

## Europass Curriculum Vitae

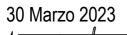
Personal information				
First name(s) / Surname(s)	Marta Morotti			
Address(es)				
Telephone(s)	Mobile:			
Fax(es) E-mail				
Nationality				
Date of birth				
Gender	Female			
Work experience				
Dates	October 2019 – January 2023			
Occupation or position held	PhD student			
Main activities and responsibilities	Cellular and Molecular biology, electrophysiology techniques, behavioral and functional test			
Name and address of employer	Clinical/Experimental Neuroscience and Psychiatry, Sapienza University of Rome, Italy			
Dates	February 2019 – October 2019			
Occupation or position held	Fellowship			
Main activities and responsibilities	Cellular and Molecular biology, electrophysiology techniques, behavioral and functional test			
Name and address of employer	Biophysics Laboratory - Dept of Pharmacology and Physiology Vittorio Erspamer, Sapienza University			
	of Rome, Italy			
Education and training				
Dates	October 2013 – November 2016			
Title of qualification awarded	Bachelor's degree (DM. 270/04) of Biology (CLASSE L-13).			
Principal subjects/occupational skills covered	Bachelor's degree project: " Role of Nutrients in the Control of Neurogenesis"			
Name and type of organisation	Sapienza University of Rome, Italy			
providing education and training				
Vote	103/110			
Dates	October 2016 – October 2018			
Title of qualification awarded	Master's degree (DM. 270/04) of Neurobiology (CLASSE LM-6).			
Principal subjects/occupational skills covered	Master's degree project: "Study of hypothalamic microglia in a murine model of amyotrophic lateral sclerosis "			
Name and type of organisation providing education and training	Dept of Pharmacology and Physiology Vittorio Erspamer, Sapienza University of Rome, Italy			
Vote	110/110 summa cum laude			

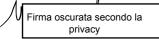
Page 1/4 - Curriculum vitae of Morotti Marta For more information on Europass go to http://europass.cedefop.europa.eu © European Union, 2004-2010 24082010

Personal skills and competences							
Mother tongue(s)	Italian						
Other language(s)	English						
Self-assessment	Unders	tanding	Speaking		Writing		
European level (*)	Listening	Reading	Spoken interaction	Spoken production			
Italian	C2	C2	C2	C2	C2		
English	C1	C1	B2	B2	B1		
	(*) <u>Common European Fr</u>	amework of Reference	for Languages				
Social skills and competences	Ability to organize independently or in group the work and to cooperate with other figures managing the priority even in stressful situations in order to meet deadlines and targets. Ability to work even in interdisciplinary project and always willing to increase and integrate the experience and knowledge with a sense of initiative. Good scientific writing skills and oral communication.						
Organisational skills and competences	Replace this text by a description of these competences and indicate where they were acquired. (Remove if not relevant, see instructions)						
Technical skills and competences	<ul> <li>Autonomy tested in the laboratory as regards the cellular and molecular biology, electrophysiology, fluorescence microscopy and in vivo models (mice). Excellent ability to manipulate animal model. Excellent application of electrophysiological techniques, immunofluorescence methods, PCR, real time PCR, ELISA.</li> <li>Cellular and molecular biology: cell cultures, DNA/RNA and protein extraction and quantification, PCR and q-PCR, ELISA and Immunofluorescence. Correcting use of biological and chemical Hoods.</li> <li>Imaging: Fluorescence microscopy.</li> <li>Electrophysiology on slices and in vitro: Solution preparation, Cell-Attached and Whole cells</li> </ul>						
	configural • Behaviora	ion of Patch Clamp I and Functional tec	hnique, Open Field, (	Grip test, Wire test, Fea t, transcardial perfusio	ar Conditioning.		
Computer skills and competences	<ul> <li>Microsoft Office suite.</li> <li>Statistics software: SigmaPlot, Graphpad.</li> <li>Imaging and deconvolution software: Metamorph,ImageJ.</li> <li>Electrophysiology Software: Clampet, Clampdata</li> </ul>						
Other skills and competences	Replace this text by a description of these competences and indicate where they were acquired. (Remove if not relevant, see instructions)						
Driving licence	В						
Training and Congress							
Dates	17 October 2019 – 20 (	October 2019					
Name and type of organization providing education and training	Institute interuniversity of Myology, Italy						
Page 2/4 - Curriculum vitae o Morotti Marta		uropass go to http://europ 2010 24082010	ass.cedefop.europa.eu				

Principal subjects/occupational skills covered	High Training Course in Advanced Myology
Dates	18 October 2019 – 20 October 2019
Name and type of organization providing education and training	Institute interuniversity of Myology, Italy
Principal subjects/occupational skills covered	The 16th IIM Meeting "Pathogenesis and Therapies of Neuromuscular Diseases"
Dates	31 October 2019
Name and type of organization providing education and training	Ministry of Health, Italy
Principal subjects/occupational skills covered	Workshop "The principle of the 3R"
Dates	16 October 2020 – 18 October 2020
Name and type of organization providing education and training	Institute interuniversity of Myology
Principal subjects/occupational skills covered	The 17th IIM Meeting "Pathogenesis and Therapies of Neuromuscular Diseases" Poster: "KCa3.1 ion channels as a tool to protect dystrophic muscle"
Dates	July – September 2021
Name and type of organization providing education and training	Sapienza university of Rome, Italy
Principal subjects/occupational skills covered	Animal welfare in the research
Dates	March - 2022
Name and type of organization providing education and training	Salzburg Institut Pasteur, Austria
Principal subjects/occupational skills covered	Global Health: Neurological and Sensory Disorders: Genes, Pathogenesis and Innovative Therapies
Dates	29-30 September 2023
Name and type of organization providing education and training	5 <sup>th</sup> Brainstorming Research Assembly for young Neuroscientists
Principal subjects/occupational skills covered	Neuroscience
Dates	20-23 October 2023
Name and type of organization providing education and training	Interuniversity Institute of Myology Meeting 2022
Principal subjects/occupational skills covered	Pathogenesis and Therapies of Neuromuscular Diseases
Dates	November 2022 – April 2023
Name and type of organization providing education and training	Sapienza university of Rome, Italy
Principal subjects/occupational skills covered	Training on Preclinical Experimentation and Animal Welfare

Publications and Achievements	•	Winner of "Projects to Start Research - Type 2" in 2022 with the Project: "Characterization of the development of the neuromuscular junction in dystrophic mice"
	1.	Morotti, M.; Gaeta, A.; Limatola, C.; Catalano, M.; Di Castro, M.A.; Grassi, F. Early Developmental Changes of Muscle Acetylcholine Receptors Are Little Influenced by Dystrophin Absence in mdx Mouse. Life 2022, 12, 1861. https://doi.org/ 10.3390/life12111861
	2.	Morotti, M.; Garofalo, S.; Cocozza, G.; Antonangeli, F.; Bianconi, V.; Mozzetta, C.; De Stefano, M.E.; Capitani, R.; Wulff, H.; Limatola, C.; et al. Muscle Damage in Dystrophic mdx Mice Is Influenced by the Activity of Ca2+-Activated KCa3.1 Channels. Life 2022, 12, 538. https://doi.org/10.3390/ life12040538
	3.	Cocozza, G., Garofalo, S., Morotti, M., Chece, G., Grimaldi, A., Lecce, M., Scavizzi, F., Menghini, R., Casagrande, V., Federici, M., Raspa, M., Wulff, H., & Limatola, C. (2021). The feeding behaviour of Amyotrophic Lateral Sclerosis mouse models is modulated by the Ca2+-activatedKCa3.1 channels. British Journal of Pharmacology, 178(24), 4891–4906. https://doi.org/10.1111/bph.15665





3