

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name **PREGNOLATO GIORGIA**

Address 120 VIA S.BONA NUOVA, 31100, TREVISO (TV), ITALY

Telephone +39 3490829150; +39 0412207214

Fax - -

E-mail giorgia.pregnolato@univr.it; giorgia.pregnolato@ospedalesancamillo.net; giorgia.pregno91@gmail.com

Nationality Italian

Date of birth 10, September, 1991

WORK EXPERIENCE

- Dates (from – to) **From April 2015 – to present**
 - Name and address of employer San Camillo IRCCS Hospital, Department of Neurorehabilitation, Laboratory of Rehabilitation Technologies, Via Alberoni 70, 30126 Lido di Venezia (VE), Italy
 - Type of business or sector Physical Therapist
- Research Assistant, involved in following projects:
- “Modularity for sensory motor control: implications of muscles synergies in motor recovery after stroke.” (GRANT N° GR-2011-02348942)
 - “Myoelectric interfaces for sensory-motor control” - FP7-PEOPLE-2011- IAPP” – MYOSENS (Grant no. 286208)
 - “Characterisation of voluntary motor behaviour by muscle synergies, to improve efficacy and personalisation of rehabilitation therapy for upper limb, after stroke.” (GRANT N° RF-2019-12371486)
 - “Hospital Smart development based on AI [HosmartAI]” – Grant Agreement no. 101016834 (H2020-DT-2020-1 – Innovation Action)

EDUCATION AND TRAINING

From October 2020 - to present

PhD student in Neuroscience, Psychological and Psychiatric Sciences, and Movement Sciences, in University of Verona (XXXVI cycle – October 1, 2020 – September 30, 2023)

Title of the PhD Project: “Recovery of hand function after stroke: classification of voluntary muscle activation by surface EMG, in patients undergoing task-oriented rehabilitation of the hand”

From October 2016 - to April 2019

Master's degree in Rehabilitation Science in Healthcare Professions, in University of Verona
Final score 107/110

Final thesis was entitled “Trasferimento tecnologico nel Sistema Sanitario Nazionale: dalla progettazione alla valutazione di efficacia di un dispositivo per il trattamento della mano paretica in pazienti colpiti da ictus”.

	From February 2015 - to June 2015: IBITA Certificated in Basic Course "The Assessment and Treatment of Adults with Neurological Conditions – The Bobath Concept" From October 2011 - to November 2014 Bachelor's degree in Physiotherapy, in University of Padua Final score 110/110 cum laude. Final thesis was entitled "Closed-Loop Control per la riabilitazione robotica dell'arto superiore dopo ictus".
PUBLICATIONS	Kiper, P., Baba, A., Alhelou, M., Pregnotato, G., Maistrello, L., Agostini, M., Turolla, A., 2020. Assessment of the cervical spine mobility by immersive and non-immersive virtual reality. J. Electromyogr. Kinesiol., vol. 51, no. January, p. 102397. DOI: 10.1016/j.jelekin.2020.102397 Rimini, D., Salvalaggio, S., Pregnotato, G., Alhelou, M., Berlingieri C., Mascotto, E., Ariano, P., Celadon, N., Ahmed, D., Turolla, A., 2020. sEMG-biofeedback armband for hand motor rehabilitation in stroke patients: a preliminary pilot longitudinal study. The 15th Edition of IEEE International Symposium on Medical Measurements and Application 978-1-7281-5386-5/20/\$31.00 ©2020 IEEE Bolioli, A., Alloatti, F., Guadalupi, M., Lanzi, R.I., Pregnotato, G., Turolla, A. How do physiotherapists and patients talk? Developing the RiMotivAzione dialogue corpus. CEUR Workshop Proceedings. Volume 2481, 2019. 6th Italian Conference on Computational Linguistics, CLiC-it 2019; Bari; Italy; 13 November 2019 through 15 November 2019; Code 152977. Kiper, P., Agostini, M., Maistrello, L., Baba, A., Berlingieri, C., Pregnotato, G., Baldan, F., Turolla, A. Supervised learning in virtual environment for motor recovery stimulation in stroke survivors. Congress proceedings, World Confederation for Physical therapy Congress 2019; Geneva (CH); 10-13 May 2019; Code PLR5-1257. Link: https://www.abstractstosubmit.com/wcpt2019/archive/#!/viewer/abstract/1257
PERSONAL SKILLS AND COMPETENCES	I am interested in technology applied to rehabilitation and healthcare in general. My research interests are primarily in investigating the neurophysiological basis of human motor behaviour and the principles underpinning motor recovery after brain lesions. I deal with testing new robotic devices for motor rehabilitation after neurological pathologies, such as stroke, multiple sclerosis and Parkinson's. Implications of my research are targeted to develop innovative modalities for technology-based rehabilitation. Moreover, I'm participating to the development of a website platform (medplace.it) for diffusion of e-health solutions (i.e. software, device, App).
MOTHER TONGUE	Italian
OTHER LANGUAGES	English
• Reading skills • Writing skills • Verbal skills	Good Good Good
TECHNICAL SKILLS AND COMPETENCES	Expertise on using the following software in Windows: ☐ Office (Word, Excel, Power Point, Access); Client mail; Browsers ☐ RStudio (statistica), Rcmdr ☐ Review manager / EndNote / Mendeley

	Expertise in rehabilitative application on using the following technical issue: ☐ Surface Electromyography-based device ☐ Human-machine interaction ☐ Inertial Measurement Unit (IMU) ☐ Robotic device (AMADEO®, ReHarm, OAK®, PABLO®, DIEGO®, OMEGO®, Remo®) ☐ Virtual Reality environment (VRRS®)
DRIVING LICENCE	Category B
ADDITIONAL INFORMATION	Peer reviewer for the journal Topics in Stroke Rehabilitation Co-rapporteur for BSc thesis in Physiotherapy, in University of Padua Co-rapporteur for MSc thesis in Rehabilitation Science in Healthcare Professions, in University of Verona Member of Italian Association of Physical Therapy (AIFI) ORCID ID: 0000-0002-4622-6393 ResearchID: AAC-6751-2020

Venice, 18th February 2021

Giorgia Pregnolato

