

Curriculum Vitae Europass

Personal information

Name(s) / Surname(s) **Giacomo Leva**

Address(esd) .

Telephone(s)

Mobile:

Fax

E-mail

Citizenship

Date of birth

Sex

Work experience

Dates From 01/03/24 to 31/08/24

Occupation or position held Research Scholarship entitled "Detection and sequencing of genes and genomes"

Main activities and responsibilities Contribution in "GerSom" project by "Alleanza Contro il Cancro" (ACC). The aim of this project is to identify by sequencing techniques any genetic risk factor for tumor development or evaluate the sensitivity to specific treatments.

Performed activities:

- Next Generation Sequencing (NGS) analysis using Ion GeneStudio S5 Prime System (Ion Torrent technology, by ThermoFisher Scientific);
- DNA libraries preparation;
- IonChef instrument setup and Ion Chip upload (ThermoFisher Scientific);
- PCR and qPCR techniques;
- DNA extraction from FFPE tumor tissue samples.

Name and address of employer Università degli studi di Urbino Carlo Bo, Via Arco d'Augusto 2, Fano (PU), Italy.
Type of business or sector Biotechnology.

Dates From 01/23 to 12/23.

Occupation or position held University Internship

Main activities and responsibilities

- Genomic DNA (gDNA) extraction;
- PCR primers design;
- gDNA amplification and quantification by PCR and qPCR techniques;
- Gel electrophoresis;
- Genetic polymorphisms' analysis by High Resolution Melting (HRM) technique;
- Design of sequencing primers for Pyrosequencing technique;
- Pyrosequencing;
- Statistical analysis (Chi-Squared test; Fisher's exact test)4.

Name and address of employer Università degli studi di Urbino Carlo Bo, Via Arco d'Augusto 2, Fano (PU), Italy.
Type of business or sector Biotechnology.

Dates	From 06/07/22 to 27/07/22. Previously from 04/21 to 07/21
Occupation or position held	University Internship
Main activities and responsibilities	<ul style="list-style-type: none"> - Support in the production process of diagnostic kits (i.e. ELISA kit); - DNA extraction and electrophoresis; - SDS PAGE analysis of recombinant proteins.
Name and address of employer	Diatheva S.R.L., Via Sant'Anna 131/135, Cartoceto (PU), Italy.
Type of business or sector	Biotechnology.
Dates	From 21/09/18 to 21/12/18
Occupation or position held	Analyst in water analysis laboratory – Erasmus+ project
Main activities and responsibilities	<ul style="list-style-type: none"> - Chemical analysis of biological samples; - Microbiological analysis of water samples; - Workplace maintenance and cleaning.
Name and address of employer	Labminho – Analise de Agua e Efluentes Industriais Lda, Braga, Portugal.
Type of business or sector	Chemistry.
Dates	From 03/12/17 to 22/12/17
Occupation or position held	Artistic artifacts' salesman – “Europass Mobilità” project
Main activities and responsibilities	<ul style="list-style-type: none"> - Sale of artistic artifacts; - Leafleting; - Store management.
Name and address of employer	Missio Malta – Non-profit organization, La Valletta, Malta.
Type of business or sector	Sale.
Dates	From 05/17 to 07/17
Occupation or position held	Analyst in water analysis laboratory – High school internship
Main activities and responsibilities	<ul style="list-style-type: none"> - Qualitative and Quantitative water analysis; - Microbiological analysis of water; - Samples collection.
Name and address of employer	Marche Multiservizi, S.p.a., Via dei Canonici 144, Pesaro (PU), Italy.
Type of business or sector	Chemistry.
Dates	From 06/16 to 07/16
Occupation or position held	High School Internship
Main activities and responsibilities	<ul style="list-style-type: none"> - Centrifugation of blood-containing tubes for serum separation; - Distribution of test tubes for subsequent analysis; - Waste sorting.
Name and address of employer	BioLab, Montecchio, Vallefoglia (PU), Italy.
Type of business or sector	Analysis laboratory.

Education and training

Dates	From 10/21 to 12/23.
Title of qualification awarded	Master's degree
Main subjects / occupational skills covered	Using biotechnology for molecular diagnostics and/or innovative therapies
Organisation providing education and training	Università degli studi di Urbino Carlo Bo
Experimental thesis	Association between PD-1 gene polymorphisms and efficacy to immune checkpoint inhibitor treatments in patients with lung cancer.
Level in EQF or national classification	EQF Level = 7
Dates	From 10/18 to 10/21
Title of qualification awarded	Bachelor's degree
Main subjects / occupational skills covered	Basic biotechnological laboratory techniques
Organisation providing education and training	Università degli studi di Urbino Carlo Bo
Thesis	Ferroptosis: Biochemical/Molecular characteristics and therapeutic perspectives
Level in EQF or national classification	EQF Level = 6
Dates	From 09/13 to 06/18
Title of qualification awarded	High school diploma
Main subjects / occupational skills covered	Basic chemical laboratory techniques
Organisation providing education and training	I.T.I.S. E. Mattei, Urbino
Level in EQF or national classification	EQF Level = 4

Personal skills

Mother tongue(s) **Italian**

Foreign language(s) **English**

Self-assessment
European level ()*

Language

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B1	B2	B1	B1	B1

(*) [*Common European Framework of Reference for Languages*](#)

Communication skills

- Good communication skills with colleagues and customers acquired during various work experiences;
- Good interpersonal skills.

Organisational / managerial skills	<ul style="list-style-type: none"> - Ability to organize independently the tasks; - Ability to identify priorities; - Good skills in managing work time.
Job-related skills	<ul style="list-style-type: none"> - Good command of water analysis; - Good command of laboratory instrumentation; - Skills in customer care and teamwork; - Good command of DNA extraction techniques and its amplification; - Good mastery of HRM technique for discrimination of polymorphisms; - Good mastery of Pyrosequencing; - Good mastery of the Ion Torrent next-generation sequencing (NGS) system (ThermoFisher Scientific).
Driving licence	B
Additional information	
Publications	<p><i>KRAS-mutated patients with liver-only metastatic colorectal cancer treated with Bevacizumab and chemotherapy. Functional analysis of TP53 mutations and outcomes.</i> Ruzzo, A., Fischer, N., Palladino, S., Chiari, R., Catalano, V., Giordani, P., Malkin, D., Leva, G., Tamburrano, T., Patriti, A., Petrelli, F., Sarti, D., Graziano, F. Abstract submitted to AIOM 2024 congress. 2024</p> <p><i>Functional analysis of TP53 mutations in liver metastatic colorectal cancer and clinical outcomes of KRAS-mutated patients treated with Bevacizumab and chemotherapy.</i> Ruzzo, A., Fischer, N., Palladino, S., Catalano, V., Giordani, P., Malkin, D., Leva, G., Tamburrano, T., Patriti, A., Petrelli, F., Sarti, D., Chiari, R., Graziano, F. Abstract submitted to ESMO 2024 congress. 2024</p> <p><i>Expression of circulating KRAS-4A and KRAS-4B mRNA isoforms in patients with metastatic lung adenocarcinoma treated with Pembrolizumab or chemotherapy plus Pembrolizumab by liquid biopsy. Clinical impact and association with circulating PD-L1.</i> Palladino S., Ruzzo A., Emili R., De Lisa M., Catalano V., Leva G., Sarti D., Magnani M., Graziano F., Chiari R. AIOM Abstract. Tumori Journal. 2023;109(2_suppl):1-328. doi:10.1177/03008916231203496 2023</p>
Attachments	<p>Preliminar English Test (PET) certification, B1 level - 2017; Training Certificate: general safety course, school year 2014/15; Training Certificate: training course on specific risks, academic year 2018/19; Training Certificate: course on safety in the chemical laboratory, academic year 2020/21; Training Certificate: course on safety in the biological laboratory, academic year 2020/21; Training Certificate: training course on the risks of exposure to electromagnetic fields, academic year 2020/21; Attendance as an auditor at the 15-hour course "Biostatistics and experimental design", taught in English by Prof. Cathie Spino, University of Michigan, academic year 2022/23; Certificate of participation at "Ion Torrent workflow training" course, by ThermoFisher Scientific, 2024.</p>