



Carola Costanza

MD, PhD Student

Education

University of Palermo

PhD Student in Health Promotion and Cognitive Sciences (XL cycle) at the Department of Psychology, Education Sciences, and Human Movement (SPPEFF).

University of Palermo

Specialization School in Child Neuropsychiatry

4th Year, 2024/2025

Università di Roma "La Sapienza"

Degree in Medicine and Surgery 2015-2020

- University of Palermo, Specialization School in Child Neuropsychiatry - Department of PROMISE (Health Promotion, Maternal-Infant Medicine, Internal and Specialist Medicine Excellence "G. D'Alessandro")
- OASI MARIA SS. Onlus IRCCS, Troina - Research Institute and Hospital Center for Intellectual Disabilities - Reference Center for Rare Diseases
- Children's Hospital - ARNAS Civico di Cristina Benfratelli - Via dei Benedettini, 1
- "Aiuto Materno" - Via Lancia di Brolo, 10

Personal Information

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LinkedIn

Researcher IDs

Orcid ID: 0000-0001-9200-2772

[Research-gate](#)

[Scholar ID](#)

[Scopus ID](#)

[Sciprofiles](#)

[WebofScience](#)

Work Experience

Medical Director

07/10/2024 - in corso

U.O.C. di Neuropsichiatria dell'IRCCS-OC Oasi

Medical Director

27/04/2021-19/10/2021

Synergie Italia - Anti-SARS-CoV-2 Vaccination Campaign

Medical Director

16/11/2020-01/03/2021

ASL Roma 2 - UOC Hygiene and Public Health Service - Prevention Department

Professional Qualification

Provincial Order of Surgeons and Dentists of the Province of Agrigento from 06/07/2020
No. 5073

Scientific Publications

1. "The Complex Association between Sleep Quality, Psychological Wellbeing, and Neurodevelopmental Disorders in Childhood". Roccella, M., Vetri, L., Carotenuto, M., & **Costanza, C.** *Journal of Clinical Medicine*, 12(10), 3417, (2023).
2. "Epilepsy: A Multifaced Spectrum Disorder", Vetri, L., Roccella, M., Parisi, L., Smirni, D., **Costanza, C.**, Carotenuto, M., & Elia, M., *Behavioral Sciences* 13(2), 97, (2023).
3. "Effectiveness of an Educational Filmmaking Project in Promoting the Psychological Well-Being of Adolescents with Emotive/Behavioural Problems." Gagliano, Antonella, **et al.** *Healthcare*. Vol. 11. No. 12. MDPI, (2023).
4. "Diet-Related Attitudes, Beliefs, and Well-Being in Adolescents with a Vegetarian Lifestyle." Benedetto, Loredana, **et al.** *Healthcare*. Vol. 11. No. 21. MDPI, (2023).
5. "STXBP6 Gene Mutation: A New Form of SNAREopathy Leads to Developmental Epileptic Encephalopathy." Vinci, Mirella, et **Carola, Costanza**. *International Journal of Molecular Sciences* 24.22: 16436. (2023)
6. "Whole Exome Sequencing as a First-Line Molecular Genetic Test in Developmental and Epileptic Encephalopathies." Vetri, Luigi, **et al.** *International Journal of Molecular Sciences* 25.2: 1146. (2024)
7. "Use and Abuse of Digital Devices: Influencing Factors of Child and Adolescent Neuropsychology." **Costanza, Carola, et al.** *Clinics and Practice* 13.6: 1331-1334. (2024)
8. "Comorbidities and Disease Duration in Tourette Syndrome: Impact on Cognition and Quality of Life of Children." Conte, Giulia, **et al.** *Children* 11.2: 226. (2024)
9. "Childhood Absence Epilepsy." Vetri, L., **Costanza, C.**, Siciliano, M., Precenzano, F., Gallai, B., & Carotenuto, M. *IntechOpen*. doi: 10.5772/intechopen.11400. (2024)
10. "The mediating role of academic motivation in the relationship between self-efficacy and learning strategies during the COVID-19 pandemic". M Alesi, G Giordano, A Gentile, M Roccella, **C Costanza**, B Caci, *Frontiers in Education*, 8, 1339211. (2024)
11. " Neurodevelopmental Disorders and Suicide: A Narrative Review". Gagliano A, **Costanza C**, Di Modica I, Carucci S, Donno F, Germanò E, Abbate CS, Roccella M, Vetri L. *Journal of Clinical Medicine*, 13(6):1627. <https://doi.org/10.3390/jcm13061627> (2024)
12. "Telecoaching: a potential new training model for Charcot-Marie-Tooth patients. A systematic review". Ignazio Leale, Vincenzo Di Stefano, **Carola Costanza**, Filippo Brighina, Michele Roccella, Antonio Palma and Giuseppe Battaglia. *Frontiers in Neurology Neurorehabilitation*, *Frontiers in Neurology* 15: 1359091.
13. Treccarichi, S.; Cali, F.; Vinci, M.; Ragalmuto, A.; Musumeci, A.; Federico, C.; **Costanza, C.**; Bottitta, M.; Greco, D.; Saccone, S.; et al. Implications of a De Novo Variant in the SOX12 Gene in a Patient with Generalized Epilepsy, Intellectual Disability, and Childhood Emotional Behavioral Disorders. *Curr. Issues Mol. Biol.* 2024, 46, 6407-6422. <https://doi.org/10.3390/cimb46070383>
14. Fallea, A.; Vetri, L.; L'Episcopo, S.; Bartolone, M.; Zingale, M.; Di Fatta, E.; d'Albenzio, G.; Buono, S.; Roccella, M.; Elia, M.; et al. Oral Health and Quality of Life in People with Autism Spectrum Disorder. *J. Clin. Med.* 2024, 13, 5179. <https://doi.org/10.3390/jcm13175179>

Participation as a Speaker at National and International Conferences and/or Symposiums

- **30th National SINPIA Congress (Italian Society of Child and Adolescent Neuropsychiatry), Verona, 18-21 September 2024.** "Pediatric Acute-Onset Neuropsychiatric Syndrome (PANS): Five Years of Follow-up of a Prototype Clinical Case."
- **2nd National Conference of Child Neuropsychiatry Residents - Organized by SINPIA (Italian Society of Child and Adolescent Neuropsychiatry), Bari, 29 November - 1 December 2023.** "Developmental and Epileptic Encephalopathy (DEE) Related to STXBP6 Mutation (Syntaxin): Another Possible SNAREopathy."
- **International Meeting on Children and Adolescents Neurology and Psychiatry - Mediterranean International Congress on Neurodevelopmental Disorders, Palazzo Steri, Palermo, Italy, 22-24 June 2023.** "Exposure to Violent TV Series in Children and Adolescents: The Effects."
- **"Next Generation Sequencing (NGS): Principles and Applications in the Diagnosis of Rare Diseases," Aula Magna Policlinico, Catania, 24 May 2024**

Academic Positions

At the University of Palermo

- **PhD Student in Health Promotion and Cognitive Sciences (XL cycle)** at the Department of Psychology, Education Sciences, and Human Movement (SPPEFF).
- **Teaching Assignment: Teaching 3 - Child Neuropsychiatry - Specialization Course for Support Activities, Cycle VII, A.Y. 2021/22;**
- **Teaching Assignment: Teaching 3 - Child Neuropsychiatry - Specialization Course for Support Activities, Cycle IX, A.Y. 2024/25;**

Teaching Activities

She participated, as a Teacher, for Oasi Research Institute-IRCCS, 94018 Troina, in the training course "Next Generation Sequencing (NGS): Principles and Applications in the Diagnosis of Rare Diseases" on 24/05/2024 at the Aula Magna Policlinico, Catania.

Scientific Responsibility for International and National Research Projects, Funded Based on Competitive Calls That Include Peer Review

She is part of the research unit as an expert referent for the affiliated institution UNIPA in the field of child neuropsychiatry for the project "Prevention in the Field of Pathological Addictions with a Focus on Non-Substance Addictions," within the framework of the "ONE HEALTH SICILY" Program Agreement - Strengthening Research and Intervention Activities Integrated with the Logic of the Regional Prevention Plan 2020-2025 and the PNR - Mission 6, between the Palermo Health Agency and the Department of Psychological, Educational, and Human Movement Sciences at the University of Palermo.

Education and Training, Continuing Education Courses and Webinars

- Webinar "Common Errors in Psychopharmacology of Developmental Age," SINPIA (Italian Society of Child Neuropsychiatry) Webinar, 27 November 2024.
- Course "Psychotic Onsets in Developmental Age: Assessment and Differential Diagnosis Using the SIPS/SOPS - Istituto ReTe - Instructors Prof. Stefano Vicari – Dr. Maria Pontillo, 27 September 2024.
- Course "The New EU General Data Protection Regulation No. 679/2016" organized by the University Hospital Policlinico "Paolo Giaccone" in Palermo and delivered via the UNIPA platform (asynchronous FAD), with successful completion of the final exam on 29 August 2024.
- Course "Systematic Review & Meta-Analysis" by Neocortex, Advanced Neuroscience Statistical Course, Instructor Dr. Michele Romoli, PhD. Rome, 8-9 June 2024.
- Joint Conference SINPIA-SINPF. Psychopharmacology in the Transitional Age: From Theory to Clinical Practice. Hybrid Event - Cagliari, 16-17 May 2024.
- Course on Autoimmune Neurological Diseases. Rimini, 10 May 2024.
- In-Person Course: Developmental Psychiatry Meetings, 2nd Edition - 10-13 May 2023 – Riccione. Course Directors: Prof. Stefano Vicari, Prof. Luigi Mazzone.

- Seminar on "Food Safety and Food Fraud," Palermo, 17 April 2024, University Hospital "Paolo Giaccone."
- National Congress LICE (Italian League Against Epilepsy) - 46th Edition, Poster Presentation – Young LICE Project, 7-9 June, Naples 2023.
- In-Person Course: Developmental Psychiatry Meetings, 1st Edition – 10-13 May 2023, Riccione.
- Course on Primary Applied Statistics and Research Methodology for Medical and Social Sciences – Practical Session with SPSS, Neocortex, Dr. Elias Casula, 18-19-20 March 2023.
- FAD Course: "Intersex Individuals: Between Health and Law," Istituto Superiore di Sanità, Dr. M. Pierdominici, Dr. M. De Santis, Dr. Alfonso Mazzaccara, 04/03/2023.
- 40th Multicentric Meeting in Epileptology, LICE – Rome, 26-27/01/2023.
- Child Neuropsychiatry Residents' Conference - SINPIA (Italian Society of Child and Adolescent Neuropsychiatry) - Brescia, 16-17/12/2022.
- SINPIA Course – Sicily Section: "Electroencephalography in Childhood and Adolescence. The Role of EEG in Diagnosis": Electroclinical Cases from NPIA Centers in Sicily. Villaggio Mosè-Agrigento, 27-28-29/06/2022.
- Course on DSM-V in Developmental Age: Diagnostic Framework Using K-SADS, Istituto ReTe, Instructors Prof. Stefano Vicari, Dr. Maria Pontillo, 10/06/2022.
- Advanced Training Course: "The First Thousand Days, Parenting, Epigenetics, and Mental Health," Department of Human Neurosciences, University of Rome "La Sapienza," A.Y. 2021/2022, completed on 15/02/2022.
- Course on "Epilepsy in Developmental Age: Personalized Therapy and Quality of Life," 28/10/2021.
- FAD - ECM Course: "Cannabis and Epilepsy in Pediatrics," October 2021.

- International Symposium on Suicidology and Public Health: - THE INDIVIDUAL AT THE CENTER OF MENTAL HEALTH, Online Streaming Mode - FOCUS ON THE EMOTIONAL ASPECTS OF DEPRESSION - EMERGING ISSUES IN MENTAL HEALTH - HOT ISSUES IN MENTAL HEALTH. International Symposium on Suicidology and Public Health: The Individual at the Center of Mental Health (Sidera) - 10-13-15-16 September 2022.
- FAD Course - ECM. Mental Health in Adolescents and Young Adults During and After the Health Emergency: Challenges and Opportunities for Services. Milan, 16 September 2021.
- Course on Safety in the Workplace, General Training Code: SYN_SICGEN_03T - COVID-19 SAFETY TRAINING Code: SYN_SICCOVIDEST_01T. September 2021. General training on health and safety at work in accordance with Article 37 of Legislative Decree 81/08 and subsequent amendments and the agreement of 21/12/2011 established in the Permanent Conference for Relations between the State, Regions, and Autonomous Provinces of Trento and Bolzano. The reference contents, valid for all sectors, are listed in point 4 of Annex A, paragraph "General Training" of the aforementioned agreement. Training according to the Government/Syndicates Protocol of 14/03/2020 and integration of 24/04/2020 and DPCM 11/06/2020 and subsequent amendments. Course content: description of the virus; biological risk; worker safety; personal protective equipment.
- FAD Course - Istituto Superiore di Sanità. COVID-19 Epidemiological Emergency: Elements for Contact Tracing (updated edition) January 2021.
- FAD Course - Istituto Superiore di Sanità and Ministry of Education: Operational Guidelines for the Management of SARS-CoV-2 Cases and Outbreaks in Schools and Early Childhood Educational Services. November 2020.
- FAD Course - Istituto Superiore di Sanità. Infection Prevention and Control in the Context of the COVID-19 Emergency. October 2020.
- FAD Course - Istituto Superiore di Sanità and Federation of Medical Scientific Societies (FISM). COVID-19 Health Emergency and Gender Differences in Epidemiology and Clinical Practice. October 2020.

Non-Academic Professional Positions

- University of Rome "La Sapienza" – Faculty of Pharmacy and Medicine - Offices/Services Presidency MEDICAL AREA. Assignment for Part-Time Student Activities; 20/01/2020 – 15/07/2020
- Post-Graduation Volunteer Internship at a Pediatric Practice; General Pediatrician Dr. Vaccaro A., Licata (AG); August – September 2020

Professional Societies

- Italian Society of Child and Adolescent Neurology and Psychiatry (S.I.N.P.I.A)
- Italian League Against Epilepsy (LICE)
- Italian Society for the Study of Headaches (SISC)
- Italian Multiple Sclerosis Association (AISM)

Digital Skills

- Office Suite
- Project Management and Collaboration
- Data Analysis
- Social Media
- Graphic and Design Skills
- Automation and Artificial Intelligence
- Statistical Analysis with SPSS
- Analysis and Meta-Analysis using Rayyan and R Studio

Language Skills

- Native: Italian
- English: B2
- French: A2
- Spanish: B1