



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Andrea Falcone**  
Address 2, Via Trisoria, 87040 Taverna di Montalto Uffugo, CS (Italy)  
Mobile +39 3347621893; +39 3288185940  
E-mail(s) anfalnemo@gmail.com (personal); andrea.falcone@unical.it (personal)  
Nationality Italian  
Date of birth 16/06/1977  
Gender Male

### Desired employment / Occupational field

**Researcher, Translator, Writer, Web designer**

### Work experience

|                                      |   |
|--------------------------------------|---|
| Dates                                | 01/09/2008 - 01/03/2011   |
| Occupation or position held          | IBM contractor  |
| Main activities and responsibilities | IBM Researcher and Data Analyst<br><br>Biodiversity domain expert: knowledge discovery from structured and unstructured (biological) data, related to viruses, wine microorganisms, etc. I worked on a wine supply chain to set up a (meta)genomic method to fingerprint wine microorganisms and realize molecular wine signatures and I collaborated in the creation of a new relational viral knowledge base, and the analysis of complex viral molecular and phenotype data through first-order pattern mining and machine learning methods.<br><br>Sentiment and brand reputation analyst using the IBM COBRA (Corporate Brand & Reputation Analysis) software. I performed complete brand reputation analyses for many Italian and international companies, like Abbott, J&J, Costa Crociere, Luxottica, Piaggio, Pirelli, EDISON, ATM, but also for the Italian Ministry of Justice (political buzz analysis) to improve a company's brand and advertising management, optimize customer and citizen centricity, and reduce reputational risks. |
| Name and address of employer         | IBM Italia S.p.A. - IBM GBS Business Analytics and Optimization. IBM Italia S.p.A.<br>Via Pietro Leonida Laforgia, 14, 70125 Bari (Italy)   |
| Type of business or sector           | IT, Life Sciences   |
| Dates                                | 2004 - 2011   |
| Occupation or position held          | Freelance Translator and Proofreader  |
| Main activities and responsibilities | ENG, FR>ITA translations and proofreadings of technical and scientific documents, such as EFSA and EMEA fact sheets, product catalogues, scientific papers, medical reports, and web sites  |
| Name and address of employer         | Lionbridge, Blanco y Negro, CPSL, Archetypon, Loquax, OneDocument, Aratea, i-Contact, Elettronica Service, etc...   |
| Type of business or sector           | Translation, Proofreading, Editing  |
| Dates                                | April 2002 - November 2005  |
| Occupation or position held          | Tutor   |
| Main activities and responsibilities | Tutor and assistant for: Plant physiology and general methods to investigate plants.  |
| Name and address of employer         | UNICAL - University of Calabria   |

Via ponte P. Bucci, Cubo 6B,, 87036 Arcavacata di Rende, CS (Italy)

Type of business or sector Tutoring, teaching

Dates November 2002 - November 2003

Occupation or position held Young Researcher (Marie Curie fellowship)

Main activities and responsibilities Researcher in Plant genetics and development. During my Italian doctorate I worked one year in Ghent (Belgium) at VIB on Arabidopsis leaf mutants.

Name and address of employer VIB (Flanders Interuniversity Institute for Biotechnology), Ghent University, Department of Plant Systems Biology  
927, Technologiepark, B-9052 Ghent (Belgium)

Type of business or sector Research, Plant genetics

## Education and training

Dates September 2008 - March 2011

Title of qualification awarded Advanced Training in Molecular Biodiversity

Principal subjects / occupational skills covered Molecular Biodiversity, Virology, Ecology, Metagenomics, KDD, Ontologies and DBs, Java and linux programming, Text Analytics, Machine learning, etc..

Name and type of organisation providing education and training MBLAB - Molecular Biodiversity Laboratory (Public-private initiative hosted at IBM GBS Business Analytics and Optimization. IBM Italia S.p.A.)  
Via Pietro Leonida Laforgia, 14, 70125 Bari (Italy)

Level in national or international classification ISCED 6

Dates November 2002 - November 2006

Title of qualification awarded PhD in Plant Biology

Principal subjects / occupational skills covered Researcher in plant Genetics, Biochemistry, Cyto-histology, Physiology, and Bioinformatics.

Name and type of organisation providing education and training Unical - University of Calabria + VIB (Flanders Interuniversity Institute for Biotechnology) in Belgium, Ghent (University)  
Via Ponte P. Bucci, 87036 Arcavacata di Rende, CS (Italy Belgium)

Level in national or international classification ISCED 6

Dates October 1995 - March 2002

Title of qualification awarded Degree in Molecular Biology - 110/110 with distinction (cum laude)

Principal subjects / occupational skills covered Mathematics, Chemistry, Physics (advanced level). Zoology, Ecology and Botany. General Plant and Animal Cytology, Histology, Physiology and Anatomy. Genetics, Molecular Biology, Pathology, Endocrinology, Microbiology, Biochemistry, Bioinformatics, Statistics, etc...

Name and type of organisation providing education and training UNICAL - University of Calabria (University)

Level in national or international classification ISCED 5

Dates 1983 - 1995

Title of qualification awarded European Diploma - 79,33%

Principal subjects / occupational skills covered Life sciences, chemistry, mathematics, physics, Italian, French, English, Spanish, Latin, history, philosophy, sociology, geography, music, sport, art, religion.

Name and type of organisation providing education and training Schola Europaea Mol

## Personal skills and competences

Other language(s)

Self-assessment

European level (\*)

**English**

**French**

**Dutch**

**Spanish / Castilian**

**German**

| Understanding |                  |         |                  | Speaking           |                  |                   |                  | Writing |                  |
|---------------|------------------|---------|------------------|--------------------|------------------|-------------------|------------------|---------|------------------|
| Listening     |                  | Reading |                  | Spoken interaction |                  | Spoken production |                  |         |                  |
| C1            | Proficient user  | C1      | Proficient user  | C1                 | Proficient user  | C1                | Proficient user  | C1      | Proficient user  |
| C1            | Proficient user  | C1      | Proficient user  | C1                 | Proficient user  | C1                | Proficient user  | C1      | Proficient user  |
| B2            | Independent user | B2      | Independent user | B2                 | Independent user | B2                | Independent user | B1      | Independent user |
| B2            | Independent user | B2      | Independent user | B1                 | Independent user | B1                | Independent user | B1      | Independent user |
| B1            | Independent user | B1      | Independent user | A2                 | Basic User       | A2                | Basic User       | A1      | Basic User       |

(\*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences

Thanks to my state birth and to my training I got in touch with many different cultural environments and people. As biologist, data analyst and freelance translator I worked and collaborated with several companies and executives across the world and created a stimulating network of friends and professionals.

Organisational skills and competences

I have been working in multinational research labs and institutes (IBM, VIB, UNICAL, UNIBA), building consensus and group identities, organizing scientific presentations for final examinations, meetings and lessons for students.

In 2000 I was elected for a 2-year period as student representative at the Faculty of Science (Facoltà di Scienze MM. FF. NN) and in 2003, still for a 2-year period, as

representative of all PhD students at the Department of Ecology, at the University of

Calabria. Thanks to these 4 years of experience I achieved some management skills and learned the basic policies of a Department and a Faculty.

As a freelance translator and webmaster I learned to organize my daily work, so as to optimize time.

Technical skills and competences

I'm a specialized plant biologist. I've studied and used many molecular techniques (ISH, cloning and PCRs, microscopy, etc) and adapted many scientific protocols, so as to verify my hypothesis. Additionally, I'm prepared to use bioinformatics tools, to build up a database or an ontology. As a Reputation Manager and data analyst I'm able to perform a complete sentiment analysis and investigate the buzz generated from social media, in order to minimize reputational risks and optimize corporate, brand and marketing management. Finally, as a freelance translator and webmaster I'm able to use specialized CATs and translation memories, such as Trados, and create a website.

Computer skills and competences

I've been working with my computer since I started translating in 2004 and creating my first web pages. I'm able to use any OS, and any software and CMS for web design and web animations (Adobe CS4, Joomla, etc).

1992 - 1994 Programming language: - Turbo Pascal v6.0

2003 I followed an international course of Advanced Bioinformatics, with Prof. Van DePeer, Y.

Since 2008 Advanced formation in Molecular Biodiversity at IBM: Principles in Java, Python, ontologies, mySQL, etc...

Artistic skills and competences

I play guitar and flute, although just for fun. I like digital photography and I'm able to create photo and video creations.

Driving licence(s)

B

**Additional information**

Publications

Robles, Pedro; Fleury, Delphine; Candela, Hector; Cnops, Gerda; Alonso-Peral, Maria Magdalena; Anami, Sylvester; Falcone, Andrea; Caldana, Camila; Willmitzer, Lothar; Ponce, Maria Rosa; Van

Lijsebettens, Mieke; Micol, Jose Luis

The RON1/FRY1/SAL1 gene is required for leaf morphogenesis and venation patterning in Arabidopsis

Plant Physiol., March 2010, Vol 152, pp1357-1372.

C. Loglisci, A. Falcone, B. Balech, P. Leo

First-Order Frequent Pattern Mining for Analyzing Complex Phenotype Data

Proceeding of Logic-based approaches in Bioinformatics Workshop. Satellite workshop of the AI\*IA 2009: International Conference of the Italian Association for Artificial Intelligence. 12 December 2009, Reggio Emilia (Italy)

Falcone, Andrea; Nelissen, Hilde; Fleury, Delphine; Van Lijsebettens, Mieke; Bitonti, Maria Beatrice  
Cytological Investigations of the Arabidopsis thaliana elo1 Mutant Give New Insights into Leaf Lateral Growth and Elongator Function

10.1093/aob/mcm102. Ann Bot, 2007. 100(2): p. 261-270.

Il saccarosio nell'espansione fogliare laterale: un'analisi morfometrica e citoistologica del mutante ELO1 di Arabidopsis thaliana

Falcone, A, Van Lijsebettens, M and Bitonti, MB

Informatore Botanico Italiano, 2005, 37 (1, parte B), pp. 714 - 715

#### Posters

Di Tota F., Balech B., Lobefaro A., Falcone A., Vaccina A., Scioscia G. and Leo P.

Viral-kb: an integrated knowledge- base to support viral molecular biodiversity studies

BITS 2010 "Bioinformatics and Computational Biology for Life Sciences", Bari, Italy, 14-16 April 2010

C. Loglisci, A. Falcone, B. Balech, P. Leo

First-Order Frequent Pattern Mining for Analyzing Complex Phenotype Data

Satellite workshop of the AI\*IA 2009: International Conference of the Italian Association for Artificial Intelligence. 12 December 2009, Reggio Emilia (Italy)

Il saccarosio nell'espansione fogliare laterale: un'analisi morfometrica e citoistologica del mutante ELO1 di Arabidopsis thaliana

Falcone, A, Van Lijsebettens, M and Bitonti, MB

Società Botanica Italiana, 20-23 settembre 2005, Roma, Italia

Genome wide expression analysis to investigate function of Elongator genes in Arabidopsis leaf development

Fleury-Herve D., Nelissen H, Falcone A, Inze D, Van Lijsebettens M

Plant & Animal Genomes, XII Conference January 10-14, 2004, Town & Country Convention Center, San Diego, CA, USA.

Functional analysis of Elongator in plant development

Nelissen, H., Fleury, D., Falcone, A., Inze, D. and Van Lijsebettens, M

Plant Genetics 2003 Mechanisms of Genetic Variation, October 22-26, 2003,

Snowbird, Utah.

Genetic factors that determine leaf size and shape in Arabidopsis

Nelissen H., Cnops G., Fleury D., Petrarulo M., Falcone A. and Van Lijsebettens M.

Società Botanica Italiana, Riunione Congiunta Gruppi di Lavoro Biologia  
Cellulare e Molecolare - Biotecnologie e Differenziamento, 2-4 Luglio 2003,  
Falerna, Italia

#### Workshops

Next Generation Sequencing Workshop  
Second Edition, University of Bari, Bari, Italy 6-8 October 2010

Next Generation Sequencing Workshop  
Labobiotech, University of Bari, Bari 2009, 16-18 September

Introduzione alla Genomica e Proteomica con Elementi di Bioinformatica  
ENEA, Scuola Estiva C.R. TRISAIA, 21-25 Giugno 2004

#### Additional personal information

Personal website: <http://www.biotranslations.it>

Skype contact: anfalnemo

I consent to the use of my personal data in accordance with the provisions of decree 196/2003.