

Martini Simone

Place and Date of birth

19/11/1989,
Castel Del Piano (GR)
Italy

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ACADEMIC CAREER

2016

Master Degree in Cellular and Molecular Biology

Under **Università degli Studi di Firenze**, faculty of **Physics, Mathematics and Natural Sciences**

Score: **106/110** (equivalent to second class honours, upper division)

Date: **21/4/2016**

Thesis Title: **Biomolecules Preservation in Extreme Environments and Their Relationship with The Origin of Life**

Supervisors: **Doc. Euan P. Monaghan; Doc. Andreas Elssasser**

Relators: **Prof. Pascale Ehrenfreund; Prof. Brunella Perito**

2015

Participation at **Conference European Astrobiology Network Association (E.A.N.A. 2015)**, ESTEC, Noordwijk, **The Netherlands**

Poster presented: **Biomolecules Preservation in Extreme Environments and Their Relationship with The Origin of Life**, winner of poster award

Date: **3-9/10/2015**

Erasmus Traineeship under **Leiden University, Astrobiology Laboratories**

Department: **Leiden Observatory**, Niels Borhweg 1-2, 2333CA Leiden, The Netherlands;

From: **5/1/2015** to: **5/7/2015**

Brief description: **I performed a 6-month internship finalized to the writing of my Master Thesis. Tasks was: handling of soil samples; development of new analytical protocols for biomarkers detections (amino acids, polycyclic aromatics hydrocarbons) using GC/MS, LC/MS, HPLC, 2D-GC/MS; mineralogical analysis with an FT-IR; microbiological analysis by DNA sequencing with PCR and high throughput Next Generation Sequencing. Data collection and analysis with basic statistical tools.**

2012

Erasmus Study programme under **VU University of Amsterdam**, The Netherlands

Faculty of **Earth and Life Sciences**, course of **Molecular Biology**

From **19/8/2012** to **19/2/2012**

Courses followed: **Genetics II, Developmental Biology, Scientific Writing in English, Extreme Biology**

Bachelor Degree in Biological Sciences,

Under **University of Florence**, faculty of **Physics, Mathematics and Natural Sciences**

Score: **99/110** (equivalent to second class honours, lower division)

Date: **26/7/2012**

Thesis Title: **Effects of Vitamin-D and its analogue on morphological structure and cyclic AMP formation in rat cardiomyocytes**

Supervisors: **Prof. Massimo Gulisano, Prof. Marco Ruggiero, Doc. Alessandra Pacini;**

Internship under **University of Florence,**

Department: **Anatomy, Histology and Legal Medicine,** Viale Morgagni 85, 50134, Florence, Italy.

From: **27/4/2012** to: **27/6/2012.**

Brief Description: **Internship in a laboratory for first level degree, learning about principal laboratory techniques, cells cultures and maintenance, cell counting, cell dyes techniques, optic microscope use, images collection and processing, dilutions; PCR, polymorphism analysis, research.**

2008

High school Diploma

From: **Scientific Lyceum "Enrico Fermi",** Castel Del Piano (GR) Italy

Score: **67/100**

WORKING EXPERIENCES

2016

Lifeguard for sports Association "**Sport Insieme Grosseto (G.S.I.)**"

Piazza Azzurri d'Italia 58100, Grosseto, Italy

Description: **I have worked every summer season (June to September) since 2008 in a free access seaside as lifeguard, taking care of the safety of the people in the sea and the area around. Basic rescue techniques, basic medical cares.**

2011

Waiter & Bar Assistant at "**Restaurant Hotel Luce Sorgente**"

Localita' Aiuole, Arcidosso (GR) Italy

Description: **I worked during Easter and Christmas holidays in April and December 2011 as a waiter and sometimes at bar services, taking orders, bring dishes, serve coffee and drinks, clean the locals.**

SKILLS

LANGUAGES

Italian: mother language

English: level **C1**, from **British Council, Cambridge English, IELTS Academic** certification, date: **8/10/2016**

French, Spanish, Dutch: basic understanding of the languages.

INFORMATICS

Use of Windows and Mac Os., knowledge of the use of various programs like Adobe Photoshop, Premiere; Nikon Capture; Blender; Macromedia Dreamweaver and Flash; Office Word, PowerPoint, Excell, etc.

VARIOUS

European driving license A and B

European Lifeguard patent, qualified to perform BLS and BLSD.

Sports: swimming, boxing, thai-boxe, surf, windsurf, windsailing.

I authorize my personal data treatment under the law D.Lgs. 196/2003,

Castel Del Piano, 7/3/2017

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