



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) Filippo Dell' Anno
Address(es) 38/1, Via Orsini, 16146, Genova, IT
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E-mail dellanno32@virgilio.it
Nationality Italian
Date of birth 01-07-1991
Gender Male

Work experience

Dates December 2016- on going
Occupation or position held PhD
Main activities and responsibilities Identification of key microbial taxa through culture-dependent and culture-independent methods in order to isolate bacteria and microalgae and characterize their molecular, response to different pollution conditions, using transcriptome analysis by RNA sequencing (WTSS). Analysis of microbial diversity and metabolic functions by integrating metagenomics and metatranscriptomics tools, through the use of Next Generation Sequencing techniques and subsequently bioinformatics assay.
Head of research Dott. A. Ianora
Type of business or sector Stazione Zoologica Anton Dohrn, Naples.

Work experience

Dates 2016
Occupation or position held Trainee

Main activities and responsibilities | Research activity focused on the study of somatostatin receptor physiopathology and their interaction in neuroendocrine tumours (NETs) and pituitary adenomas. Analysis of antisecretory and antiproliferative effects of somatostatin analogues on primary cultures of GH secreting pituitary adenoma, non functioning pituitary adenoma (NFPA) and cell line GH4-C1; Evaluation of the somatostatin receptors (SSRs) expression in GH secreting pituitary adenoma and ,in vitro, comparison of Octreotide and Pasireotide effect on GH-C1 cell line proliferation. Acquired experience on primary cell cultures preparation, BRDU cells proliferation assay, GH e PRL hormones measurements assay (RIA, IRMA and ELISA), immunohistochemistry, immunoblotting and membrane protein extraction techniques.

Head of research | Prof. Diego Ferone

Tutor | Prof.ssa Marica Arvigo

Type of business or sector | University of Genoa, Department of Internal Medicine and Medical Sciences.

Work experience

Dates | 2013-2015

Occupation or position held | Trainee

Main activities and responsibilities | Bis-succinimidil succinil PEG (SSPEG) chemical synthesis to create a cross-linking agent able to bound together haemoglobin dimers/tetramers. Incapsulation of polymer chains inside gelatin microparticles in order to achieve an artificial haemoglobin based oxygen carriers (HBOC). Characterization of particles size, poly dispersity index and zeta potential through Z-Syzer. Evaluation of haemoglobin oxygen affinity and encapsulation rate using, respectively, spectrophotometric techniques and atomic absorption. Research conducted in collaboration with the University of Sao Paulo (Br).

Head of research | Prof. Attilio Converti

Tutor | Dott.. Marcos Knirsch

Type of business or sector | University of Genoa, Department of Chemical, Civil and Environmental Engineering.

Work experience

Dates | 2010-2013

Occupation or position held | Trainee

Main activities and responsibilities | Primary culture of cortical neurons obtained from WT and KO Synapsins mouse in order to describe the role of Synapsins after the treatment with Neurotrophins (BDNF e NGF). Evaluation of Neurotrophins specific receptors expression and analysis of MAPK/ERK pathways activation through Western Blot. Axonal branching and dendritic arborization analysis after immune-fluorescent labelling thanks to a fluorescence microscope. Characterization of Synapsin 1 role through its reintroduction in KO mouse by nucleofection.

Head of research | Prof. Fabio Benfenati

Tutor | Prof. Franco Onofri

Type of business or sector | University of Genoa, Department of Experimental Medicine

Education and training

Dates | 2013-2015

Title of qualification awarded | Master degree in Medical and Pharmaceutical Biotechnology (110 cum laude/110) and dignity of print

Title of thesis | "Synthesis and characterization of Haemoglobin derivatives for therapeutic applications"

Principal subjects/occupational skills covered | Pharmaceutical Chemistry, Pharmaco-Genetics and pPharmaco-Genomics, Pharmacology, Computational Pharmacology, Bioinformatics, Oncology, Molecular Immunology and Endocrinology.

Name and type of organisation providing education and training | University of Genoa

Education and training

Dates | 2010-2013

Title of qualification awarded | Bachelor degree in Medical and Pharmaceutical Biotechnology

Title of thesis | "The role of Synapsin in signal transduction of Neurotrophins at neuronal level"

Principal subjects/occupational skills covered | Organic and Inorganic Chemistry, Biochemistry, Physycs, Molecular Biology, Developmental Biology, Micro-Anatomy, Physiology and Toxycology.

Name and type of organisation providing education and training | University of Genoa

Personal skills and competences

Mother tongue(s) | Italian

Other language(s) | English

Self-assessment
European level (*)

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
En	C1	En	C1	En	C1	En	C1	En	C1

Language

Language certification | IELTS certificate (band 7)

Social skills and competences | Predisposition to teamwork and spirit of sacrifice for the good of the group acquired through years of team sports at competitive level.
Capability to work into a multicultural context, developed during sport and research activity.

Technical skills and competences | Good knowledge of ImmunoBlot, RT-PCR, Immunohistochemistry, BRDU and hormon measurement assay and membrane/intracitosolic protein extraction techniques. Ability to prepare primary cell cultures and to use Spectrophotometer, Z-Syzer and Atomic absorption.

Computer skills and competences | Good knowledge of MS Office, Image J and SPSS.

Other skills and competences | Competitive activities in the first team of rugby club "CUS GENOVA RUGBY" since 2009.
Ability in assembling boxes due to a work experience performed for the company "Libri al mare" at Fiera Primavera (Genoa) between the years 2011-2015.

Driving licence | Car driving license

List of publications

1) Combined characterization of bovine polyhemoglobin microcapsules by UV-Vis absorption spectroscopy and cyclic voltammetry.

Knirsch MC, Dell'Anno F, Salerno M, Larosa C, Polakiewicz B, Eggenhöfner R, Converti A.

Bioprocess Biosyst Eng. 2016 Dec 1.

PMID: 27909862

2) Preparation and characterization of a microencapsulated polyethylene glycol cross-linked polyhemoglobin.

Knirsch MC, Dell'Anno F, Chicoma D, Stephano MA, Bou-Chacra NA, Palombo D, Converti A, Polakiewicz B.

Bioprocess Biosyst Eng. 2015 Nov;38(11):2263-9. doi: 10.1007/s00449-015-1463-y.

PMID: 26314399

Treatment of Personal Data:

"I authorize the use of my personal data, pursuant to Legislative Decree. N° 196 of 30 June 2003"

Dell' Anno Filippo