



Born / **29/10/1993** Age / **26**
Place of birth / **ROMA (RM)**
Nationality/ citizenship / **Italy**
Address **ROMA (RM)**
Driving licence / **B / Car available**

francescaromana.scuto@uniroma1.it

SOFT SKILL

Autonomy **8/10**

Self confidence **8/10**
Flexibility/Adaptability **8/10**
Resistance to stress **8/10**
Ability to plan and organize **8/10**
Precision/Attention to details **9/10**
Learn continuously **8/10**
Achievement of objectives **10/10**
Managing information **9/10**
Entrepreneurial spirit and initiative **8/10**
Communication **8/10**
Problem Solving **7/10**
Team work **9/10**
Leadership **7/10**

FOREIGN LANGUAGE SKILLS



MOTHER TONGUE(S): **Italian**



ENGLISH GOOD	B2	B2	B2	B1	B2
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SPANISH LIMITED	A2	A2	A2	A2	A2
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DIGITAL COMPETENCES

BASIC DIGITAL COMPETENCE

Operating systems **Fair**
Word processing **Good**
Electronic spreadsheet **Good**
Internet skills **Good**

EXPECTATIONS AND FEATURES OF THE DESIRED JOB

INTENTION TO CONTINUE STUDIES: **Yes / Doctoral studies**

ECONOMIC SECTOR: chemistry /

chemical-pharmaceutical industry/food

CAREER FIELD: Manufacturing / Engineering

and design / **3**. Quality and security

PREFERRED DISTRICT TO WORK IN: **ROMA / MILANO**

ACADEMIC STUDIES

PH.D. CHEMICAL SCIENCES

2018 - 2021

ONGOING STUDIES



Sapienza University of Rome

PHD cycle: **34**

Specific field of the PHD: enzyme immobilization on agroindustrial wastes

Expected graduation date: 2021

MASTER'S DEGREE

2015 - 2018

CERTIFIED TITLE



Sapienza University of Rome

Industrial Chemistry

LM-71 - 2nd level degree in Industrial chemistry and related technologies

Dissertation/thesis title: Biodegradation of non steroidal anti-inflammatory drugs with immobilized laccase on chitosan macro beads | Dissertation/thesis subject: BIOPOLIMERS | Thesis supervisor: Prof. GIRELLI ANNA MARIA

Age at graduation: 24 | Official duration: 2 years

Final degree mark: **110/110 cum laude**

Graduation date: 25/01/2018

BACHELOR'S DEGREE

2012 - 2015

CERTIFIED TITLE



Sapienza University of Rome

Industrial Chemistry

specific field of the degree course: industrial analytical chemistry

L-27 - 1st level degree in Chemistry

Dissertation/thesis subject: analytical chemistry

| Dissertation/thesis keywords: honey, honey quality

supervisor: Prof. GIRELLI ANNA MARIA

Age at graduation: 22 |

Official duration: 3 years

Final degree mark: **100/110**

Graduation date: 11/12/2015

HIGH SCHOOL CERTIFICATE

ROMA

2012

Classical High School

DANTE ALIGHIERI, ROMA (RM)

Kind of secondary school diploma: Italian secondary school diploma

Kind of secondary school attended: Public school

AVAILABILITY FOR BUSINESS TRAVELS:

Yes, including relocation

AVAILABILITY TO RELOCATE ABROAD:

Yes



OTHER POSTGRADUATE STUDIES

STUDENT GRANT

2018

Sapienza University of Rome

Development of an online system for the evaluation of the oxidative potential of atmospheric particulate by immobilized enzymes

Duration in months: 6 months

Supervisor: Dott.ssa Silvia Canepari



FOREIGN LANGUAGE SKILLS

NOTES

Intensive english lessons at Ec school in Brighton for 3 weeks
With a certificate of language



PROFESSIONAL ACCOLADES AND AWARDS

CREDITS

15/10/2019

Winners of funds for 'starting research project type 1 for :
laccase immobilization on agroindustrial wastes



CONGRESSES

1. A. Apriceno, A.M Girelli, F.R. Scuto. Investigation on the role of carbohydrate moiety in the catalytic activity of Laccase from *Trametes versicolor*. XXVI National Congress of Italian Chemical Society, 10-14 September 2017, Paestum (SA).
2. A. Apriceno, A.M Girelli, F.R. Scuto. Biodegradation of diclofenac by laccase immobilized via carbohydrate moiety on chitosan macro beads. EUROANALYSIS 2017, Europes Analytical Chemistry Meeting. 28 august- 1 September 2017, Stockholm, Sweden.
3. A. Apriceno, R. Bucci, A.M. Girelli, L. Quattrocchi, F.R.Scuto. Determinazione di 5-idrossimetil-2-furaldeide e acidità per il controllo della qualità del miele. VII Convegno giovani 14-15 giugno 2016, Roma.
4. F.R. Scuto, A.M. Girelli , N. Torchia Laccase immobilization on eggshell membrane Convegno giovani ricercatori 2019 25-26 giugno , Roma.
5. F.R. Scuto, A.M. Girelli food waste ad biocompatible and inexpensive renewable carrier for laccase immobilization XXVIII Congress of the Analytical Chemistry Division Bari 22 – 26 September 2019



PUBLICATIONS

1. A. Apriceno, A. M Girelli., and F. R. Scuto, 2018. Design of a heterogeneous enzymatic catalyst on chitosan: investigation of the role of conjugation chemistry in the catalytic activity of a Laccase from *Trametes versicolor*. *Journal of Chemical Technology& Biotechnology* (2018); 93: 1413-1420.
2. A. Apriceno, A. M. Girelli, F. R. Scuto, A. M.Tarola. Determination of furanic compounds and acidity for Italian honey quality. *Flavour and Fragrance Journal* (2018);33:411–419
3. A.Apriceno, M.L. Astolfi, A. M. Girelli, F. R. Scuto. A new Laccase-Mediator System facing the biodegradation challenge: insight into the NSAIDs removal. *Chemosphere* 215 (2019) 535-542
4. A. M. Girelli, M. L. Astolfi., F. R. Scuto Agro-industrial wastes as potential carriers for enzyme immobilization: a review. *Chemosphere*. <https://doi.org/10.1016/j.chemosphere.2019.125368>