

# Gaeta Simone

## *Curriculum vitae*

### PERSONAL DATA

Born in Gattinara (VC), Italy, November 22, 1991.

Resident in Gattinara

Via Monte Grappa, 17

Cell phone: 340 3045826

### BIO AND EDUCATION

#### UNIVERSITÀ DEL PIEMONTE ORIENTALE

**22/03/2016** MASTER DEGREE IN MEDICINAL AND PHARMACEUTICALS CHEMISTRY (MEDICINAL SCIENCE DEPARTMENT), 110/110

**THESIS:** " BIOACTIVE PHYTOCANNABINOIDS: ISOLATION AND SYNTHESIS OF NEW NON-PSYCHOTROPIC DERIVATIVES"

**SUPERVISOR:** PROF. GIOVANNI B. APPENDINO

#### LICEO SCIENTIFICO STATALE A. AVOGADRO

**2010** HIGH SCHOOL SCIENTIFIC DIPLOMA

**MARK:** 90/100

### UNIVERSITY CAREER

05/2016-10/2016	Post-grad scholarship, Università del Piemonte Orientale
11/2016-	PhD student - Cicle XXXII "Chemistry & Biology"

### MAIN FIELDS OF INTEREST

1. Phytochemistry
2. Organic chemistry
3. NMR Spectroscopy

### CURRENT ISSUES OF RESEARCH

#### 1. Isolation and synthesis of phorboids from *Croton tiglium*

Optimization of extractive protocols aimed at obtaining 4  $\beta$  – phorbol from Croton oil and synthesis of new derivatives with same skeleton.

#### 2. Investigation of diterpene tigliane skeleton biosynthesis in Euphorbiaceae family

**3. Isolation of natural products from endemic plant of Sardinia**

Characterization of natural compounds in *Santolina corsica*, endemic plant from Sardinia island, collected in Monte Albo.

**4. Isolation of natural products from rare resin from South-Africa**

Characterization of natural compounds from *Burseraceae* family belonging to genus *Commiphora*, *Boswellia*, *Canarium*...