



Curriculum Vitae

Neuroengineering, Tecnologies for regenerative medicine,Biocompatibility and cell coltures lab, Bioinformatics and functional genomics

09/2021-03/2022	 Erasmu Universida Main activ Tissu tissu (3) a poro Bioco 	s+ Programme de de Coimbra, Coin ities: le engineering lab ac e engineering applica bioactive glasses (Bi us scaffolds using the ompatibility course	nbra (PT). tivities: preparation ations, (2) an injecta oglasses) by an aq a foaming/mixing pr	of (1) composites hav ble hydrogels for bior ueous sol-gel methoc ocess with supercritic	ving potential bone nedical applications, l, (4) preparation of al carbon dioxide.
10/2016-10/2019	 Bachelor degree in Biomedical Engineering, biomaterials curriculum Università degli studi di Palermo, Palermo (IT). Main courses: Tecnologies for regenerative medicine, Tissue engineering, Membrane technologies for biomedical engineering, Biomaterials, Chemistry of biological molecoules, Science and technologies of materials, Science of costructions and mechanics of biomaterials, Transport phonomena and thermodynamics. Riemechapical capater unicapa 				
09/2011-07/2016	Classical High School Diploma Liceo Classico Giovanni Meli, Palermo (IT).				
PERSONAL SKILLS Native language	Italian				
Other languages	COMPREHENSION		SPEAKING		WRITING ABILITY
	Listening	Reading	Interaction	Oral production	
<u>English</u>	B2	B2	B2	B2	B2
-			TOEIC, B2.		
Portuguese	A2	A2	A1	A1	A1
Communication skills	 Livels: A1/A2: Basic user Common European Fran I possess good cor projects had an exp Furthermore, thank exposition skills we of European project which I had to relatt knowledges. 	- B1/B2: Intermediate us nework of Reference for L nmunication skills ac pository in English, su s to my experience v re additionally trained ts I had the opportun e and interact with ot	eer - C1/C2: Advanced anguages quired during subje upporting in my self- vithin the Erasmus+ d in Portuguese. In ity to interface with hers, contributing to	user ct my Master's degree -public speaking abilit - program, my commu addition, working with different Institutes; att o my arguments and to	e courses. Different y. unication and in the environment ending meetings in echnical



Organisational and management skills	 I autonomously proposed a master thesis activity that was enthusiastically accepted by my tutors, after I had thoroughly and critically studied the state of the art of the subject area chosen. In the course of my work, I had to interface with several reference figures from different institutions, learning to work with each one. I have always tried to be clear in the presentation and justification of the results, giving appropriate reasons for the choice of strategies followed. The work was developed between two different institutes, leading me to develop organizational skills to complete the work efficiently. Thanks to the unforeseen events I encountered, I developed the ability to reinvent myself and cope with schedule changes enthusiastically. Excellent ability in organizing work and managing the material needs of a laboratory with big technicians' affluence.
Professional skills	 Knowledge of laboratory standards in chemical, biological, silicon labs in addition to clean room environment, with the associated insight of the operating principles of the equipments. Experties in natural derived hydrogels: storage, manipulation, shelf-life and biological and physio-chemical properties knowledges. Hydrogels characterization from a viscoelastic point of view: rheometer, dynamic mechanical analyzer, MTS instrumentation mastery. Knowledge of the electrospinning instrumentations and operating principles, common materials used for the fabrication of electrospun structures.
Contributions	 -Ignazio Niosi, Lorenzo Vannozzi, Diego Trucco, Silvia Farè and Leonardo Ricotti, "Injectable gelatin-based photocurable fiber-reinforced hydrogel for the treatment of osteochondral defects", Conference contribution GNB2023, ISBN: 978-8-855-58011-3. -Carlotta Salvatori, Diego Trucco, Ignazio Niosi, Leonardo Ricotti & Lorenzo Vannozzi, "A Novel Steerable Catheter Controlled with a Biohybrid Actuator: A Feasibility Study", Conference Paper Live Machine 2023, ISBN: 978-3-031-39504-8.

ADDITIONAL INFORMATIONS

Personal data The undersigned is aware that, pursuant to art. 26 of Law 15/68, and Articles. 46 and 47 of Presidential Decree 445/2000, false statements, falsified acts and use of false acts are punishable under the Penal Code and special laws. Moreover, the undersigned authorizes the processing of personal data, in accordance with the provisions of Law 675/96 of 31 December 1996.

Palermo, 25/05/2024