EUropass Curriculum Vitae Andrea Silveri

# PERSONAL INFORMATION

# Andrea Silverj



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Skype: fistas1993

Sex: Male | Date of birth: 26/03/1993 | Place of birth: Rome | Nationality: Italian

# **CURRENT POSITION**

# PhD student in Agrifood and Environmental Sciences at the University of Trento

## **EDUCATION AND TRAINING**

## March 2018 - March 2019

# Internship at Fondazione Edmund Mach

Agrarian Entomology laboratory of Fondazione Edmund Mach Supervisor: Omar Rota-Stabelli

- Molecular evolution
- Arbovirus
- R and Python programming

#### October 2016 - March 2019

# Master of Science in Evolutionary Biology - magna cum laude

University of Padova, Italy

Thesis title: "An evolutionary analysis of codon usage bias in Zika virus

to identify possible vectors and host" Supervisor: Prof. Giuseppe Fusco

# October 2012 - March 2016

# Bachelor of Science in Biological Sciences - magna cum laude

University of L'Aquila, Italy

Thesis title: "Aging in vertebrates: an evolutionary point of view"

Supervisor: Prof. Adriano Angelucci

#### PERSONAL SKILLS

#### Mother tongue(s)

#### Italian

# Other language(s)

UNDERSTANDING		SPEAKING		WRITING		
Listening	Reading	Spoken interaction	Spoken production			
C1	C2	C1	C1	C1		
IELTS Academic – Overall score 7.5 (C1)						

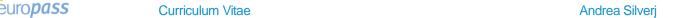
English

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user

Common European Framework of Reference for Languages

# Communication skills

 Good communication skills gained through my experience in presenting at conferences and workshops



# Position-related skills

Knowledge of molecular evolution of viruses

#### Digital and computer skills

SELF-ASSESSMENT						
Information processing	Communication	Content creation	Safety	Problem solving		
Proficient user	Proficient user	Independent user	Proficient user	Proficient user		

Levels: Basic user - Independent user - Proficient user Digital competences - Self-assessment grid

- Advanced command of Microsoft Office<sup>TM</sup> tools
- Good knowledge of Windows/Linux/MacOS operative systems
- UNIX shell scripting
- Knowledge of R and Python programming languages; Biopython toolkit
- Software applications: BEAST2, PhyloBayes, Mr. Bayes, MEGA, FigTree, BioEdit, MAFFT, RDP4, CodonW, GCUA, CaiCal, Mesquite, Chimera, MorphoJ, QGIS

#### Scientific interests

Evolutionary theory, virology, phylogenomics, metagenomics, evo-devo, philosophy of biology

#### Other skills

- Teaching abilities (I taught undergraduates and graduates in informal situations)
- Playing electric guitar, sometimes on stage
- Passion for ancient Greek-Roman philosophy, especially Stoicism

#### **Driving licence**

В

# ADDITIONAL INFORMATION

### **Presentations**

- August 2017 7th SIBE/ISEB (Italian Society for Evolutionary Biology) congress
  - Poster presentation: "404 error: (evolutionary) page not found"
    4th place among 42 posters registered to the SIBE/ISEB poster competition
- July 2018: XI European congress of entomology
- Poster presentation: "Using codon usage bias to investigate the role of alternative vectors in the spread of Zika"
- September 2019 8th SIBE/ISEB (Italian Society for Evolutionary Biology) congress
- Oral presentation: "Codon usage indicates that amphibians, reptiles and birds are major hosts for Zika and other arboviruses: implications for epidemiology and surveillance"

#### Conferences

- September 2018 2<sup>nd</sup> international conference on Biotremology, Riva del Garda
- April 2019 EuroScitizen WG5 Meeting, Paris

# Workshops

- September 2018 Workshop at the University of Bologna: "Invasive insects and social behaviour: an evolutionary approach"
- Flash talk: "Codon usage in Zika to study alternative vectors and hosts"

## Memberships

- Member of the Society for Molecular Biology and Evolution
- Member of the Italian Society for Evolutionary Biology

# Summer schools

- July 2017 Summer Stoic School in Rome with Massimo Pigliucci
- August 2019 SIBE/IRSAE summer school, Trento: "Bridging phylogeny and population genetics: inferring divergence and selection at both interspecies and intraspecies level"

#### Outreach

- European Researcher's Night at the MUSE Science Museum in Trento
  - Outreaching the behaviour of Drosophila suzukii





**Prizes** 

- September 2019 8th SIBE/ISEB (Italian Society for Evolutionary Biology) congress
  - Winner of the "Golden Charley prize" ("Il Carlino d'oro") for the best creative performance in the outreach of Evolutionary Biology

Volunteering

- July 2016 - September 2016: Workaway volunteering in Ireland (Castlemaine, County Kerry)

Andrea Silverj