincenzi G, Carta A, Tedesco S, Mursch-Edlmayr A, Garhöfer G, Gandolfi S, Schmetterer L. Assessment of Choroidal Neovascularization Perfusion: A Pilot Study With Laser Speckle Flowgraphy. *Transl Vis Sci Technol*. 2020;9(5):9.

Calzetti G, Mora P, Romani A, Ottonelli G, Pareti A, Gandolfi S, Schmetterer L, Carta A. Optic nerve head and peripapillary perfusion as assessed with laser speckle flowgraphy in non-arteritic anterior ischaemic optic neuropathy. *Acta Ophthalmol.* 2021;99(3):e445-e446.

Mursch-Edlmayr AS, Pickl L, **Calzetti G**, Waser K, Wendelstein J, Beka S, Aranha Dos Santos V, Luft N, Schmetterer L, Bolz M. Comparison of Neurovascular Coupling between Normal Tension Glaucoma Patients and Healthy Individuals with Laser Speckle Flowgraphy. *Curr Eye Res.* 2020;45(11):1438-1442.

Mora P, Zola M, Favilla S, Tagliavini V, **Calzetti G**, Carta A, Gandolfi S, Guex-Crosier Y. Visual outcome and poor prognostic factors in acute retinal necrosis syndrome. *Graefes Arch Clin Exp Ophthalmol.* 2020;258(9):1851-1856

Mora P, **Calzetti G**, Favilla S, Forlini M, Tedesco S, Date P, Tagliavini V, Carta A, Frisina R, Pedrotti E, Gandolfi S. Comparative Analysis of the Safety and Functional Outcomes of Anterior versus Retropupillary Iris-Claw IOL Fixation. *J Ophthalmol.* 2018;2018:8463569.

Mora P, **Calzetti G**, Avellis FO, Tedesco SA, Carta A, Gandolfi S, Zografos L. A case of morgagnian cataract mimicking an iris tumor. *Am J Ophthalmol Case Rep.* 2020;18:100685.

Carta A, Mora P, Aldigeri R, Gozzi F, Favilla S, Tedesco S, **Calzetti G**, Farci R, Barboni P, Bianchi-Marzoli S, Fossarello M, Gandolfi S, Sadun AA. Optical coherence tomography is a useful tool in the differentiation between true edema and pseudoedema of the optic disc. *PLoS One.* 2018;13(11):e0208145.

Witkowska KJ, Bata AM, **Calzetti G**, Luft N, Fondi K, Wozniak PA, Schmidl D, Bolz M, Popa-Cherecheanu A, Werkmeister RM, Garhöfer G, Schmetterer L. Optic nerve head and retinal blood flow regulation during isometric exercise as assessed with laser speckle flowgraphy. *PLoS One.* 2017;12(9):e0184772.

Mora P, **Calzetti G**, Ghirardini S, Rubino P, Gandolfi S, Orsoni J. Cogan's syndrome: State of the art of systemic immunosuppressive treatment in adult and pediatric patients. *Autoimmun Rev.* 2017;16(4):385-390.

Previous sponsored clinical trial experience

- "A comparison of Bimatoprost SR to Selective Laser Trabeculoplasty in Patients with Open-Angle Glaucoma or Ocular Hypertension. Allergan. Study protocol 192024-095. NCT02636946. Role: Sub-Investigator
- "Randomized, double-blind, controlled trial evaluating the effects of an ophthalmic solution of Coenzyme q10 and Vitamin e in patients affected by open-angle glaucoma. The COQUN study". IRCCS - ISTITUTO DI RICERCHE FARMACOLOGICHE "MARIO NEGRI". Protocol IRFMN-OG-7204. NCT03611530. Role: Sub-Investigator
- "A prospective, double-masked, randomized, multicenter, active-controlled, parallel-group, 6-month study assessing the safety and ocular hypotensive efficacy of PG324 (netarsudil /latanoprost 0.02%/ 0.005% Ophthalmic Solution) compared to GANFORT® (bimatoprost 0.03%/timolol 0.5% Ophthalmic Solution) in subjects with elevated intraocular pressure (MERCURY 3). Aerie Pharmaceuticals, Inc. Protocol Number: PG324-CS303. NCT03284853. Role: Sub-Investigator