

Curriculum Vitae Europass

Personal information

Name / Surname **Angelo Sparti**

Address

Mobile

E-mail

Citizenship

Date of birth

Sex

Work experience

Dates January **2021 - Present**

Occupation or position held Internship

Main activities and responsibilities Support the development of new innovative biologics (monoclonal antibodies and derivatives).

Name and address of employer **Diatheva s.r.l.** Via Sant'Anna 131/135, 61030 Cartoceto (PU), Italy

Type of business or sector Biotechnology

Dates January **2019 – July 2020**

Occupation or position held Internship

Main activities and responsibilities Support the development of new innovative biologics (monoclonal antibodies and derivatives).

Name and address of employer **Diatheva s.r.l.** Via Sant'Anna 131/135, 61030 Cartoceto (PU), Italy

Type of business or sector Biotechnology

Education and training

Dates September **2020 – Present**

Title of qualification expected **Master's degree in Molecular Biology, Health, and Nutrition (LM-6)**
curriculum. Molecular Biotechnology

Main subjects / occupational skills covered Some of the main subjects of the course are proteomics, GLP-GMP, bioinformatics, biologics and innovative therapies, pharmacology.

Organisation providing education and training Università degli Studi di Urbino Carlo Bo

Average of the votes 29,27 / 30

Dates September **2016 – July 2020**

Title of qualification awarded **Bachelor's degree in Biotechnology (L-2)**

Main subjects / occupational skills covered Some of the main subjects of the course are cell biology, biochemistry, molecular biology, organic chemistry, microbiology.

The course has provided the theoretical knowledge in the field of biotechnology with laboratory session over three years dedicated primarily to DNA cloning, expression strategies and characterization of recombinant proteins.

Organisation providing education and training Università degli Studi di Urbino Carlo Bo

Final grade **110/110 with honours**

Thesis Development of an engineered antibody for the creation of a third generation therapeutic ADC to treat acute leukemia.

Personal skills

Mother tongue(s) **Italian**

Foreign language **English**

Self-assessment

European level (*)

Language

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

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

Job-related skills

The skills listed below were acquired during the two experiences in Diatheva:

- DNA cloning (transformation of competent cells, clone selection, extraction of DNA, digestion with restriction enzymes).
- Cell culture (cancer cell lines, HEK and CHO for transfection, generation of stable cell lines, and monoclonal antibodies production to laboratory scale).
- Chemical and physical characterization of recombinant proteins (WB, SDS-PAGE, ELISA etc.).
- Cytofluorimetric analysis (CytoFlex system)
 - (1) Antibody binding on cancer cell lines.
 - (2) ANNEX-PI assay to evaluate apoptosis and necrosis on cancer cell lines triggered by antibody derivative.
- Purification of monoclonal antibodies (AKTA system)

The skills listed below were acquired during the master's degree course (University of Urbino):

- Gene Expression Analysis (RNA extraction, RT-qPCR) (thanks to the course in Gene Expression Analysis)
- Use of bioinformatics tools (BioEdit, BLAST, UGene, ClustalO) (thanks to the course in Bioinformatics)

Organisational skills

Predisposition to work in a team with different background
Autonomy in the planning and management of the assigned activities
Focus on results

Communication skills

Attention to the maintenance of a good working environment
Proactive attitude

Driving licence

B

Courses and certification

- **UniUrb Contamination Lab (6th Edition)** February 2022 – June 2022

55 hours of workshop that aims to develop the soft skills necessary for entrepreneurship, with a final public presentation of startup ideas.

Addressed topics: self-empowerment, self-awareness, idea generation, lean business canvas, storytelling, elevator pitch.

- **PF24** (2021)

24 ECTS in anthropological, psychological and pedagogical disciplines

- **Safety courses**

National Council of Research (2016):

- (1) Concetti generali: pericolo, rischio, danno, prevenzione e protezione
- (2) D.LGS. 81/08: figure e compiti, emergenza antincendio, elementi di primo soccorso, lavorare con i videoterminali.

Università di Urbino Carlo Bo:

- (1) Sicurezza nel laboratorio chimico (2017)
- (2) Sicurezza nel laboratorio di biologia (2019)
- (3) Rischi di esposizione ai campi elettromagnetici (2021)

- **Microsoft Office Specialist: Excel 2010** (2014)

ID: mvVN-DTez

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Urbino, 5/08/22