

Edoardo Giussani

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EDUCATION

EVOLUTIONARY BIOLOGY

UNIVERSITÀ DEGLI STUDI DI PADOVA, PADUA (ITALY)

2017-2019

MASTER'S DEGREE

Thesis: "Viral load and copy number variation in chronic lymphoproliferative disorder of NK cells disclosed by custom analyses of exome profiling data"

ENVIRONMENTAL SCIENCES AND TECHNOLOGY

UNIVERSITÀ DEGLI STUDI DI PADOVA, PADUA (ITALY)

2012-2016

BACHELOR'S DEGREE

Thesis: "Importanza dell'appetibilità nel fenomeno del "secondary killing" in tre diverse esche insetticida per il controllo di *Blattella germanica* (Blattodea)"

WORK EXPERIENCE

TEMPORARY RESEARCH FELLOW

DEPT. MOLECULAR MEDICINE, PADUA

02/2020-07/2020

FULL-TIME

Project: "Study of amplified or deleted genomic regions in chronic lymphoproliferative disorder of NK cells"

- Programming a custom Python pipeline to perform analyses
- Results relaboration with R and spreadsheets
- Enrichment and selection of candidate genes for validation

FIELD AND LABORATORY ASSISTANT

ENTOSTUDIO, PONTE SAN NICOLÒ

2015-2017

STAGE/FULL-TIME

- Laboratory and field tests to evaluate repellents and insecticides effectiveness
- Designing and long term planning of tests
- Breeding and identification of different species of insects

PERSONAL SKILLS

Digital skills	- Excellent: Microsoft Excel, Word, Power Point and Access
	- Great: C#, Python, VBA, SQL, R, \LaTeX and Arduino's language
	- Basic: GitHub, SCons and Docker
	-Fast learning of new programming languages
	-Development in Linux and Windows environment, desktop and server
Bioinformatics skills	-Methods development to perform custom analyses on NGS data
	-Study of somatic CNVs from WES paired tumor-control samples
	-Investigation of viral DNA integration in human genome
	-Navigation in principal bioinformatics databases
Language skills	- Italian: Mother tongue
	- English: Understanding: B2 Speaking: B2 Writing: B2
Driving license	B

PUBLICATIONS

Gasparini, Vanessa Rebecca, [...], **Giussani, Edoardo**, et al. **Apr. 2020**. "A high definition picture of somatic mutations in chronic lymphoproliferative disorder of natural killer cells". In: *Blood Cancer Journal* 10.4, p. 42.

Corcos, Daria, [...], **Giussani, Edoardo**, et al. **July 2020**. "Effects of natural pyrethrum and synthetic pyrethroids on the tiger mosquito, *Aedes albopictus* (skuse) and non-target flower-visiting insects in urban green areas of Padua, Italy". In: *International Journal of Pest Management* 66.3, pp. 215-221.