

## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **ARMENTANO MARTA**  
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Nationality Italian  
Date of birth 01/10/1991  
Gender Female

### Occupational field

**PhD student “Innovative biotech solutions for sensory organ diseases”  
Sapienza University of Rome, Department of Sense Organs  
PhD program: XXXVIII  
Research: Engineering and in vivo evaluation of novel 3-D printed  
biocompatible tissues in ophthalmology.**

### Education and training

From November 2022 PhD student  
Department of sense organs  
Sapienza University of Rome

From Nov 2018 to Nov 2022 Resident in Ophthalmology  
Sapienza University of Rome

From Apr 2022 to Oct 2022 External training period: Università Vita-Salute San Raffaele Milano Italy, with the purpose to implement clinical surgical and theoretic knowledge for the management of strabismus and pediatric ophthalmology.

11-15 Oct 2021 Training course: refractive surgery in Lugano

26 September 2017 Graduation in Medicine and Surgery  
Sapienza University of Rome

### Personal skills and competences

Mother tongue(s) Italian

Other language(s) **English**

Self-assessment

**Language**

<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
Listening	Reading	Spoken interaction	Spoken production	
B2	C1	B2	B2	C1

(\*) *Common European Framework of Reference for Languages*

Computer skills and competences Proficient in Microsoft Office (Word, Access, Excell, Power Point)

Driving licence Italian driving license B

## Additional information

- Conferences Relator 17° Corso Nazionale SOU Chieti-Pescara 8-10 Sept 2022 “Epidemiology of high myopia”
- Docente presso master di I livello “assistenza in chirurgia oftalmica”: La chirurgia decompressiva dell’orbita
- Publications
- Nebbioso M, Lambiase A, Armentano M, Tucciarone G, Sacchetti M, Greco A, Alisi L. Diabetic retinopathy, oxidative stress, and sirtuins: an in depth look in enzymatic patterns and new therapeutic horizons. *Surv Ophthalmol.* 2021 Apr 14;S0039-6257(21)00101-6. doi: 10.1016/j.survophthal.2021.04.003. Epub ahead of print. PMID: 33864872.
- Spadea L, Giannico MI, Armentano M, Alisi L, Pistella S. Acute corneal graft rejection following photorefractive keratectomy for post-penetrating keratoplasty high astigmatism. *Int J Ophthalmol.* 2021 Mar 18;14(3):476-477. doi: 10.18240/ijo.2021.03.24. PMID: 33747829; PMCID: PMC7930540.
- Nebbioso M, Lambiase A, Armentano M, Tucciarone G, Bonfiglio V, Plateroti R, Alisi L. The Complex Relationship between Diabetic Retinopathy and High-Mobility Group Box: A Review of Molecular Pathways and Therapeutic Strategies. *Antioxidants (Basel).* 2020 Jul 26;9(8):666. doi: 10.3390/antiox9080666. PMID: 32722545; PMCID: PMC7464385.
- Nebbioso M, Alisi L, Giovannetti F, Armentano M, Lambiase A. Eye drop emulsion containing 0.1% cyclosporin (1 mg/mL) for the treatment of severe vernal keratoconjunctivitis: an evidence-based review and place in therapy. *Clin Ophthalmol.* 2019 Jul 5;13:1147-1155. doi: 10.2147/OPTH.S181811. PMID: 31308622; PMCID: PMC6616155.
- Alisi L, Armentano M, Sampalmieri L, Bruschi S, Zito R, Iannetti L. Unusual Presentation of Skin Tattoo-Associated Panuveitis. *Ocul Immunol Inflamm.* 2022 Feb 28:1-3. doi: 10.1080/09273948.2022.2042322. Epub ahead of print. PMID: 35226585.
- Comberiat, A.M.; Iannetti, L.; Migliorini, R.; Armentano, M.; Graziani, M.; Celli, L.; Zambrano, A.; Celli, M.; Gharbiya, M.; Lambiase, A. Ocular Motility Abnormalities in Ehlers-Danlos Syndrome: An Observational Study. *Appl. Sci.* 2023, 13, 5240. <https://doi.org/10.3390/app13095240>
- Armentano, M.; Lucchino, L.; Alisi, L.; Chicca, A.V.; Di Martino, V.; Miraglia, E.; Iannetti, L.; Comberiat, A.M.; Giustini, S.; Lambiase, A.; et al. Ophthalmic Manifestation in Neurofibromatosis Type 2. *Appl. Sci.* 2023, 13, 6304. <https://doi.org/10.3390/app13106304>
- Albanese GM, Visioli G, Iannetti L, Giovannetti F, Armentano M, Romano E, Macario F, Fino P, Gharbiya M. Does choroidal thickness predict persistent subretinal fluid after rhegmatogenous retinal detachment repair? A retrospective study with fellow eye comparison. *Acta Ophthalmol.* 2023 Jun;101(4):413-421. doi: 10.1111/aos.15298. Epub 2022 Nov 30. PMID: 36448406.
- Iannetti L, Liberali M, Armentano M, Alisi L, Visioli G, Mastromarino D, Brauner E, Iannetti G. Osteo-odonto-keratoprosthesis According to Strampelli Original Technique: A Retrospective Study With Up to 30 Years of Follow-up. *Am J Ophthalmol.* 2022 Oct;242:56-68. doi: 10.1016/j.ajo.2022.05.015. Epub 2022 May 23. PMID: 35618023.
- Visioli G, Alisi L, Mastrogiuseppe E, Albanese GM, Romano E, Iannetti L, Armentano M, Giovannetti F, Gharbiya M. OCT biomarkers as predictors of visual improvement in diabetic macular edema eyes receiving dexamethasone implants. *Int J Retina Vitreous.* 2023 Jun 14;9(1):35. doi: 10.1186/s40942-023-00473-w. PMID: 37316930; PMCID: PMC10265769.
- Iannetti L, Scarinci F, Alisi L, Armentano M, Sampalmieri L, La Cava M, Gharbiya M. Correlation between Morphological Characteristics of Macular Edema and Visual Acuity in Young Patients with Idiopathic Intermediate Uveitis. *Medicina (Kaunas).* 2023 Mar 8;59(3):529. doi: 10.3390/medicina59030529. PMID: 36984530; PMCID: PMC10054752.

## Research projects

Mallone F, Alisi L, Lucchino L, Di Martino V, Nebbioso M, Armentano M, Lambiase A, Moramarco A. Insights into Novel Choroidal and Retinal Clinical Signs in Neurofibromatosis Type 1. *Int J Mol Sci.* 2023 Aug 30;24(17):13481. doi: 10.3390/ijms241713481. PMID: 37686284; PMCID: PMC10488231.

Iannetti L, Armentano M, Alisi L, Mastromarino D, Visioli G. Comment on "Keratoprosthesis in dry eye disease". *Indian J Ophthalmol.* 2023 Sep;71(9):3267. doi: 10.4103/IJO.IJO\_940\_23. PMID: 37602627; PMCID: PMC10565925.

Novel tools to detect virus shedding in biological fluids during 7 days monitoring: Potential use to improve diagnosis of recovery after SARS-CoV-2 infection.

Simulating visual fields from OCT macular map data in ocular hypertension and glaucoma and predicting the rate of progression through a score based on a deep learning software.

Characterization of miRNA expression profiles in conjunctival samples and tears of patients affected by ocular mucous membranes pemphigoid (oMMP).

Characterization of miRNA in the ocular surface of patients affected by Basedow orbitopathy: novel biomarkers and potential therapeutical targets.

Evaluation of biochemical and morphological ocular biomarkers for the early diagnosis and evaluation of therapeutical response in patients affected by multiple sclerosis and Parkinson's disease.

Characterization of tears and conjunctival miRNA profiles in patients affected by inflammatory and degenerative diseases of the ocular surface.

Engineering and in vivo evaluation of novel 3-D printed biocompatible tissues in ophthalmology.

Neurophysiological and neurobiological correlates of analytic style of processing visual information in healthy subjects and in primary headache sufferers: focus on cortical habituation of visual and auditory evoked potentials and neurotrophins levels.

IMVT-1401-3201: A Phase 3, Multi-center, Randomized, Quadruple-masked, Placebo-controlled Study of Batoclimab for the Treatment of Participants with Active Thyroid Eye Disease (TED).